

## Keys with Super modifier keys (⌘ on macOS)

| macOS Key                                                                                                                                    | Mac OS Terminal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Emacs in Terminal mode                                                            | Emacs in Graphics mode        | macOS Key                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------|-----------------------------------------------|
| Special key: <b>Clear</b>                                                                                                                    | The Apple keyboards with numeric keypad have a Clear key. That key is located at the top left of the numeric keypad at the position where the numlock key is often located in other keyboards.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                   |                               |                                               |
|                                                                                                                                              | Over the years Apple manufactured keyboards with this key with different labels: <b>clear</b> and  are the most often seen labels. See <a href="#">here</a> and <a href="#">here</a> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                   |                               |                                               |
|                                                                                                                                              | <b>Names:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Clear, CLR, CLS                                                                   |                               |                                               |
|                                                                                                                                              | <b>Symbol:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                               |                                               |
|                                                                                                                                              | <b>Mac symbol:</b> <br><b>Key Code:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0x47                                                                              |                               |                                               |
|                                                                                                                                              | The documented purpose of the Clear key is to clear the selected content but is application dependent. For instance: <ul style="list-style-type: none"><li>Inside spreadsheet programs (like macOS Numbers and Excel) it clears the content of currently selected cells. It also clears the content of currently selected text.</li><li>Inside macOS Finder it selects the file with the name alphabetically sorted last.</li><li>Inside macOS Terminal.app it can be configured to act as a Numlock key in the Profiles keyboard list.</li><li>I have not yet found a way to map it in iTerm2. I posted a <a href="#">question in StackExchange AskDifferent</a> while I continue the investigation.<ul style="list-style-type: none"><li>It is possible to map specific keys of the numeric keypad but the Clear key registers as Numlock right away.</li></ul></li></ul> |                                                                                   |                               |                                               |
| <ul style="list-style-type: none"><li><a href="#">macOS Keyboard Shortcuts</a></li><li><a href="#">Terminal Keyboard Shortcuts</a></li></ul> | This table list the macOS specific key and their meaning as well as the bindings and availability inside Emacs running in terminal (TTY) mode and in graphics mode.<br>The keys marked <b>macOS key</b> are reserved to macOS and are user configurable in macOS System Preferences.<br>See also: <a href="#">🍏 macOS Fct Keys</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                   |                               |                                               |
| <clear>                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   |                               |                                               |
| ⌘F1                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | macOS key                     |                                               |
| ⌘F2                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | macOS key                     |                                               |
| ⌘F3                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | macOS key                     |                                               |
| ⌘F4                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | macOS key                     |                                               |
| ⌘F5                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | macOS key                     |                                               |
| ⌘F6                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | macOS key                     |                                               |
| ⌘F7                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | macOS key                     |                                               |
| ⌘F8                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | macOS key                     |                                               |
| ⌘F9                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | macOS key                     |                                               |
| ⌘F10                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | macOS key                     |                                               |
| ⌘F11                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | macOS key                     |                                               |
| ⌘F12                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | macOS key                     |                                               |
| ⌘<home>                                                                                                                                      | Scroll to top                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                   | undefined                     |                                               |
| ⌘<end>                                                                                                                                       | Scroll to bottom                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                   | undefined                     |                                               |
| ⌘<pgUp>                                                                                                                                      | Page up                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                   | undefined                     |                                               |
| ⌘<pgDn>                                                                                                                                      | Page down                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                   | undefined                     |                                               |
| ⌘<up>                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | (windmoveup &optional ARG)    |                                               |
| ⌘<down>                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | (windmovedown &optional ARG)  |                                               |
| ⌘<right>                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | (windmoveright &optional ARG) |                                               |
| ⌘<left>                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | (windmoveleft &optional ARG)  |                                               |
| ⌘<tab>                                                                                                                                       | Previous application menu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                   | macOS key                     |                                               |
| ⌘<backspace>                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | undefined                     |                                               |
| ⌘<del>                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | undefined                     |                                               |
| ⌘<ret>                                                                                                                                       | Mark line & send return                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                   | undefined                     |                                               |
| ⌘S<ret>                                                                                                                                      | Send return without marking                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                   | undefined                     |                                               |
