**Source:** <https://www.lenntech.com/periodic/name/alphabetic.htm>

**Chemical elements alphabetically listed**

**The elements of** [**the periodic table**](https://www.lenntech.com/periodic/periodic-chart.htm) **sorted by name in an alphabetical list.**

**Click** on any element's name for further chemical properties, environmental data or health effects.

This list contains the 118 elements of chemistry.

|  |  |  |  |
| --- | --- | --- | --- |
| **The chemical elements of the periodic chart sorted by:** | **Name chemical element** | **Symbol** | **Atomic number** |
| **-** [**Name alphabetically**](https://www.lenntech.com/Periodic/name/alphabetic.htm) | [**Actinium**](https://www.lenntech.com/Periodic/elements/Ac.htm) | **Ac** | 89 |
| **-** [**Atomic number**](https://www.lenntech.com/Periodic-chart-elements/atomic-number.htm) | [**Aluminum**](https://www.lenntech.com/Periodic/elements/Al.htm) | **Al** | 13 |
| **-** [**Symbol**](https://www.lenntech.com/Periodic-chart-elements/symbol.htm) | [**Americium**](https://www.lenntech.com/periodic/elements/Am.htm) | **Am** | 95 |
| **-** [**Atomic Mass**](https://www.lenntech.com/Periodic-chart-elements/atomic-mass.htm) | [**Antimony**](https://www.lenntech.com/periodic/elements/Sb.htm) | **Sb** | 51 |
| **-** [**Electronegativity**](https://www.lenntech.com/Periodic-chart-elements/electronegativity.htm) | [**Argon**](https://www.lenntech.com/periodic/elements/Ar.htm) | **Ar** | 18 |
| **-** [**Density**](https://www.lenntech.com/Periodic-chart-elements/density.htm) | [**Arsenic**](https://www.lenntech.com/periodic/elements/As.htm) | **As** | 33 |
| **-** [**Melting point**](https://www.lenntech.com/Periodic-chart-elements/melting-point.htm) | [**Astatine**](https://www.lenntech.com/periodic/elements/At.htm) | **At** | 85 |
| **-** [**Boiling point**](https://www.lenntech.com/Periodic-chart-elements/boiling-point.htm) | [**Barium**](https://www.lenntech.com/periodic/elements/Ba.htm) | **Ba** | 56 |
| **-** [**Vanderwaals radius**](https://www.lenntech.com/Periodic-chart-elements/vanderwaals.htm) | [**Berkelium**](https://www.lenntech.com/periodic/elements/Bk.htm) | **Bk** | 97 |
| **-** [**Year of discovery**](https://www.lenntech.com/Periodic-chart-elements/discovery-year.htm) | [**Beryllium**](https://www.lenntech.com/periodic/elements/Be.htm) | **Be** | 4 |
| **-** [**Inventor surname**](https://www.lenntech.com/Periodic-chart-elements/inventor-surname.htm) | [**Bismuth**](https://www.lenntech.com/periodic/elements/Bi.htm) | **Bi** | 83 |
| - [**Elements in earthcrust**](https://www.lenntech.com/Periodic-chart-elements/earthcrust.htm) | [**Bohrium**](https://www.lenntech.com/periodic/elements/Bh.htm) | **Bh** | 107 |
| - [**Elements in human body**](https://www.lenntech.com/Periodic-chart-elements/human-body.htm) | [**Boron**](https://www.lenntech.com/periodic/elements/B.htm) | **B** | 5 |
| - [**Covalent Radius**](https://www.lenntech.com/Periodic-chart-elements/covalenz.htm) | [**Bromine**](https://www.lenntech.com/periodic/elements/Br.htm) | **Br** | 35 |
| - [**Ionization energy**](https://www.lenntech.com/Periodic-chart-elements/ionization-energy.htm) | [**Cadmium**](https://www.lenntech.com/periodic/elements/Cd.htm) | **Cd** | 48 |
