

IUPAC Periodic Table of the Elements

1 H hydrogen [1.0078, 1.0082]	2 He helium 4.0026																	18
3 Li lithium 6.94 [6.938, 6.997]	4 Be beryllium 9.0122	5 B boron 10.81 [10.806, 10.821]	6 C carbon 12.011 [12.009, 12.012]	7 N nitrogen 14.007 [14.006, 14.008]	8 O oxygen 15.999 [15.999, 16.000]	9 F fluorine 18.998	10 Ne neon 20.180											17
11 Na sodium 22.990 [24.304, 24.307]	12 Mg magnesium 24.305	13 Al aluminium 26.982 [28.084, 28.086]	14 Si silicon 28.086	15 P phosphorus 30.974 [32.059, 32.076]	16 S sulfur 32.06	17 Cl chlorine 35.45 [35.446, 35.457]	18 Ar argon 39.95 [39.792, 39.963]											35
19 K potassium 39.098 [39.096, 39.101]	20 Ca calcium 40.078(4)	21 Sc scandium 44.956 [44.955, 44.957]	22 Ti titanium 47.867 [47.867, 47.867]	23 V vanadium 50.942 [50.942, 50.942]	24 Cr chromium 51.996 [51.996, 51.996]	25 Mn manganese 54.938 [54.938, 54.938]	26 Fe iron 55.845(2)	27 Co cobalt 58.933 [58.933, 58.933]	28 Ni nickel 58.693 [58.693, 58.693]	29 Cu copper 63.546(3)	30 Zn zinc 65.38(2)	31 Ga gallium 69.723 [69.723, 69.723]	32 Ge germanium 72.630(6)	33 As arsenic 74.922 [74.922, 74.922]	34 Se selenium 78.971(8)	35 Br bromine 79.904 [79.901, 79.907]	36 Kr krypton 83.798(2)	54
37 Rb rubidium 85.468 [85.468, 85.468]	38 Sr strontium 87.62 [87.62, 87.62]	39 Y yttrium 88.906 [88.906, 88.906]	40 Zr zirconium 91.224(2)	41 Nb niobium 92.906 [92.906, 92.906]	42 Mo molybdenum 95.95 [95.95, 95.95]	43 Tc technetium	44 Ru ruthenium 101.07(2)	45 Rh rhodium 102.91 [102.91, 102.91]	46 Pd palladium 106.42 [106.42, 106.42]	47 Ag silver 107.87 [107.87, 107.87]	48 Cd cadmium 112.41 [112.41, 112.41]	49 In indium 114.82 [114.82, 114.82]	50 Sn tin 118.71 [118.71, 118.71]	51 Sb antimony 121.76 [121.76, 121.76]	52 Te tellurium 127.60(3)	53 I iodine 126.90 [126.90, 126.90]	54 Xe xenon 131.29 [131.29, 131.29]	86
55 Cs caesium 132.91 [132.91, 132.91]	56 Ba barium 137.33 [137.33, 137.33]	57-71 lanthanoids	72 Hf hafnium 178.49(2)	73 Ta tantalum 180.95 [180.95, 180.95]	74 W tungsten 183.84 [183.84, 183.84]	75 Re rhenium 186.21 [186.21, 186.21]	76 Os osmium 190.23(3)	77 Ir iridium 192.22 [192.22, 192.22]	78 Pt platinum 195.08 [195.08, 195.08]	79 Au gold 196.97 [196.97, 196.97]	80 Hg mercury 200.59 [200.59, 200.59]	81 Tl thallium 204.38 [204.38, 204.39]	82 Pb lead 207.2 [207.2, 207.2]	83 Bi bismuth 208.98 [208.98, 208.98]	84 Po polonium	85 At astatine	86 Rn radon	118
87 Fr francium	88 Ra radium	89-103 actinoids	104 Rf rutherfordium	105 Db dubnium	106 Sg seaborgium	107 Bh bohrium	108 Hs hassium	109 Mt meitnerium	110 Ds darmstadtium	111 Rg roentgenium	112 Cn copernicium	113 Nh nihonium	114 Fl flerovium	115 Mc moscovium	116 Lv livermorium	117 Ts tennessine	118 Og oganesson	118

Key:
atomic number
Symbol
name
conventional atomic weight
standard atomic weight



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International Year
of the Periodic Table
of Chemical Elements

