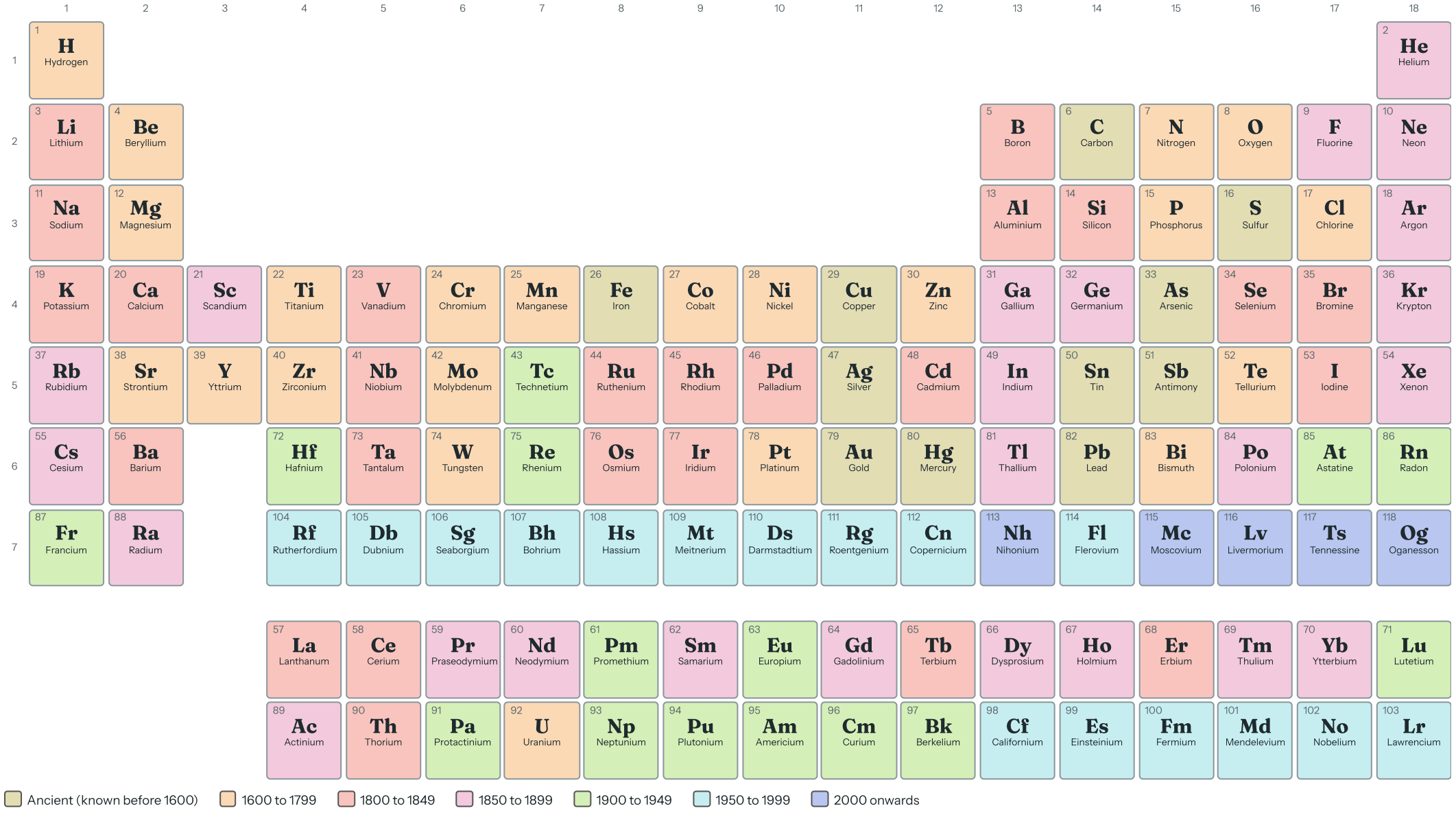
Periodic Table by Year of Discovery



https://periodictable.page/

Periodic Table PDF by Year of Discovery: notes

About this sheet

Each element shaded by when it was discovered: ancient (known before 1600), then in half-century steps from 1600 to 1999, and 2000 onwards.

Best for

History of chemistry lessons, and seeing how the table filled in over time.

Printing

The groups are told apart by color, so print in color. In grayscale some of the light shades look alike.

What the data shows

Elements by period of discovery: 11 before 1600, 22 from 1600 to 1799, 25 from 1800 to 1849, 24 from 1850 to 1899, 15 from 1900 to 1949, 16 from 1950 to 1999 and 5 from 2000 onwards. Elements known since antiquity, such as gold, iron and copper, have no discovery date and fall in the first group.

The shading groups the elements into those same seven periods of discovery.

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/.