| ⌘<space>                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | macOS key                     |                                               |
| ⌘`                                                                                                                                           | Next window of the currently used application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                   | macOS key                     | Next window of the currently used application |
| ⌘1                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | undefined                     |                                               |
| ⌘2                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | undefined                     |                                               |
| ⌘3                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | undefined                     |                                               |
| ⌘4                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | undefined                     |                                               |
| ⌘5                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | undefined                     |                                               |
| ⌘6                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | undefined                     |                                               |
| ⌘7                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | undefined                     |                                               |
| ⌘8                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | undefined                     |                                               |
| ⌘9                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                   | undefined                     |                                               |
| ⌘0                                                                                                                                           | Restore default font size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                   | undefined                     |                                               |
| ⌘                                                                                                                                            | make font smaller                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                   | (centerline &optional NLINES) |                                               |

| macOS Key | Mac OS Terminal                    | Emacs in Terminal mode               | Emacs in Graphics mode                                                                                                                                                                                                  | macOS Key |
|-----------|------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| ⌘=        |                                    |                                      | undefined                                                                                                                                                                                                               |           |
| ⌘~        | previous window                    |                                      | (nsprevframe)                                                                                                                                                                                                           |           |
| ⌘!        |                                    |                                      | undefined                                                                                                                                                                                                               |           |
| ⌘@        |                                    |                                      | undefined                                                                                                                                                                                                               |           |
| ⌘#        | macOS full screen snapshot         |                                      | macOS full screen snapshot                                                                                                                                                                                              |           |
| ⌘\$       | macOS partial screen capture       |                                      | macOS partial screen capture                                                                                                                                                                                            |           |
| ⌘%        | Open macOS screen capture menu     |                                      | macOS pops-up the screen capture menu which can be used to take screen shots in several ways. The menu looks like this: <div>  </div> |           |
| ⌘^        |                                    |                                      | emacs kill all?? No help registers.                                                                                                                                                                                     |           |
| ⌘&        |                                    |                                      | (kill-current-buffer)                                                                                                                                                                                                   |           |
| ⌘*        |                                    |                                      | undefined                                                                                                                                                                                                               |           |
| ⌘(        |                                    |                                      | undefined                                                                                                                                                                                                               |           |
| ⌘)        |                                    |                                      | undefined                                                                                                                                                                                                               |           |
| ⌘_        |                                    |                                      | undefined                                                                                                                                                                                                               |           |
| ⌘+        | make font bigger                   |                                      | undefined                                                                                                                                                                                                               |           |
| ⌘[        |                                    |                                      | undefined                                                                                                                                                                                                               |           |
| ⌘]        |                                    |                                      | undefined                                                                                                                                                                                                               |           |
| ⌘\        |                                    |                                      | undefined                                                                                                                                                                                                               |           |
| ⌘{        |                                    |                                      | undefined                                                                                                                                                                                                               |           |
| ⌘}        |                                    |                                      | undefined                                                                                                                                                                                                               |           |
| ⌘         | Show all tabs or exit tab overview |                                      | (shell-command-on-region START END COMMAND &optional OUTPUT-BUFFER REPLACE ERROR-BUFFER DISPLAY-ERROR-BUFFER REGION-NONCONTIGUOUS-P)                                                                                    |           |
| ⌘;        |                                    |                                      | undefined                                                                                                                                                                                                               |           |
