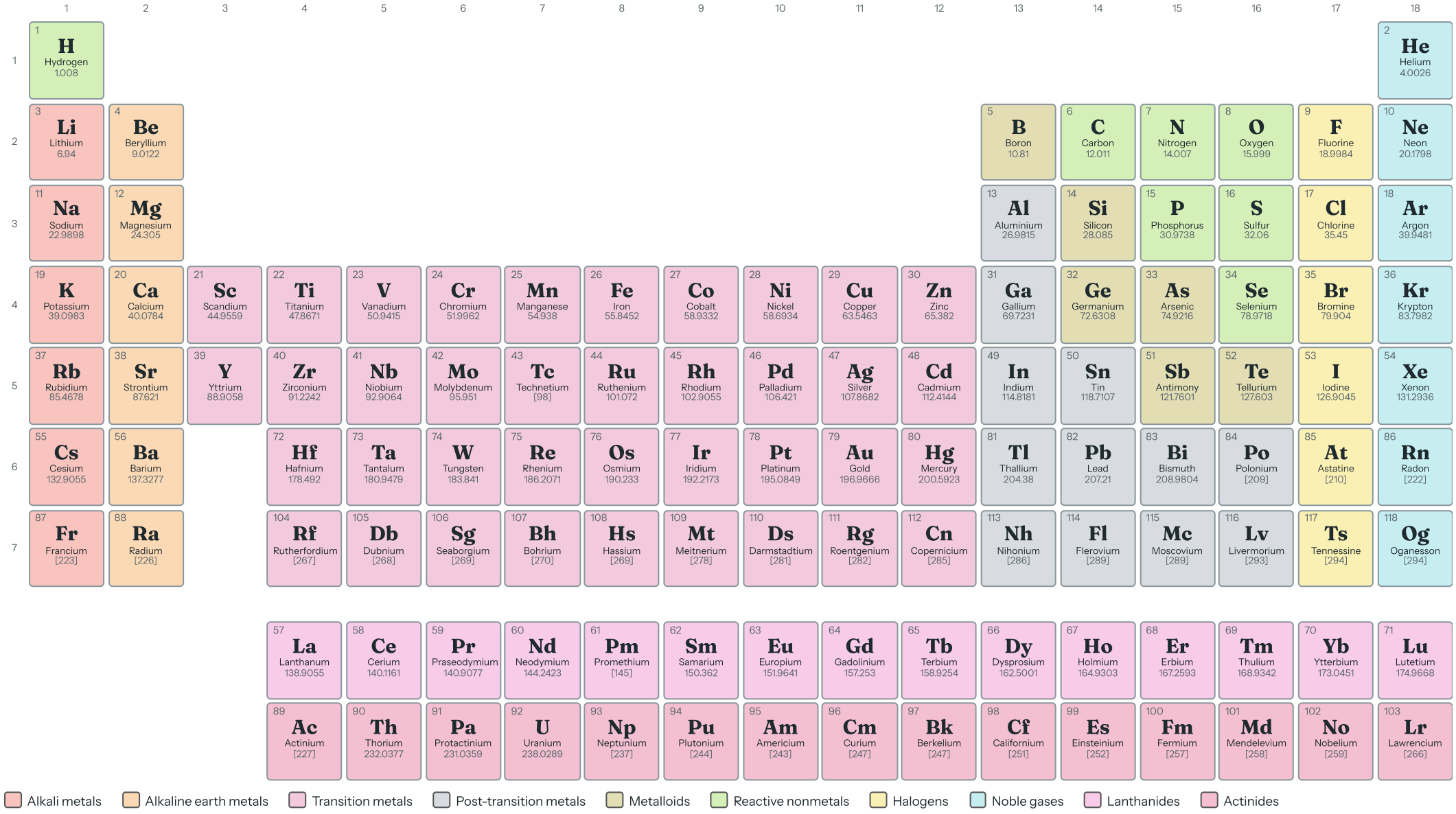
Periodic Table with atomic mass



https://periodictable.page/

Periodic Table PDF with atomic mass (color): notes

About this sheet

The standard 18-column layout, with periods 1 to 7 down the side, groups 1 to 18 across the top, and the lanthanides and actinides in two rows below. Each tile adds the atomic mass in unified atomic mass units (u) under the name. Radioactive elements with no stable isotope show the mass number of the longest-lived isotope in square brackets.

Best for

Molar mass and stoichiometry calculations, and homework that needs atomic masses to several decimal places.

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 landscape: 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/.