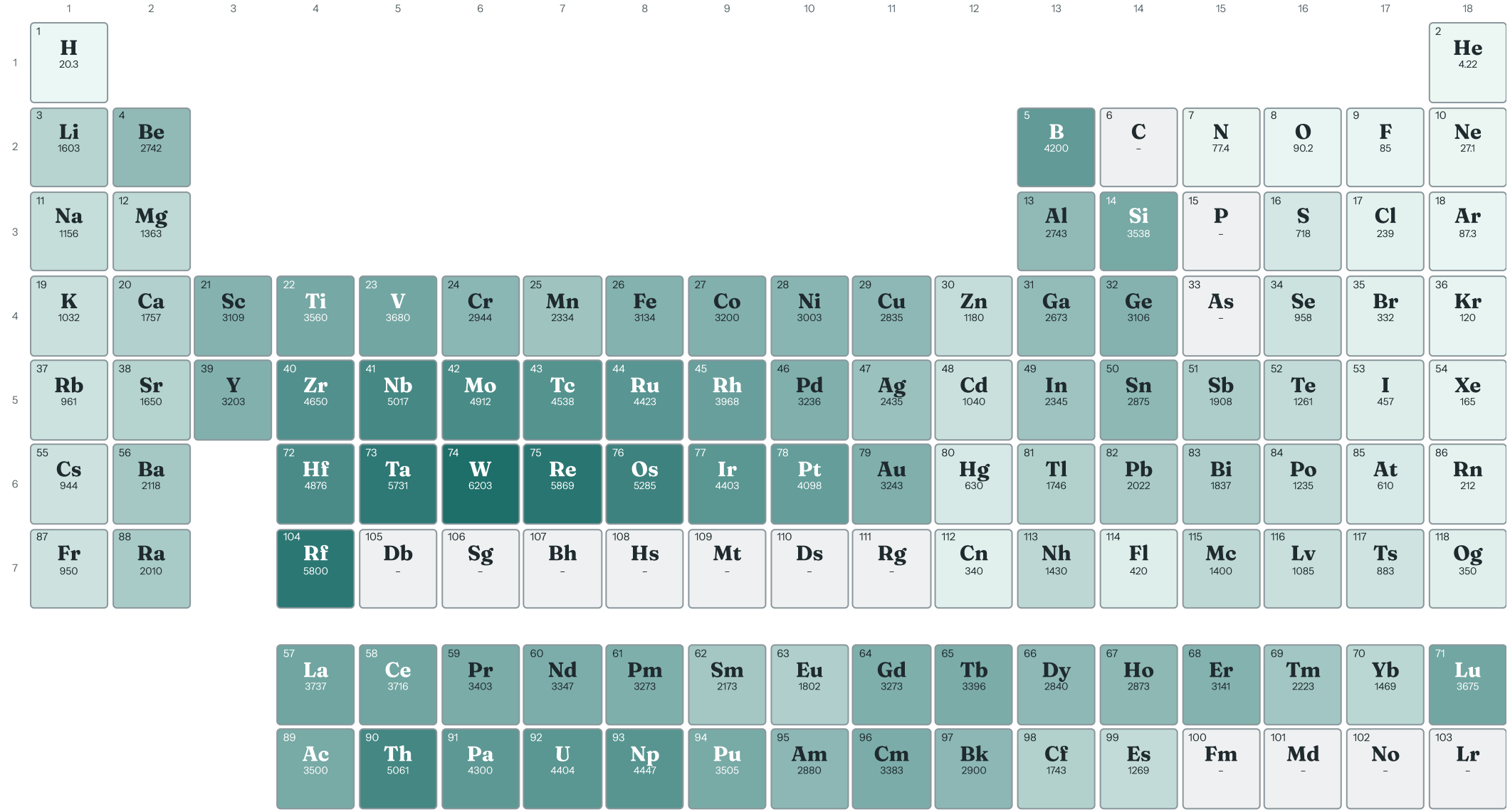
Periodic Table of Boiling Point



Low — High · K · grey tiles have no data

https://periodictable.page/

Periodic Table PDF: Boiling Point Heat Map: notes

About this sheet

Every element shaded by boiling point in K, on a linear scale, with darker tiles for higher boiling points. The printed value is on each tile and tiles with no data are grey. The highest is tungsten (6203) and the lowest is helium (4.222).

Best for

Comparing boiling points across periods and down groups, and picking out the noble gases.

Printing

Heat maps rely on shading, so print in color. In grayscale the darker tiles still read as higher values.

What the data shows

104 of the 118 elements have a value for boiling point, so 14 tiles are grey. The three highest are tungsten (6203), rhenium (5869) and rutherfordium (5800) and the three lowest are helium (4.222), hydrogen (20.27) and neon (27.1), all in K.

Averaged by family, the transition metals sit highest (3641 K) and the noble gases lowest (137.9 K).

The median element is 2554 K, so half the elements fall below that shade.

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/.