| ⌘‘        |                                    |                                      | (next-multiframe-window)                                                                                                                                                                                                |           |
| ⌘:        |                                    |                                      | (ispell)                                                                                                                                                                                                                |           |
| ⌘"        |                                    |                                      | undefined                                                                                                                                                                                                               |           |
| ⌘,        | Open terminal preferences          |                                      | (customize)                                                                                                                                                                                                             |           |
| ⌘.        | Break (similar to C-c)             | (keyboard-quit)                      | undefined                                                                                                                                                                                                               |           |
| ⌘/        |                                    |                                      | undefined                                                                                                                                                                                                               |           |
| ⌘<        |                                    |                                      | undefined                                                                                                                                                                                                               |           |
| ⌘>        |                                    |                                      | undefined                                                                                                                                                                                                               |           |
| ⌘?        |                                    |                                      | (info &optional FILE-OR-NODE BUFFER)                                                                                                                                                                                    |           |
| ⌘<space>  |                                    |                                      | macOS key: <b>Spotlight Search</b>                                                                                                                                                                                      |           |
| ⌘a        | Select all                         |                                      | (mark-whole-buffer)                                                                                                                                                                                                     |           |
| ⌘b        |                                    |                                      | undefined                                                                                                                                                                                                               |           |
| ⌘c        | Copy                               | Can be used to copy marked text area | (ns-copy-including-secondary)                                                                                                                                                                                           |           |
| ⌘d        | Split window into 2 panes          |                                      | (isearch-repeat-backward)                                                                                                                                                                                               |           |
| ⌘e        | Find using selected text           |                                      | (isearch-yank-kill)                                                                                                                                                                                                     |           |
| ⌘f        | Find                               |                                      | (isearch-forward &optional REGEXP-P NO-RECURSIVE-EDIT)                                                                                                                                                                  |           |
| ⌘g        | Find Next                          |                                      | (isearch-repeat-forward)                                                                                                                                                                                                |           |
| ⌘h        |                                    |                                      | (ns-do-hide-emacs)                                                                                                                                                                                                      |           |
| ⌘i        | Show/hide inspector                |                                      | undefined                                                                                                                                                                                                               |           |
| ⌘j        | Jump to the selected text          |                                      | (exchange-point-and-mark &optional ARG)                                                                                                                                                                                 |           |
| ⌘k        | Clear to start                     |                                      | (kill-current-buffer)                                                                                                                                                                                                   |           |
| ⌘l        | Clear to previous mark             |                                      | (goto-line LINE &optional BUFFER)                                                                                                                                                                                       |           |
| ⌘m        |                                    |                                      | (iconify-frame &optional FRAME)                                                                                                                                                                                         |           |
| ⌘n        | New Window                         |                                      | (make-frame &optional PARAMETERS)                                                                                                                                                                                       |           |
| ⌘o        |                                    |                                      | (ns-open-file-using-panel)                                                                                                                                                                                              |           |
| ⌘p        | print                              |                                      | (ns-print-buffer)                                                                                                                                                                                                       |           |

| macOS Key | Mac OS Terminal                              | Emacs in Terminal mode                     | Emacs in Graphics mode                                         | macOS Key |
|-----------|----------------------------------------------|--------------------------------------------|----------------------------------------------------------------|-----------|
| ⌘q        |                                              |                                            | (save-buffers-kill-emacs &optional ARG)                        |           |
| ⌘r        | Toggle “Allow Mouse Reporting” option        |                                            | undefined                                                      |           |
| ⌘s        | Export text as                               |                                            | (save-buffer &optional ARG)                                    |           |
| ⌘t        | New tab                                      |                                            | (ns-popup-font-panel &optional FRAME)                          |           |
| ⌘u        | Mark                                         |                                            | (revert-buffer &optional IGNORE-AUTO NOCONFIRM PRESERVE-MODES) |           |
