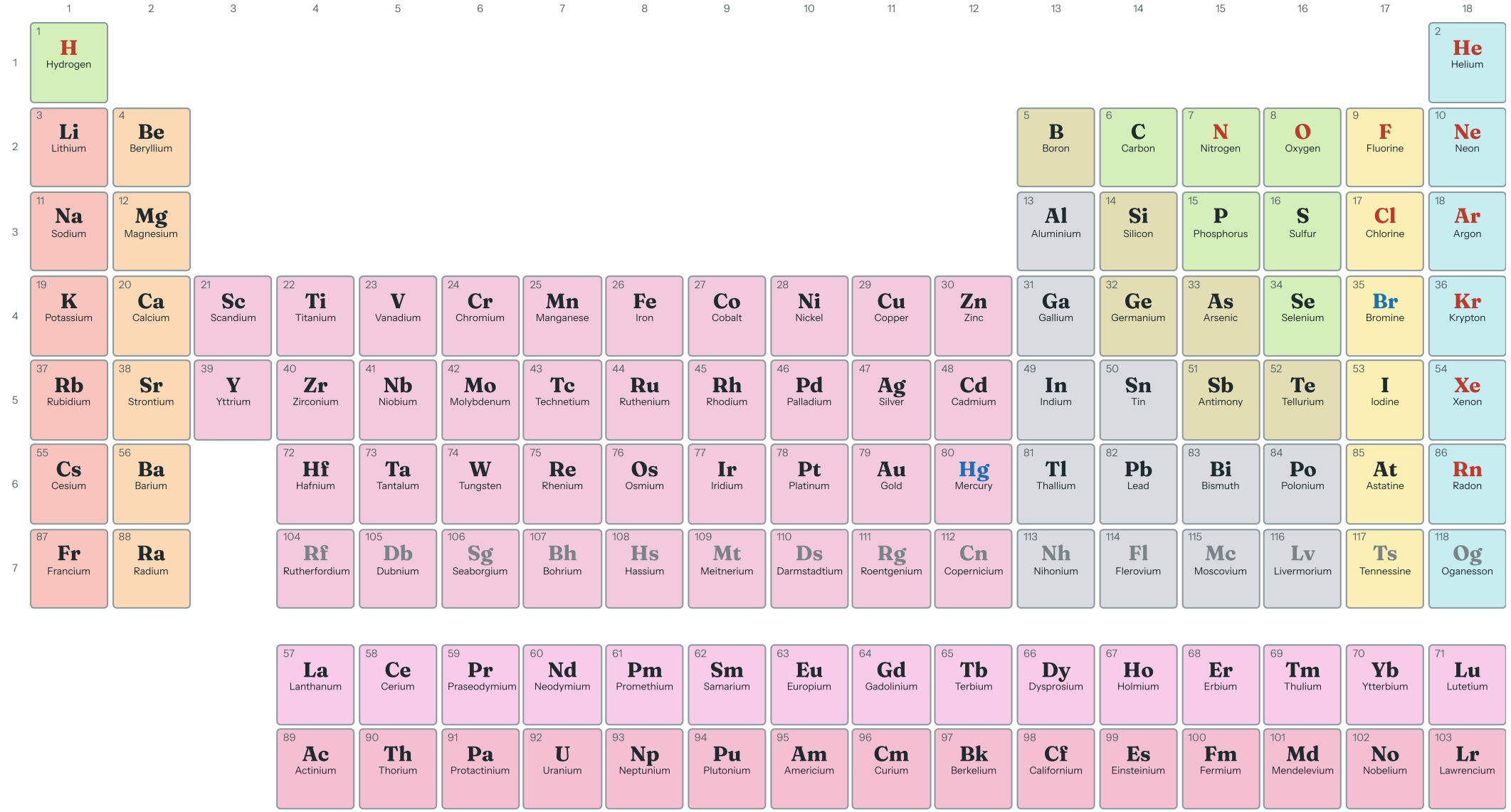
Periodic Table with State of Matter Symbols



Alkali metals | Alkaline earth metals | Transition metals | Post-transition metals | Metalloids | Reactive nonmetals | Halogens | Noble gases | Lanthanides | Actinides

Symbol color shows the state at room temperature: **Aa Solid** **Aa Liquid** **Aa Gas** **Aa Unknown**

https://periodictable.page/

Periodic Table PDF with State of Matter Symbols: notes

About this sheet

Tiles shaded by element family, with each symbol colored by its state at room temperature: solid, liquid (bromine and mercury), gas, or unknown for the elements too unstable to measure.

Best for

Showing two ideas on one page: the family of each element and whether it is a solid, liquid or gas.

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

At room temperature 11 elements are gases, 2 are liquids and 90 are solids; the state of the remaining 15, all superheavy, is unknown. Gas symbols are red, liquid symbols blue and solid symbols black.

The gases are H, He, N, O, F, Ne, Cl, Ar, Kr, Xe and Rn.

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/.