

1													18																																	
Hydrogen 1 H 1.0079 0.090 -252.87													Helium 2 He 4.0026 0.177 -268.93																																	
Lithium 3 Li 6.941 0.54 180.5		Beryllium 4 Be 9.0122 1.85 1287		Standard Catalogue items													Boron 5 B 10.811 2.46 2076		Carbon 6 C 12.011 2.27 3500		Nitrogen 7 N 14.007 1.251 -195.79		Oxygen 8 O 15.999 1.429 -182.95		Fluorine 9 F 18.998 1.696 -188.12		Neon 10 Ne 20.180 0.900 -246.08																			
Sodium 11 Na 22.990 0.97 97.7		Magnesium 12 Mg 24.305 1.74 650															Aluminium 13 Al 26.982 2.70 660.3		Silicon 14 Si 28.086 2.33 1414		Phosphorus 15 P 30.974 1.82 44.2		Sulphur 16 S 32.065 1.96 115.2		Chlorine 17 Cl 35.453 3.214 -34.04		Argon 18 Ar 39.948 1.784 -185.85																			
3													4																																	
5													6																																	
7													8																																	
9													10																																	
11													12																																	
Potassium 19 K 39.098 0.86 63.4													Calcium 20 Ca 40.078 1.55 842		Scandium 21 Sc 44.956 2.99 1541		Titanium 22 Ti 47.867 4.51 1668		Vanadium 23 V 50.942 6.11 1910		Chromium 24 Cr 51.996 7.14 1907		Manganese 25 Mn 54.938 7.47 1246		Iron 26 Fe 55.845 7.87 1538		Cobalt 27 Co 58.933 8.90 1495		Nickel 28 Ni 58.693 8.91 1455		Copper 29 Cu 63.546 8.92 1084.6		Zinc 30 Zn 65.39 7.14 419.5		Gallium 31 Ga 69.723 5.90 29.8		Germanium 32 Ge 72.64 5.32 938.3		Arsenic 33 As 74.922 5.73 816.9		Selenium 34 Se 78.96 4.82 221		Bromine 35 Br 79.904 3.12 -7.3		Krypton 36 Kr 83.80 3.733 -153.22	
Rubidium 37 Rb 85.468 1.53 39.3		Strontium 38 Sr 87.62 2.63 777		Yttrium 39 Y 88.906 4.47 1526		Zirconium 40 Zr 91.224 6.51 1855		Niobium 41 Nb 92.906 8.57 2477		Molybdenum 42 Mo 95.96 10.28 2623		Technetium 43 Tc [98] 11.5 2157		Ruthenium 44 Ru 101.07 12.37 2334		Rhodium 45 Rh 102.91 12.45 1964		Palladium 46 Pd 106.42 12.02 1554.9		Silver 47 Ag 107.87 10.49 961.8		Cadmium 48 Cd 112.41 8.65 321.1		Indium 49 In 114.82 7.31 156.6		Tin 50 Sn 118.71 7.31 231.9		Antimony 51 Sb 121.76 6.70 630.6		Tellurium 52 Te 127.60 6.24 449.5		Iodine 53 I 126.90 4.94 113.7		Xenon 54 Xe 131.29 5.887 -108.05												
Caesium 55 Cs 132.91 1.88 28.4		Barium 56 Ba 137.33 3.51 727		Lutetium 71 Lu 174.97 9.84 1652		Hafnium 72 Hf 178.49 13.31 2233		Tantalum 73 Ta 180.95 16.65 3017		Tungsten 74 W 183.84 19.25 3422		Rhenium 75 Re 186.21 21.02 3186		Osmium 76 Os 190.23 22.61 3033		Iridium 77 Ir 192.22 22.65 2466		Platinum 78 Pt 195.08 21.09 1768.3		Gold 79 Au 196.97 19.30 1064.2		Mercury 80 Hg 200.59 13.55 -38.83		Thallium 81 Tl 204.38 11.85 304		Lead 82 Pb 207.2 11.34 327.5		Bismuth 83 Bi 208.98 9.78 271.3		Polonium 84 Po [209] 9.20 254		Astatine 85 At [210] - 302		Radon 86 Rn [222] 9.73 -61.85												
Francium 87 Fr [223] - -		Radium 88 Ra [226] 5.0 700		Lawrencium 103 Lr [262] - 1627		Rutherfordium 104 Rf [265] - -		Dubnium 105 Db [268] - -		Seaborgium 106 Sg [271] - -		Bohrium 107 Bh [272] - -		Hassium 108 Hs [270] - -		Meitnerium 109 Mt [276] - -		Darmstadtium 110 Ds [281] - -		Roentgenium 111 Rg [280] - -		Copernicium 112 Cn [285] - -		Nihonium 113 Nh [286] - -		Flerovium 114 Fl [289] - -		Moscovium 115 Mc [289] - -		Livermorium 116 Lv [293] - -		Tennessine 117 Ts [294] - -		Oganesson 118 Og [294] - -												

Element Name  
Atomic No. **Symbol**  
Atomic weight  
Density  
M.pt./B.pt.(°C)

← Solids & Liquids (g/cm<sup>3</sup>) Gases(g/l)  
← Melting point (Solids & Liquids) · Boiling point (Gases)

Lanthanum 57 La 138.91 6.146 920		Cerium 58 Ce 140.12 6.689 795		Praseodymium 59 Pr 140.91 6.64 935		Neodymium 60 Nd 144.24 6.80 1024		Promethium 61 Pm [145] 7.264 1100		Samarium 62 Sm 150.36 7.353 1072		Europium 63 Eu 151.96 5.244 826		Gadolinium 64 Gd 157.25 7.901 1312		Terbium 65 Tb 158.93 8.219 1356		Dysprosium 66 Dy 162.50 8.551 1407		Holmium 67 Ho 164.93 8.795 1461		Erbium 68 Er 167.26 9.066 1529		Thulium 69 Tm 168.93 9.321 1545		Ytterbium 70 Yb 173.04 6.57 824	
Actinium 89 Ac [227] 10.07 1050		Thorium 90 Th 232.04 11.72 1750		Protactinium 91 Pa 231.04 15.37 1568		Uranium 92 U 238.03 19.05 1132		Neptunium 93 Np [237] 20.45 637		Plutonium 94 Pu [244] 19.816 639		Americium 95 Am [243] 13.78 1176		Curium 96 Cm [247] 13.51 1340		Berkelium 97 Bk [247] 14.78 986		Californium 98 Cf [251] 15.1 900		Einsteinium 99 Es [252] 13.50 860		Fermium 100 Fm [257] - 1527		Mendelevium 101 Md [258] - 827		Nobelium 102 No [259] - 827	



# PERIODIC TABLE OF THE ELEMENTS

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