| ⌘v        | Paste                                        | (xterm-paste)                              | (yank &optional ARG)                                           |           |
| ⌘w        | Close tab - prompt if process is running     |                                            | (delete-frame &optional FRAME FORCE)                           |           |
| ⌘x        | Cut                                          |                                            | (kill-region BEG END &optional REGION)                         |           |
| ⌘y        |                                              |                                            | (ns-paste-secondary)                                           |           |
| ⌘z        |                                              |                                            | (undo &optional ARG)                                           |           |
| ⌘A        | Select between marks                         |                                            | Same as lowercase                                              |           |
| ⌘B        |                                              |                                            | undefined                                                      |           |
| ⌘C        | Show/Hide colours                            |                                            | (ns-popup-color-panel &optional FRAME)                         |           |
| ⌘D        | Close split pane                             |                                            | (ido-dired)                                                    |           |
| ⌘E        |                                              |                                            | (edit-abbrevs)                                                 |           |
| ⌘F        |                                              |                                            | Same as lowercase                                              |           |
| ⌘G        | Find previous                                |                                            | Same as lowercase                                              |           |
| ⌘H        |                                              |                                            | (ns-do-hide-others)                                            |           |
| ⌘I        | Edit title                                   |                                            | undefined                                                      |           |
| ⌘J        |                                              |                                            | Same as lowercase                                              |           |
| ⌘K        |                                              |                                            | Same as lowercase                                              |           |
| ⌘L        |                                              |                                            | (shell-command COMMAND &optional OUTPUT-BUFFER ERROR-BUFFER)   |           |
| ⌘M        | Insert bookmark                              |                                            | (manual-entry MAN-ARGS)                                        |           |
| ⌘N        | New command                                  |                                            | Same as lowercase                                              |           |
| ⌘O        |                                              |                                            | Same as lowercase                                              |           |
| ⌘P        |                                              |                                            | Same as lowercase                                              |           |
| ⌘Q        | Close <b>all</b> applications and log out.   | Close <b>all</b> applications and log out. | Close <b>all</b> applications and log out.                     |           |
| ⌘R        |                                              |                                            | undefined                                                      |           |
| ⌘S        | Export selected text as                      |                                            | (ns-write-file-using-panel)                                    |           |
| ⌘T        | Show/hide tab bar                            |                                            | Same as lowercase                                              |           |
| ⌘U        | Unmark                                       |                                            | Same as lowercase                                              |           |
| ⌘V        | Paste the selection                          |                                            | Same as lowercase                                              |           |
| ⌘W        | Close window - prompt if process is running  |                                            | Same as lowercase                                              |           |
| ⌘X        |                                              |                                            | Same as lowercase                                              |           |
| ⌘Y        |                                              |                                            | Same as lowercase                                              |           |
| ⌘Z        |                                              |                                            | Same as lowercase                                              |           |
| ⌘^<space> | Open the character viewer                    |                                            | undefined                                                      |           |
| ⌘^?       | Open <b>man</b> page index for word at point |                                            | undefined                                                      |           |
| ⌘^a       |                                              |                                            | undefined                                                      |           |
| ⌘^b       |                                              |                                            | undefined                                                      |           |
| ⌘^c       |                                              |                                            | undefined                                                      |           |
| ⌘^d       |                                              |                                            | Not accessible                                                 |           |
| ⌘^e       |                                              |                                            | undefined                                                      |           |
| ⌘^f       | Enter/Exit full screen                       |                                            | undefined                                                      |           |
| ⌘^g       |                                              |                                            | undefined                                                      |           |
| ⌘^h       |                                              |                                            | undefined                                                      |           |
| ⌘^i       |                                              |                                            | undefined                                                      |           |
| ⌘^j       |                                              |                                            | undefined                                                      |           |
| ⌘^k       |                                              |                                            | undefined                                                      |           |
| ⌘^l       |                                              |                                            | undefined                                                      |           |
| ⌘^m       |                                              |                                            | undefined                                                      |           |

| macOS Key | Mac OS Terminal               | Emacs in Terminal mode | Emacs in Graphics mode                                      | macOS Key |
|-----------|-------------------------------|------------------------|-------------------------------------------------------------|-----------|
| ⌘^n       | new window with same command  |                        | undefined                                                   |           |
| ⌘^o       |                               |                        | undefined                                                   |           |
| ⌘^p       |                               |                        | undefined                                                   |           |
| ⌘^q       |                               |                        | macOS Logout                                                |           |
| ⌘^r       |                               |                        | undefined                                                   |           |
| ⌘^s       |                               |                        | undefined                                                   |           |
