

The Modern Periodic Table of the Elements

1 Hydrogen H 1.01 2.1																		18 Helium He 4.00 ---		
2 Lithium Li 6.94 1.0		3	4 Beryllium Be 9.01 1.5												13 Boron B 10.81 2.0	14 Carbon C 12.01 2.5	15 Nitrogen N 14.01 3.0	16 Oxygen O 16.00 3.5	17 Fluorine F 19.00 4.0	18 Neon Ne 20.18 ---
11 Sodium Na 22.99 0.9		12 Magnesium Mg 24.31 1.2												13 Aluminum Al 26.98 1.5	14 Silicon Si 28.09 1.8	15 Phosphorus P 30.97 2.1	16 Sulfur S 32.07 2.5	17 Chlorine Cl 35.45 3.0	18 Argon Ar 39.95 ---	
19 Potassium K 39.10 0.8		20 Calcium Ca 40.08 1.0	21 Scandium Sc 44.96 1.3	22 Titanium Ti 47.88 1.5	23 Vanadium V 50.94 1.6	24 Chromium Cr 52.00 1.6	25 Manganese Mn 54.94 1.5	26 Iron Fe 55.85 1.8	27 Cobalt Co 58.93 1.8	28 Nickel Ni 58.69 1.8	29 Copper Cu 63.55 1.9	30 Zinc Zn 65.39 1.6	31 Gallium Ga 69.72 1.6	32 Germanium Ge 72.61 1.8	33 Arsenic As 74.92 2.0	34 Selenium Se 78.96 2.4	35 Bromine Br 79.90 2.8	36 Krypton Kr 83.80 3.0		
37 Rubidium Rb 85.47 0.8		38 Strontium Sr 87.62 1.0	39 Yttrium Y 88.91 1.2	40 Zirconium Zr 91.22 1.4	41 Niobium Nb 92.91 1.6	42 Molybdenum Mo 95.94 1.8	43 Technetium Tc (98) 1.9	44 Ruthenium Ru 101.07 2.2	45 Rhodium Rh 102.91 2.2	46 Palladium Pd 106.42 2.2	47 Silver Ag 107.87 1.9	48 Cadmium Cd 112.41 1.7	49 Indium In 114.82 1.7	50 Tin Sn 118.71 1.8	51 Antimony Sb 121.76 1.9	52 Tellurium Te 127.60 2.1	53 Iodine I 126.90 2.5	54 Xenon Xe 131.29 2.6		
55 Cesium Cs 132.91 0.7		56 Barium Ba 137.33 0.9	57-70 * Lutetium Lu 174.97 1.1	72 Hafnium Hf 178.49 1.3	73 Tantalum Ta 180.95 1.5	74 Tungsten W 183.84 1.7	75 Rhenium Re 186.21 1.9	76 Osmium Os 190.23 2.2	77 Iridium Ir 192.22 2.2	78 Platinum Pt 195.08 2.2	79 Gold Au 196.97 2.4	80 Mercury Hg 200.59 1.9	81 Thallium Tl 204.38 1.8	82 Lead Pb 207.20 1.8	83 Bismuth Bi 208.98 1.9	84 Polonium Po (209) 2.0	85 Astatine At (210) 2.2	86 Radon Rn (222) 2.4		
87 Francium Fr (223) 0.7		88 Radium Ra (226) 0.9	89-102 ** Lawrencium Lr (262) ---	104 Rutherfordium Rf (261) ---	105 Dubnium Db (262) ---	106 Seaborgium Sg (263) ---	107 Bohrium Bh (262) ---	108 Hassium Hs (265) ---	109 Meitnerium Mt (266) ---	110 Ununnilium Uun (271) ---	111 Unununium Uuu (272) ---	112 Ununbium Uub (277) ---	113 Ununtrium Uut (284) ---	114 Ununquadium Uuq (289) ---	115 Ununpentium Uup (288) ---	116 Ununhexium Uuh (291) ---		118 Ununoctium Uuo (294) ---		

Average relative masses are 2001 values, rounded to two decimal places.

All average masses are to be treated as measured quantities, and subject to significant figure rules. Do not round them further when performing calculations.

Element name → Mercury

Atomic # → 80

Symbol → Hg

Avg. Mass → 200.59

Electronegativity → 1.9

*lanthanides

57 La 138.91 1.1	58 Ce 140.12 1.1	59 Pr 140.91 1.1	60 Nd 144.24 1.1	61 Pm (145) 1.1	62 Sm 150.36 1.2	63 Eu 151.97 1.1	64 Gd 157.25 1.2	65 Tb 158.93 1.1	66 Dy 162.50 1.2	67 Ho 164.93 1.2	68 Er 167.26 1.2	69 Tm 168.93 1.3	70 Yb 173.04 1.1
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**actinides

89 Ac (227) 1.1	90 Th 232.04 1.3	91 Pa 231.04 1.5	92 U 238.03 1.4	93 Np (237) 1.4	94 Pu (244) 1.3	95 Am (243) 1.3	96 Cm (247) 1.3	97 Bk (247) 1.3	98 Cf (251) 1.3	99 Es (252) 1.3	100 Fm (257) 1.3	101 Md (258) 1.3	102 No (259) 1.3
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