

CSS Grid

Computing

Two dimensions at once: the properties for rows, columns and placement.

Grid controls the container; children can also place themselves.

Defining the grid

grid-template-columns: 1fr 2fr

repeat(3, 1fr) – three equal

repeat(auto-fit, minmax(200px, 1fr))

gap: 1rem

Units

fr – a share of what is left

minmax(a, b) – clamped between

auto – as big as the content

min-content / max-content

Placing children

grid-column: 1 / 3 – span two

grid-column: span 2

grid-row: 2

grid-area: name

Aligning

justify-items – across a cell

align-items – down a cell

place-items: center – both

auto-fit with minmax gives a responsive grid with no media queries at all.