| ⌘^t       | new tab with same command     |                        | undefined                                                   |           |
| ⌘^u       |                               |                        | undefined                                                   |           |
| ⌘^v       |                               |                        | undefined                                                   |           |
| ⌘^w       | Paste escaped text            |                        | undefined                                                   |           |
| ⌘^x       |                               |                        | undefined                                                   |           |
| ⌘^y       |                               |                        | undefined                                                   |           |
| ⌘^z       |                               |                        | undefined                                                   |           |
| ⌘^A       |                               |                        | undefined                                                   |           |
| ⌘^B       |                               |                        | undefined                                                   |           |
| ⌘^C       | Copy without background color |                        | undefined                                                   |           |
| ⌘^D       |                               |                        | undefined                                                   |           |
| ⌘^E       |                               |                        | undefined                                                   |           |
| ⌘^F       |                               |                        | undefined                                                   |           |
| ⌘^G       |                               |                        | undefined                                                   |           |
| ⌘^H       |                               |                        | undefined                                                   |           |
| ⌘^I       |                               |                        | undefined                                                   |           |
| ⌘^J       |                               |                        | undefined                                                   |           |
| ⌘^K       |                               |                        | undefined                                                   |           |
| ⌘^L       |                               |                        | undefined                                                   |           |
| ⌘^M       |                               |                        | undefined                                                   |           |
| ⌘^N       |                               |                        | undefined                                                   |           |
| ⌘^O       |                               |                        | undefined                                                   |           |
| ⌘^P       |                               |                        | undefined                                                   |           |
| ⌘^Q       |                               |                        | undefined                                                   |           |
| ⌘^R       |                               |                        | undefined                                                   |           |
| ⌘^S       |                               |                        | undefined                                                   |           |
| ⌘^T       |                               |                        | undefined                                                   |           |
| ⌘^U       |                               |                        | undefined                                                   |           |
| ⌘^V       | Paste escaped selection       |                        | undefined                                                   |           |
| ⌘^W       |                               |                        | undefined                                                   |           |
| ⌘^X       |                               |                        | undefined                                                   |           |
| ⌘^Y       |                               |                        | undefined                                                   |           |
| ⌘^Z       |                               |                        | undefined                                                   |           |
| ⌘\a       |                               |                        | Not accessible                                              |           |
| ⌘\b       |                               |                        | undefined - extended char (this is similar to binding s-⌘ ) |           |
| ⌘\c       |                               |                        | macOS invert screen colours                                 |           |
| ⌘\d       |                               |                        | undefined - extended char (this is similar to binding s-⌘ ) |           |
| ⌘\e       |                               |                        | undefined - extended char (this is similar to binding s-⌘ ) |           |
| ⌘\f       |                               |                        | undefined - extended char (this is similar to binding s-f ) |           |
| ⌘\g       |                               |                        | undefined - extended char (this is similar to binding s-⌘ ) |           |
| ⌘\h       |                               |                        | (ns-do-hide-others) - translated - available                |           |
| ⌘\i       | Edit Background Color         |                        | undefined - extended char                                   |           |
| ⌘\j       |                               |                        | undefined - extended char                                   |           |
| ⌘\k       |                               |                        | undefined - extended char                                   |           |
| ⌘\l       | Clear to previous bookmark    |                        | undefined - extended char                                   |           |

| macOS Key | Mac OS Terminal                                                       | Emacs in Terminal mode | Emacs in Graphics mode                       | macOS Key                        |
|-----------|-----------------------------------------------------------------------|------------------------|----------------------------------------------|----------------------------------|
| ⌘\m       |                                                                       |                        | undefined - extended char                    |                                  |
| ⌘\n       |                                                                       |                        | undefined - extended char                    |                                  |
| ⌘\o       |                                                                       |                        | undefined - extended char                    |                                  |
| ⌘\p       |                                                                       |                        | undefined - extended char                    |                                  |
| ⌘\q       |                                                                       |                        | undefined - extended char                    |                                  |
| ⌘\r       | Soft reset terminal emulator state                                    |                        | undefined - extended char                    |                                  |
| ⌘\s       |                                                                       |                        | undefined - extended char                    |                                  |
| ⌘\t       |                                                                       |                        | undefined - extended char                    |                                  |
| ⌘\u       | Mark as bookmark                                                      |                        | undefined - extended char                    |                                  |
| ⌘\v       |                                                                       |                        | undefined - extended char                    |                                  |
| ⌘\w       | Close all open windows for current application                        |                        | undefined - extended char                    |                                  |
| ⌘\x       |                                                                       |                        | undefined - extended char                    |                                  |
| ⌘\y       |                                                                       |                        | undefined - extended char                    |                                  |
| ⌘\z       |                                                                       |                        | undefined - extended char                    |                                  |