| For chemistry students and teachers: The tabular chart on the right is alphabethically listed.  The first chemical element is Actinium and the last is Zirconium.  Please note that the elements do not show their natural relation towards each other as in the Periodic system. There you can find the metals, semi-conductor(s), non-metal(s), inert noble gas(ses), Halogens, Lanthanoides, Actinoids (rare earth elements) and transition metals. | [**Calcium**](https://www.lenntech.com/Periodic-chart-elements/Ca.htm) | **Ca** | 20 |
| [**Californium**](https://www.lenntech.com/periodic/elements/Cf.htm) | **Cf** | 98 |
| [**Carbon**](https://www.lenntech.com/periodic/elements/C.htm) | **C** | 6 |
| [**Cerium**](https://www.lenntech.com/periodic/elements/Ce.htm) | **Ce** | 58 |
| [**Cesium**](https://www.lenntech.com/periodic/elements/Cs.htm) | **Cs** | 55 |
| [**Chlorine**](https://www.lenntech.com/periodic/elements/Cl.htm) | **Cl** | 17 |
| [**Chromium**](https://www.lenntech.com/periodic/elements/Cr.htm) | **Cr** | 24 |
| [**Cobalt**](https://www.lenntech.com/periodic/elements/Co.htm) | **Co** | 27 |
|  |  |  |
| [**Copernicium**](https://www.lenntech.com/periodic/elements/Uub.htm) | **Cn** | 112 |
| [**Copper**](https://www.lenntech.com/periodic/elements/Cu.htm) | **Cu** | 29 |
| [**Curium**](https://www.lenntech.com/periodic/elements/Cm.htm) | **Cm** | 96 |
| [**Darmstadtium**](https://www.lenntech.com/periodic/elements/Ds.htm) | **Ds** | 110 |
| [**Dubnium**](https://www.lenntech.com/periodic/elements/Db.htm) | **Db** | 105 |
| [**Dysprosium**](https://www.lenntech.com/periodic/elements/Dy.htm) | **Dy** | 66 |
| [**Einsteinium**](https://www.lenntech.com/periodic/elements/Es.htm) | **Es** | 99 |
| [**Erbium**](https://www.lenntech.com/periodic/elements/Er.htm) | **Er** | 68 |
| [**Europium**](https://www.lenntech.com/periodic/elements/Eu.htm) | **Eu** | 63 |
| [**Fermium**](https://www.lenntech.com/periodic/elements/Fm.htm) | **Fm** | 100 |
| [**Flerovium**](https://www.lenntech.com/periodic/elements/Uuq.htm) | **Fl** | 114 |
| [**Fluorine**](https://www.lenntech.com/periodic/elements/F.htm) | **F** | 9 |
|  | [**Francium**](https://www.lenntech.com/periodic/elements/Fr.htm) | **Fr** | 87 |
|  | [**Gadolinium**](https://www.lenntech.com/periodic/elements/Gd.htm) | **Gd** | 64 |
|  | [**Gallium**](https://www.lenntech.com/periodic/elements/Ga.htm) | **Ga** | 31 |
|  | [**Germanium**](https://www.lenntech.com/periodic/elements/Ge.htm) | **Ge** | 32 |
|  | [**Gold**](https://www.lenntech.com/periodic/elements/Au.htm) | **Au** | 79 |
|  | [**Hafnium**](https://www.lenntech.com/periodic/elements/Hf.htm) | **Hf** | 72 |
|  | [**Hassium**](https://www.lenntech.com/periodic/elements/Hs.htm) | **Hs** | 108 |
|  | [**Helium**](https://www.lenntech.com/periodic/elements/He.htm) | **He** | 2 |
|  | [**Holmium**](https://www.lenntech.com/periodic/elements/Ho.htm) | **Ho** | 67 |
|  | [**Hydrogen**](https://www.lenntech.com/periodic/elements/H.htm) | **H** | 1 |
|  | [**Indium**](https://www.lenntech.com/periodic/elements/In.htm) | **In** | 49 |
|  | [**Iodine**](https://www.lenntech.com/periodic/elements/I.htm) | **I** | 53 |
