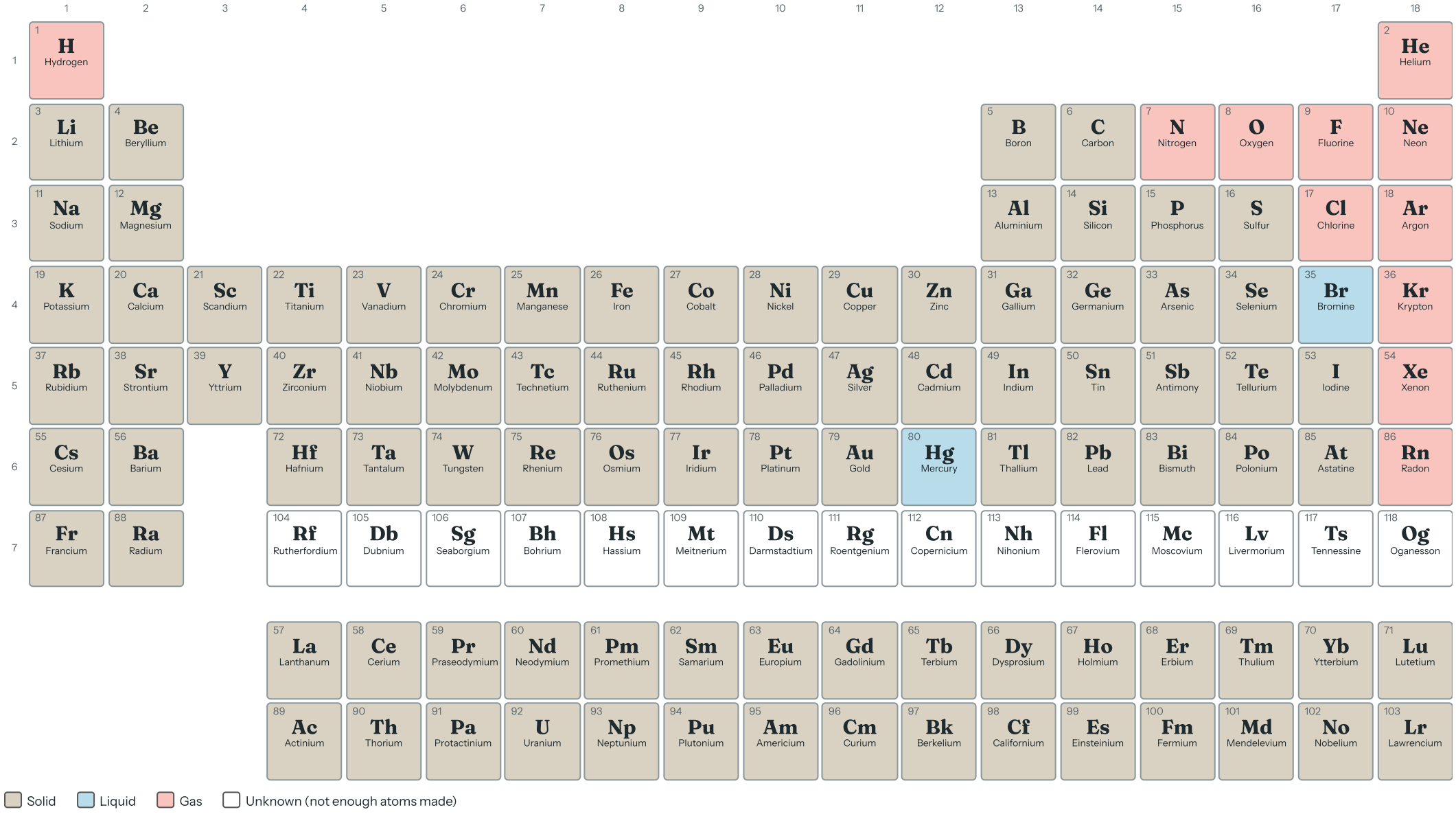
Periodic Table by State of Matter



https://periodictable.page/

Periodic Table PDF: Solids, Liquids and Gases: notes

About this sheet

Every element shaded by its state at room temperature and standard pressure: solid, liquid, gas, or unknown for the superheavy elements too unstable to measure. Only bromine and mercury are liquid.

Best for

Lessons on states of matter and on how physical state relates to position in the table.

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

The two liquids at room temperature are bromine and mercury. The 11 gases are hydrogen, helium, nitrogen, oxygen, fluorine, neon, chlorine, argon, krypton, xenon and radon.

That leaves 90 solids, and 15 superheavy elements whose state has never been measured.

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/.