Portrait Periodic Table with symbols and atomic mass



https://periodictable.page/

Portrait Periodic Table PDF with symbols and atomic mass (color): notes

About this sheet

The 18-column table on an upright A4 page, with each tile showing the atomic number, symbol and atomic mass.

Best for

Binders and notebooks where you want masses to hand on a page that matches the rest of your notes.

Printing

Prints well in color. The family shades are light pastels, so the text stays dark and readable and the sheet does not use heavy ink. Sized for A4 portrait: print at 100% (actual size) so the margins stay correct.

What the data shows

Atomic mass runs from 1.008 u for hydrogen to 238.0289 u for uranium, the heaviest element with a standard value. The other 34 elements have no standard value, so their tiles show the mass number of the longest-lived isotope in square brackets.

Carbon weighs 12.011 u and oxygen 15.999 u, so carbon dioxide comes to about 44.01 g/mol.

How the table is organised

Atomic number counts the protons in an atom's nucleus and fixes each element's place in the table. Moving down a group adds a new electron shell, so atomic radius grows and metallic character increases.

More periodic table PDFs are free to download at https://periodictable.page/periodic-table-pdf/.