| ⌘\A       |                                                                       |                        | undefined                                    | Show accessibility controls      |
| ⌘\B       |                                                                       |                        | undefined                                    |                                  |
| ⌘\C       | Copy plain text                                                       |                        | undefined                                    |                                  |
| ⌘\D       |                                                                       |                        | Show/Hide macOS Dock                         |                                  |
| ⌘\E       |                                                                       |                        | undefined                                    |                                  |
| ⌘\F       |                                                                       |                        | undefined                                    |                                  |
| ⌘\G       |                                                                       |                        | undefined                                    |                                  |
| ⌘\H       |                                                                       |                        | (ns-do-hide-others) - translated - available |                                  |
| ⌘\I       |                                                                       |                        | undefined                                    | Invert screen colours            |
| ⌘\J       |                                                                       |                        | undefined                                    |                                  |
| ⌘\K       |                                                                       |                        | undefined                                    |                                  |
| ⌘\L       |                                                                       |                        | Show/Hide LaunchPad                          |                                  |
| ⌘\M       | Insert bookmark with name                                             |                        | undefined                                    |                                  |
| ⌘\N       |                                                                       |                        | undefined                                    |                                  |
| ⌘\O       | Toggle “Use Option as Meta key” option                                |                        | undefined                                    |                                  |
| ⌘\P       |                                                                       |                        | undefined                                    |                                  |
| ⌘\Q       |                                                                       |                        | macOS logout other app.                      |                                  |
| ⌘\R       |                                                                       |                        | undefined                                    |                                  |
| ⌘\S       |                                                                       |                        | undefined                                    |                                  |
| ⌘\T       |                                                                       |                        | undefined                                    |                                  |
| ⌘\U       |                                                                       |                        | undefined                                    |                                  |
| ⌘\V       |                                                                       |                        | undefined                                    |                                  |
| ⌘\W       | Close all terminal windows not running processes, prompt, for others. |                        | undefined                                    |                                  |
| ⌘\X       |                                                                       |                        | undefined                                    |                                  |
| ⌘\Y       |                                                                       |                        | undefined                                    |                                  |
| ⌘\Z       |                                                                       |                        | undefined                                    |                                  |
| ⌘\[       | Select the previous input source                                      |                        | undefined                                    | Select the previous input source |
| ⌘\]       | Select the next input source                                          |                        | undefined                                    | Select the next input source     |
| ^r        | Reverse search command history                                        |                        |                                              |                                  |
| ^<tab>    | Next tab                                                              |                        |                                              |                                  |
| ⇧^<tab>   | Previous tab                                                          |                        |                                              |                                  |
| ⌘\<home>  |                                                                       |                        | undefined                                    |                                  |
| ⌘\<end>   |                                                                       |                        | undefined                                    |                                  |
| ⌘\<pgUp>  | Line Up                                                               |                        | undefined                                    |                                  |
| ⌘\<pgDn>  | Line Down                                                             |                        | undefined                                    |                                  |
| ⌘\<up>    | Jump to previous bookmark                                             |                        | undefined                                    |                                  |
| ⌘\<down>  | Jump to next bookmark                                                 |                        | undefined                                    |                                  |

| macOS Key     | Mac OS Terminal                                                                                                                                                                                                                                        | Emacs in Terminal mode | Emacs in Graphics mode    | macOS Key                                                                   |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------|-----------------------------------------------------------------------------|
| ⌘⇧>           |                                                                                                                                                                                                                                                        |                        | undefined                 |                                                                             |
| ⌘⇧<           |                                                                                                                                                                                                                                                        |                        | undefined                 |                                                                             |
| ⌘⇧<tab>       |                                                                                                                                                                                                                                                        |                        | undefined                 |                                                                             |
| ⌘⇧<backspace> |                                                                                                                                                                                                                                                        |                        | undefined                 |                                                                             |
| ⌘⇧<del>       |                                                                                                                                                                                                                                                        |                        | undefined                 |                                                                             |
