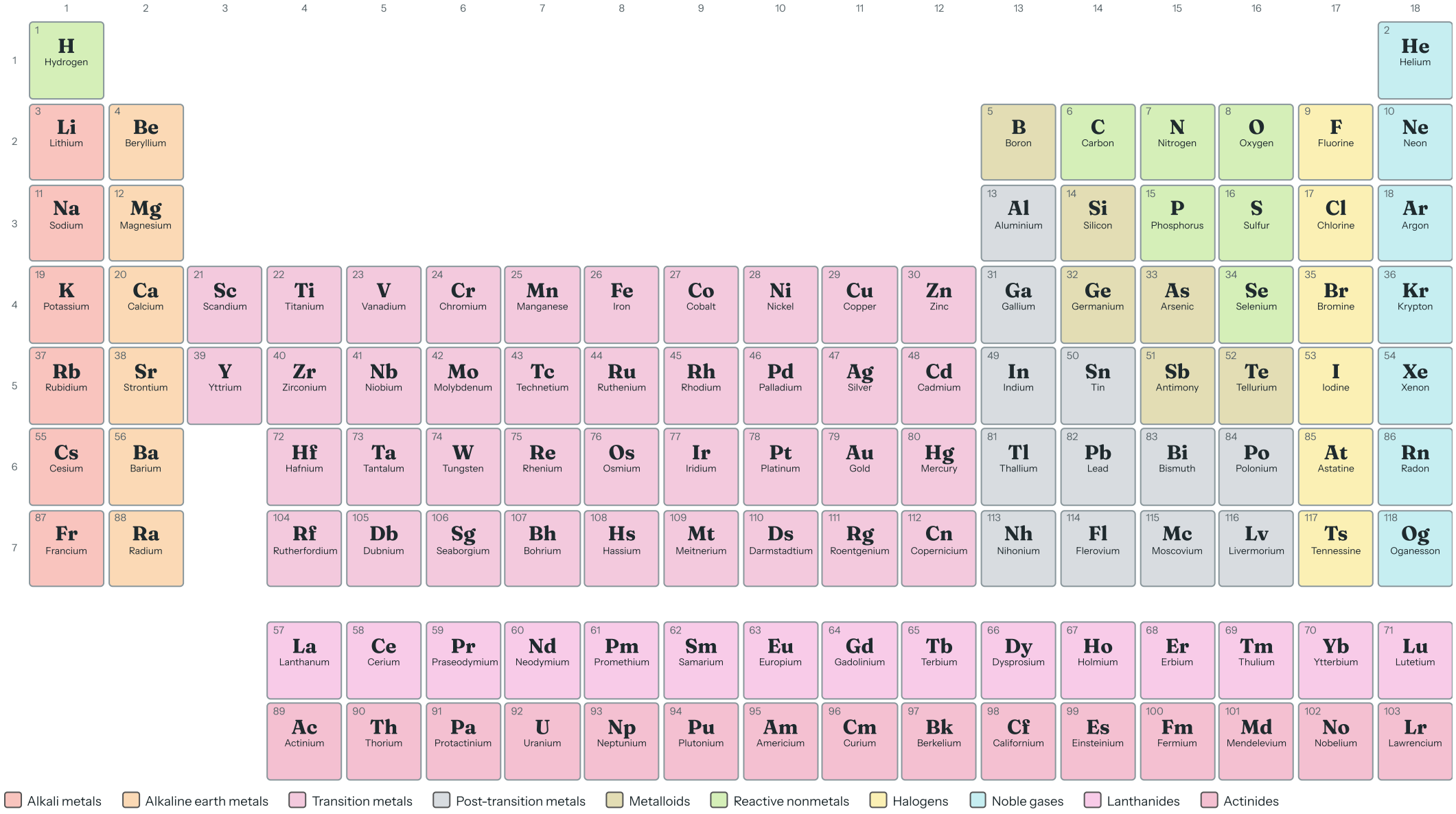
Periodic Table with Groups and Periods Numbered



https://periodictable.page/

Periodic Table PDF with Groups and Periods Numbered: notes

About this sheet

Family colors, group numbers 1 to 18 across the top and period numbers 1 to 7 down the side, with the number, symbol and name on each tile.

Best for

Teaching how to read the table: finding an element from its group and period, and spotting which family it belongs to.

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

Periods 1 to 7 hold 2, 8, 8, 18, 18, 32 and 32 elements. Groups 1, 2 and 13 to 18 are the main groups; groups 3 to 12 are the transition metals.

Elements in the same group share their outer-shell electron count, which is why group 17 are all halogens and group 18 all noble gases.

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/**.