

Periodic Table of the Elements

<p>■Element number color</p> <p>Red characters indicate single substances that are gases at normal temperature and normal atmospheric pressure (25°C, 1 atmosphere).</p> <p>Blue characters indicate single substances that are liquids at normal temperature and normal atmospheric pressure.</p> <p>Black characters indicate single substances that are solids at normal temperature and normal atmospheric pressure.</p>																	
<p>■Cell color</p> <p>Elements in cells of this color possess metallic characteristics (they are shiny, conduct heat and electricity easily and become ionized easily, etc.).</p> <p>Elements in cells of this color possess non-metallic characteristics.</p> <p>Elements in cells of this color are single substances with intermediary (semi-conductive, semi-metallic) characteristics.</p>																	
1 H Hydrogen 1.0080																	2 He Helium 4.0026
3 Li Lithium 6.968	4 Be Beryllium 9.01218											13 B Boron 10.814	14 C Carbon 12.0106	15 N Nitrogen 14.0069	16 O Oxygen 15.9994	17 F Fluorine 15.9994	18 Ne Neon 20.1797
11 Na Sodium 22.9898	12 Mg Magnesium 24.306											13 Al Aluminium 26.9815	14 Si Silicon 28.085	15 P Phosphorus 30.9738	16 S Sulfur 32.068	17 Cl Chlorine 35.452	18 Ar Argon 39.948
19 K Potassium 39.0983	20 Ca Calcium 40.078	21 Sc Scandium 44.9559	22 Ti Titanium 47.867	23 V Vanadium 50.9415	24 Cr Chromium 51.9961	25 Mn Manganese 54.9380	26 Fe Iron 55.845	27 Co Cobalt 58.9332	28 Ni Nickel 58.6934	29 Cu Copper 63.546	30 Zn Zinc 65.38	31 Ga Gallium 69.723	32 Ge Germanium 72.630	33 As Arsenic 74.9216	34 Se Selenium 78.971	35 Br Bromine 79.904	36 Kr Krypton 83.798
37 Rb Rubidium 85.4678	38 Sr Strontium 87.62	39 Y Yttrium 88.9058	40 Zr Zirconium 91.224	41 Nb Niobium 92.9064	42 Mo Molybdenum 95.95	43 Tc Technetium [99]	44 Ru Ruthenium 101.07	45 Rh Rhodium 102.906	46 Pd Palladium 106.42	47 Ag Silver 107.868	48 Cd Cadmium 112.414	49 In Indium 114.818	50 Sn Tin 118.710	51 Sb Antimony 121.760	52 Te Tellurium 127.60	53 I Iodine 126.904	54 Xe Xenon 131.293
55 Ce Cesium 132.905	56 Ba Barium 137.327	57 - 71 Lanthanides	72 Hf Hafnium 178.49	73 Ta Tantalum 180.948	74 W Tungsten 183.84	75 Re Rhenium 186.207	76 Os Osmium 190.23	77 Ir Iridium 192.217	78 Pt Platinum 195.084	79 Au Gold 196.967	80 Hg Mercury 200.592	81 Tl Thallium 204.384	82 Pb Lead 207.2	83 Bi Bismuth 208.980	84 Po Polonium [210]	85 At Astatine [210]	86 Rn Radon [222]
87 Fr Francium [233]	88 Ra Radium [226]	89 - 103 Actinides	104 Rf Rutherfordium [267]	105 Db Dubnium [268]	106 Sg Seaborgium [271]	107 Bh Bohrium [272]	108 Hs Hassium [277]	109 Mt Meitnerium [276]	110 Ds Darmstadtium [281]	111 Rg Roentgenium [280]	112 Cn Copernicium [285]	113 Nh Nihonium [278]	114 Fl Flerovium [298]	115 Mc Moscovium [289]	116 Lv Livermorium [293]	117 Ts Tennessine [293]	118 Og Oganesson [294]
Lanthanides		57 La Lanthanum 138.905	58 Ce Cerium 140.116	59 Pr Praseodymium 140.908	60 Nd Neodymium 144.242	61 Pm Promethium [145]	62 Sm Samarium 150.36	63 Eu Europium 151.964	64 Gd Gadolinium 157.25	65 Tb Terbium 158.925	66 Dy Dysprosium 162.500	67 Ho Holmium 164.930	68 Er Erbium 167.259	69 Tm Thulium 168.934	70 Yb Ytterbium 173.045	71 Lu Lutetium 174.967	
Actinides		89 Ac Actinium [227]	90 Th Thorium 232.038	91 Pa Protactinium 231.036	92 U Uranium 238.029	93 Np Neptunium [237]	94 Pu Plutonium [239]	95 Am Americium [243]	96 Cm Curium [247]	97 Bk Berkelium [247]	98 Cf Californium [252]	99 Es Einsteinium [252]	100 Fm Fermium [257]	101 Md Mendelevium [258]	102 No Nobelium [259]	103 Lr Lawrencium [262]	

* The atomic weight of elements whose atomic weight has a range lists an intermediate value.

* An example of the mass number of the radioactive isotope of elements without stable isotopes that do not exhibit a specific isotope composition in nature is given in the brackets [].