| ⌘⇧<ret>       |                                                                                                                                                                                                                                                        |                        | undefined                 |                                                                             |
| ⌘⇧<space>     |                                                                                                                                                                                                                                                        |                        | macOS New Smart Folder    |                                                                             |
| ⌘⇧1           | These key sequences are active in the Terminal application only: <ul style="list-style-type: none"> <li>• They change the active window to specified terminal window.</li> <li>• The first Terminal window opened is assigned the ID: ⌘⇧1 .</li> </ul> |                        | undefined - extended char |                                                                             |
| ⌘⇧2           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧3           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧4           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧5           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧6           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧7           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧8           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧9           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧0           |                                                                                                                                                                                                                                                        |                        | undefined - extended char | Toggle global screen zoom on/off                                            |
| ⌘⇧-           |                                                                                                                                                                                                                                                        |                        | undefined - extended char | Global screen zoom out 1 step                                               |
| ⌘⇧=           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧~           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧!           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧@           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧#           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧\$          |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧%           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧^           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧&           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧*           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧(           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧)           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧_           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧+           |                                                                                                                                                                                                                                                        |                        | undefined - extended char | Global screen zoom in 1 step                                                |
| ⌘⇧[           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧]           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧\           |                                                                                                                                                                                                                                                        |                        | undefined - extended char | Toggle image smoothing on/off. Use when global screen zooming is important. |
| ⌘⇧{           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧}           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧            |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧;           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧‘           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧:           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧"           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧,           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧.           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧/           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧<           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧>           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧?           |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧^<home>     |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧^<end>      |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧^<pgUp>     |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧^<pgDn>     |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |
| ⌘⇧^<up>       |                                                                                                                                                                                                                                                        |                        | undefined - extended char |                                                                             |

| macOS Key      | Mac OS Terminal | Emacs in Terminal mode | Emacs in Graphics mode                                         | macOS Key |
|----------------|-----------------|------------------------|----------------------------------------------------------------|-----------|
| ⌘ ^<down>      |                 |                        | undefined - extended char                                      |           |
| ⌘ ^<right>     |                 |                        | undefined - extended char                                      |           |
| ⌘ ^<left>      |                 |                        | undefined - extended char                                      |           |
| ⌘ ^<tab>       |                 |                        | undefined - extended char                                      |           |
| ⌘ ^<backspace> |                 |                        | undefined - extended char                                      |           |
| ⌘ ^<del>       |                 |                        | undefined                                                      |           |
| ⌘ ^<ret>       |                 |                        | undefined                                                      |           |
| ⌘ ^<space>     |                 |                        | undefined                                                      |           |
| ⌘ ^~           |                 |                        | undefined                                                      |           |
| ⌘ ^!           |                 |                        | undefined                                                      |           |
| ⌘ ^@           |                 |                        | undefined                                                      |           |
| ⌘ ^#           |                 |                        | undefined                                                      |           |
| ⌘ ^\$          |                 |                        | undefined                                                      |           |
| ⌘ ^%           |                 |                        | undefined                                                      |           |
| ⌘ ^^           |                 |                        | undefined                                                      |           |
| ⌘ ^&           |                 |                        | undefined                                                      |           |
| ⌘ ^*           |                 |                        | undefined                                                      |           |
| ⌘ ^(           |                 |                        | undefined                                                      |           |
| ⌘ ^)           |                 |                        | undefined                                                      |           |
| ⌘ ^_           |                 |                        | undefined                                                      |           |
| ⌘ ^+           |                 |                        | undefined                                                      |           |
| ⌘ ^`           |                 |                        | undefined                                                      |           |
| ⌘ ^0           |                 |                        | undefined                                                      |           |
| ⌘ ^1           |                 |                        | undefined                                                      |           |
| ⌘ ^2           |                 |                        | undefined                                                      |           |
