

IUPAC Periodic Table of the Elements

1 H hydrogen 1.008 [1.0078, 1.0082]																2 He helium 4.0026																			
3 Li lithium 6.94 [6.938, 6.997]		4 Be beryllium 9.0122		Key: atomic number Symbol name conventional atomic weight standard atomic weight												13 B boron 10.81 [10.806, 10.821]		14 C carbon 12.011 [12.009, 12.012]		15 N nitrogen 14.007 [14.006, 14.008]		16 O oxygen 15.999 [15.999, 16.000]		17 F fluorine 18.998		10 Ne neon 20.180									
11 Na sodium 22.990		12 Mg magnesium 24.305 [24.304, 24.307]		3		4		5		6		7		8		9		10		11		12		13 Al aluminium 26.982		14 Si silicon 28.085 [28.084, 28.086]		15 P phosphorus 30.974		16 S sulfur 32.06 [32.059, 32.076]		17 Cl chlorine 35.45 [35.446, 35.457]		18 Ar argon 39.95 [39.792, 39.963]	
19 K potassium 39.098		20 Ca calcium 40.078(4)		21 Sc scandium 44.956		22 Ti titanium 47.867		23 V vanadium 50.942		24 Cr chromium 51.996		25 Mn manganese 54.938		26 Fe iron 55.845(2)		27 Co cobalt 58.933		28 Ni nickel 58.693		29 Cu copper 63.546(3)		30 Zn zinc 65.38(2)		31 Ga gallium 69.723		32 Ge germanium 72.630(8)		33 As arsenic 74.922		34 Se selenium 78.971(8)		35 Br bromine 79.904 [79.901, 79.907]		36 Kr krypton 83.798(2)	
37 Rb rubidium 85.468		38 Sr strontium 87.62		39 Y yttrium 88.906		40 Zr zirconium 91.224(2)		41 Nb niobium 92.906		42 Mo molybdenum 95.95		43 Tc technetium		44 Ru ruthenium 101.07(2)		45 Rh rhodium 102.91		46 Pd palladium 106.42		47 Ag silver 107.87		48 Cd cadmium 112.41		49 In indium 114.82		50 Sn tin 118.71		51 Sb antimony 121.76		52 Te tellurium 127.60(3)		53 I iodine 126.90		54 Xe xenon 131.29	
55 Cs caesium 132.91		56 Ba barium 137.33		57-71 lanthanoids		72 Hf hafnium 178.49(2)		73 Ta tantalum 180.95		74 W tungsten 183.84		75 Re rhenium 186.21		76 Os osmium 190.23(3)		77 Ir iridium 192.22		78 Pt platinum 195.08		79 Au gold 196.97		80 Hg mercury 200.59		81 Tl thallium 204.38 [204.38, 204.39]		82 Pb lead 207.2		83 Bi bismuth 208.98		84 Po polonium		85 At astatine		86 Rn radon	
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	

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



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57 La lanthanum 138.91	58 Ce cerium 140.12	59 Pr praseodymium 140.91	60 Nd neodymium 144.24	61 Pm promethium	62 Sm samarium 150.36(2)	63 Eu europium 151.96	64 Gd gadolinium 157.25(3)	65 Tb terbium 158.93	66 Dy dysprosium 162.50	67 Ho holmium 164.93	68 Er erbium 167.26	69 Tm thulium 168.93	70 Yb ytterbium 173.05	71 Lu lutetium 174.97
89 Ac actinium	90 Th thorium 232.04	91 Pa protactinium 231.04	92 U uranium 238.03	93 Np neptunium	94 Pu plutonium	95 Am americium	96 Cm curium	97 Bk berkelium	98 Cf californium	99 Es einsteinium	100 Fm fermium	101 Md mendelevium	102 No nobelium	103 Lr lawrencium

For notes and updates to this table, see www.iupac.org. This version is dated 1 December 2018.
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