|  | [**Iridium**](https://www.lenntech.com/periodic/elements/Ir.htm) | **Ir** | 77 |
|  | [**Iron**](https://www.lenntech.com/periodic/elements/Fe.htm) | **Fe** | 26 |
|  | [**Krypton**](https://www.lenntech.com/periodic/elements/Kr.htm) | **Kr** | 36 |
|  | [**Lanthanum**](https://www.lenntech.com/periodic/elements/La.htm) | **La** | 57 |
|  | [**Lawrencium**](https://www.lenntech.com/periodic/elements/Lr.htm) | **Lr** | 103 |
|  | [**Lead**](https://www.lenntech.com/periodic/elements/Pb.htm) | **Pb** | 82 |
|  | [**Lithium**](https://www.lenntech.com/periodic/elements/Li.htm) | **Li** | 3 |
|  | [**Livermorium**](https://www.lenntech.com/periodic/elements/Uuh.htm) | **Lv** | 116 |
|  | [**Lutetium**](https://www.lenntech.com/periodic/elements/Lu.htm) | **Lu** | 71 |
|  | [**Magnesium**](https://www.lenntech.com/periodic/elements/Mg.htm) | **Mg** | 12 |
|  | [**Manganese**](https://www.lenntech.com/periodic/elements/Mn.htm) | **Mn** | 25 |
|  | [**Meitnerium**](https://www.lenntech.com/periodic/elements/Mt.htm) | **Mt** | 109 |
|  | [**Mendelevium**](https://www.lenntech.com/periodic/elements/Md.htm) | **Md** | 101 |
|  | [**Mercury**](https://www.lenntech.com/periodic/elements/Hg.htm) | **Hg** | 80 |
|  | [**Molybdenum**](https://www.lenntech.com/periodic/elements/Mo.htm) | **Mo** | 42 |
|  | [**Moscovium**](https://www.lenntech.com/periodic/elements/Uup.htm) | **Mc** | 115 |
|  | [**Neodymium**](https://www.lenntech.com/periodic/elements/Nd.htm) | **Nd** | 60 |
|  | [**Neon**](https://www.lenntech.com/periodic/elements/Ne.htm) | **Ne** | 10 |
|  | [**Neptunium**](https://www.lenntech.com/periodic/elements/Np.htm) | **Np** | 93 |
|  | [**Nickel**](https://www.lenntech.com/periodic/elements/Ni.htm) | **Ni** | 28 |
|  | [**Nihonium**](https://www.lenntech.com/periodic/elements/Uut.htm) | **Nh** | 113 |
|  | [**Niobium**](https://www.lenntech.com/periodic/elements/Nb.htm) | **Nb** | 41 |
|  | [**Nitrogen**](https://www.lenntech.com/periodic/elements/N.htm) | **N** | 7 |
|  | [**Nobelium**](https://www.lenntech.com/periodic/elements/No.htm) | **No** | 102 |
|  | [**Oganesson**](https://www.lenntech.com/periodic/elements/Uuo.htm) | **Og** | 118 |
|  | [**Osmium**](https://www.lenntech.com/periodic/elements/Os.htm) | **Os** | 76 |
|  | [**Oxygen**](https://www.lenntech.com/periodic/elements/O.htm) | **O** | 8 |
|  | [**Palladium**](https://www.lenntech.com/periodic/elements/Pd.htm) | **Pd** | 46 |
|  | [**Phosphorus**](https://www.lenntech.com/periodic/elements/P.htm) | **P** | 15 |
|  | [**Platinum**](https://www.lenntech.com/periodic/elements/Pt.htm) | **Pt** | 78 |
|  | [**Plutonium**](https://www.lenntech.com/periodic/elements/Pu.htm) | **Pu** | 94 |
|  | [**Polonium**](https://www.lenntech.com/periodic/elements/Po.htm) | **Po** | 84 |
|  | [**Potassium**](https://www.lenntech.com/periodic/elements/K.htm) | **K** | 19 |
|  | [**Praseodymium**](https://www.lenntech.com/periodic/elements/Pr.htm) | **Pr** | 59 |
|  | [**Promethium**](https://www.lenntech.com/periodic/elements/Pm.htm) | **Pm** | 61 |
|  | [**Protactinium**](https://www.lenntech.com/periodic/elements/Pa.htm) | **Pa** | 91 |