| ⌘ ^3           |                 |                        | undefined                                                      |           |
| ⌘ ^4           |                 |                        | undefined                                                      |           |
| ⌘ ^5           |                 |                        | undefined                                                      |           |
| ⌘ ^6           |                 |                        | undefined                                                      |           |
| ⌘ ^7           |                 |                        | undefined                                                      |           |
| ⌘ ^8           |                 |                        | undefined                                                      |           |
| ⌘ ^9           |                 |                        | undefined                                                      |           |
| ⌘ ^-           |                 |                        | undefined                                                      |           |
| ⌘ ^=           |                 |                        | undefined                                                      |           |
| ⌘ ^[           |                 |                        | undefined                                                      |           |
| ⌘ ^]           |                 |                        | undefined                                                      |           |
| ⌘ ^\           |                 |                        | undefined                                                      |           |
| ⌘ ^{           |                 |                        | undefined                                                      |           |
| ⌘ ^}           |                 |                        | undefined                                                      |           |
| ⌘ ^            |                 |                        | undefined                                                      |           |
| ⌘ ^;           |                 |                        | undefined                                                      |           |
| ⌘ ^'           |                 |                        | undefined                                                      |           |
| ⌘ ^:           |                 |                        | undefined                                                      |           |
| ⌘ ^"           |                 |                        | undefined                                                      |           |
| ⌘ ^,           |                 |                        | undefined                                                      |           |
| ⌘ ^.           |                 |                        | undefined                                                      |           |
| ⌘ ^/           |                 |                        | undefined                                                      |           |
| ⌘ ^<           |                 |                        | macOS key ???                                                  |           |
| ⌘ ^>           | run sysdiagnose |                        | macOS key: run sysdiagnose. ⚠ This sends information to Apple. |           |
| ⌘ ^?           |                 |                        | Not accessible                                                 |           |
| ⌘ ^a           |                 |                        | undefined                                                      |           |
| ⌘ ^b           |                 |                        | undefined                                                      |           |

| macOS Key | Mac OS Terminal                    | Emacs in Terminal mode | Emacs in Graphics mode | macOS Key |
|-----------|------------------------------------|------------------------|------------------------|-----------|
| ⌘^c       |                                    |                        | undefined              |           |
| ⌘^d       |                                    |                        | undefined              |           |
| ⌘^e       |                                    |                        | undefined              |           |
| ⌘^f       |                                    |                        | undefined              |           |
| ⌘^g       |                                    |                        | undefined              |           |
| ⌘^h       |                                    |                        | undefined              |           |
| ⌘^i       |                                    |                        | undefined              |           |
| ⌘^j       |                                    |                        | undefined              |           |
| ⌘^k       |                                    |                        | undefined              |           |
| ⌘^l       |                                    |                        | undefined              |           |
| ⌘^m       |                                    |                        | undefined              |           |
| ⌘^n       |                                    |                        | undefined              |           |
| ⌘^o       |                                    |                        | undefined              |           |
| ⌘^p       |                                    |                        | undefined              |           |
| ⌘^q       |                                    |                        | undefined              |           |
| ⌘^r       | Hard reset terminal emulator state |                        | undefined              |           |
| ⌘^s       |                                    |                        | undefined              |           |
| ⌘^t       |                                    |                        | undefined              |           |
| ⌘^u       |                                    |                        | undefined              |           |
| ⌘^v       |                                    |                        | undefined              |           |
| ⌘^w       |                                    |                        | undefined              |           |
| ⌘^x       |                                    |                        | undefined              |           |
| ⌘^y       |                                    |                        | undefined              |           |
| ⌘^z       |                                    |                        | undefined              |           |
| ⌘^A       |                                    |                        | undefined              |           |
| ⌘^B       |                                    |                        | undefined              |           |
| ⌘^C       |                                    |                        | undefined              |           |
| ⌘^D       |                                    |                        | undefined              |           |
| ⌘^E       |                                    |                        | undefined              |           |
| ⌘^F       |                                    |                        | undefined              |           |
| ⌘^G       |                                    |                        | undefined              |           |
| ⌘^H       |                                    |                        | undefined              |           |
| ⌘^I       |                                    |                        | undefined              |           |
| ⌘^J       |                                    |                        | undefined              |           |
| ⌘^K       |                                    |                        | undefined              |           |
| ⌘^L       |                                    |                        | undefined              |           |
| ⌘^M       |                                    |                        | undefined              |           |
| ⌘^N       |                                    |                        | undefined              |           |
| ⌘^O       |                                    |                        | undefined              |           |
| ⌘^P       |                                    |                        | undefined              |           |
| ⌘^Q       |                                    |                        | Not accessible         |           |
| ⌘^R       |                                    |                        | undefined              |           |
| ⌘^S       |                                    |                        | undefined              |           |
| ⌘^T       |                                    |                        | undefined              |           |
| ⌘^U       |                                    |                        | undefined              |           |
| ⌘^V       |                                    |                        | undefined              |           |
| ⌘^W       |                                    |                        | undefined              |           |
| ⌘^X       |                                    |                        | undefined              |           |
| ⌘^Y       |                                    |                        | undefined              |           |
| ⌘^Z       |                                    |                        | undefined              |           |