

MadJulia 0.02c – Manual

$$f(z) = z^2 + c$$

Keyboard Shortcuts

← ↑ → ↓	Moves the fractal view by 1 pixel adjusting x, y offsets
ALT + ← ↑ → ↓	Adjusts c₁ and c₂ fractal parameters
HOME	Reset fractal view to center (sets x = 0, y = 0)
+	Increases the iteration count (adds more detail)
-	Decreases the iteration count (removes detail)
Page Up	Increases the hue shift (rotates color gradient in the range 0..359)
Page Dn	Decreases the hue shift
F2	Saves fractal parameters (date, time, zoom, x, y, c ₁ , c ₂ , hue, iterations) to a text file saved.txt and saves a screenshot to screenshots
F3	Toggles the screen overlay on and off
SPACE	Centers the fractal view on the screen based on the mouse position
ESC	Exits the application

Mouse Shortcuts

Left Mouse Button and drag	Click and hold to drag the fractal image to desired position hold SHIFT while dragging to snap to 8 fixed angles (multiples of 45°)
Mouse Wheel	Roll the wheel to zoom in or zoom out of the fractal view

Reference:

https://en.wikipedia.org/wiki/Julia_set