|  | [**Radium**](https://www.lenntech.com/periodic/elements/Ra.htm) | **Ra** | 88 |
|  | [**Radon**](https://www.lenntech.com/periodic/elements/Rn.htm) | **Rn** | 86 |
|  | [**Rhenium**](https://www.lenntech.com/periodic/elements/Re.htm) | **Re** | 75 |
|  | [**Rhodium**](https://www.lenntech.com/periodic/elements/Rh.htm) | **Rh** | 45 |
|  | [**Roentgenium**](https://www.lenntech.com/periodic/elements/Rg.htm) | **Rg** | 111 |
|  | [**Rubidium**](https://www.lenntech.com/periodic/elements/Rb.htm) | **Rb** | 37 |
|  | [**Ruthenium**](https://www.lenntech.com/periodic/elements/Ru.htm) | **Ru** | 44 |
|  | [**Rutherfordium**](https://www.lenntech.com/periodic/elements/Rf.htm) | **Rf** | 104 |
|  | [**Samarium**](https://www.lenntech.com/periodic/elements/Sm.htm) | **Sm** | 62 |
|  | [**Scandium**](https://www.lenntech.com/periodic/elements/Sc.htm) | **Sc** | 21 |
|  | [**Seaborgium**](https://www.lenntech.com/periodic/elements/Sg.htm) | **Sg** | 106 |
|  | [**Selenium**](https://www.lenntech.com/periodic/elements/Se.htm) | **Se** | 34 |
|  | [**Silicon**](https://www.lenntech.com/periodic/elements/Si.htm) | **Si** | 14 |
|  | [**Silver**](https://www.lenntech.com/periodic/elements/Ag.htm) | **Ag** | 47 |
|  | [**Sodium**](https://www.lenntech.com/periodic/elements/Na.htm) | **Na** | 11 |
|  | [**Strontium**](https://www.lenntech.com/periodic/elements/Sr.htm) | **Sr** | 38 |
|  | [**Sulfur**](https://www.lenntech.com/periodic/elements/S.htm) | **S** | 16 |
|  | [**Tantalum**](https://www.lenntech.com/periodic/elements/Ta.htm) | **Ta** | 73 |
|  | [**Technetium**](https://www.lenntech.com/periodic/elements/Tc.htm) | **Tc** | 43 |
|  | [**Tellurium**](https://www.lenntech.com/periodic/elements/Te.htm) | **Te** | 52 |
|  | [**Tennessine**](https://www.lenntech.com/periodic/elements/Uus.htm) | **Ts** | 117 |
|  | [**Terbium**](https://www.lenntech.com/periodic/elements/Tb.htm) | **Tb** | 65 |
|  | [**Thallium**](https://www.lenntech.com/periodic/elements/Tl.htm) | **Tl** | 81 |
|  | [**Thorium**](https://www.lenntech.com/periodic/elements/Th.htm) | **Th** | 90 |
|  | [**Thulium**](https://www.lenntech.com/periodic/elements/Tm.htm) | **Tm** | 69 |
|  | [**Tin**](https://www.lenntech.com/periodic/elements/Sn.htm) | **Sn** | 50 |
|  | [**Titanium**](https://www.lenntech.com/periodic/elements/Ti.htm) | **Ti** | 22 |
|  | [**Tungsten**](https://www.lenntech.com/periodic/elements/W.htm) | **W** | 74 |
|  | [**Uranium**](https://www.lenntech.com/periodic/elements/U.htm) | **U** | 92 |
|  | [**Vanadium**](https://www.lenntech.com/periodic/elements/V.htm) | **V** | 23 |
|  | [**Xenon**](https://www.lenntech.com/periodic/elements/Xe.htm) | **Xe** | 54 |
|  | [**Ytterbium**](https://www.lenntech.com/periodic/elements/Yb.htm) | **Yb** | 70 |
|  | [**Yttrium**](https://www.lenntech.com/periodic/elements/Y.htm) | **Y** | 39 |
|  | [**Zinc**](https://www.lenntech.com/periodic/elements/Zn.htm) | **Zn** | 30 |
|  | [**Zirconium**](https://www.lenntech.com/periodic/elements/Zr.htm) | **Zr** | 40 |

* **\* \***

**Click here: for a** [**schematic overview of the periodic table of elements in chart form**](https://www.lenntech.com/periodic-chart.htm)

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