

Periodic Table of the Elements



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18																	
1 HYDROGEN H 1.0080 ± 0.0002 3 LITHIUM Li 6.94 ± 0.06 11 SODIUM Na 22.990 ± 0.001 19 POTASSIUM K 39.098 ± 0.001 37 RUBIDIUM Rb 85.468 ± 0.001 55 CESIUM Cs 132.91 ± 0.01 87 FRANCIUM Fr [223] 4 BERYLLIUM Be 9.0122 ± 0.0001 12 MAGNESIUM Mg 24.305 ± 0.002 20 CALCIUM Ca 40.078 ± 0.004 38 STRONTIUM Sr 87.62 ± 0.01 56 BARIUM Ba 137.33 ± 0.01 88 RADIUM Ra [226] 21 SCANDIUM Sc 44.956 ± 0.001 39 YTTRIUM Y 88.906 ± 0.001 57 LANTHANUM La 138.91 ± 0.01 89 ACTINIUM Ac [227] 22 TITANIUM Ti 47.867 ± 0.001 40 ZIRCONIUM Zr 91.224 ± 0.002 72 HAFNIUM Hf 178.49 ± 0.01 104 RUTHERFORDIUM Rf [267] 23 VANADIUM V 50.942 ± 0.001 41 NIOBIUM Nb 92.906 ± 0.001 73 TANTALUM Ta 180.95 ± 0.01 105 DUBNIUM Db [268] 24 CHROMIUM Cr 51.996 ± 0.001 42 MOLYBDENUM Mo 95.95 ± 0.01 74 TUNGSTEN W 183.84 ± 0.01 106 SEABORGIUM Sg [269] 25 MANGANESE Mn 54.938 ± 0.001 43 TECHNETIUM Tc [97] 75 RHENIUM Re 186.21 ± 0.01 107 BOHRIUM Bh [270] 26 IRON Fe 55.845 ± 0.002 44 RUTHENIUM Ru 101.07 ± 0.02 76 OSMIUM Os 190.23 ± 0.03 108 HASSIUM Hs [269] 27 COBALT Co 58.933 ± 0.001 45 RHODIUM Rh 102.91 ± 0.01 77 IRIDIUM Ir 192.22 ± 0.01 109 MEITNERIUM Mt [277] 28 NICKEL Ni 58.693 ± 0.001 46 PALLADIUM Pd 106.42 ± 0.01 78 PLATINUM Pt 195.08 ± 0.02 110 DARMSTADIUM Rg [281] 29 COPPER Cu 63.546 ± 0.003 47 SILVER Ag 107.87 ± 0.01 79 GOLD Au 196.97 ± 0.01 111 ROENTGENIUM Mt [282] 30 ZINC Zn 65.38 ± 0.02 48 CADMIUM Cd 112.41 ± 0.01 80 MERCURY Hg 200.59 ± 0.01 112 COPERNICIUM Cn [285] 31 GALLIUM Ga 69.723 ± 0.001 49 INDIUM In 114.82 ± 0.01 81 THALLIUM Tl 204.38 ± 0.01 113 NIHONIUM Nh [286] 32 GERMANIUM Ge 72.630 ± 0.008 50 TIN Sn 118.71 ± 0.01 82 LEAD Pb 207.2 ± 1.1 114 FLEROVIUM Fl [290] 33 ARSENIC As 74.922 ± 0.001 51 ANTIMONY Sb 121.76 ± 0.01 83 BISMUTH Bi 208.98 ± 0.01 115 MOSCOVIUM Mc [290] 34 SELENIUM Se 78.971 ± 0.008 52 TELLURIUM Te 127.60 ± 0.03 84 POLONIUM Po [209] 116 LIVERMORIUM Lv [293] 35 BROMINE Br 79.904 ± 0.003 53 IODINE I 126.90 ± 0.01 85 ASTATINE At [210] 117 TENNESSINE Ts [294] 36 KRYPTON Kr 83.798 ± 0.002 54 XENON Xe 131.29 ± 0.01 86 RADON Rn [222] 118 OGANESSON Og [294]																	
KEY The chemical element symbol is in the center of each block, just below the element name. The color used indicates the physical state of the element under ordinary conditions: black for solids, green for liquids, blue for gases and gray for undetermined. All atomic weight values reported by IUPAC (International Union of Pure and Applied Chemistry) and CIAAW (Commission on Isotopic Abundances and Atomic Weights). Last update 2023 The Atomic Number is shown in red in the upper left hand corner.																	
*Lanthanide Series → 58 CERIUM Ce 140.12 ± 0.01 59 PRASEODYMIUM Pr 140.91 ± 0.01 60 NEODYMIUM Nd 144.24 ± 0.01 61 PROMETHIUM Pm [145] 62 SAMARIUM Sm 150.36 ± 0.02 63 EUROPIUM Eu 151.96 ± 0.01 64 GADOLINIUM Gd 157.25 ± 0.03 65 TERBIUM Tb 158.93 ± 0.01 66 DYSPROSIUM Dy 162.50 ± 0.01 67 HOLMIUM Ho 164.93 ± 0.01 68 ERBIUM Er 167.26 ± 0.01 69 THULIUM Tm 168.93 ± 0.01 70 YTTERBIUM Yb 173.05 ± 0.02 71 LUTETIUM Lu 174.97 ± 0.01																	
*Actinide Series → 90 THORIUM Th 232.04 ± 0.01 91 PROTACTINIUM Pa 231.04 ± 0.01 92 URANIUM U 238.03 ± 0.01 93 NEPTUNIUM Np [237] 94 PLUTONIUM Pu [244] 95 AMERICIUM Am [243] 96 CURIUM Cm [247] 97 BERKELIUM Bk [247] 98 CALIFORNIUM Cf [251] 99 EINSTEINIUM Es [252] 100 FERMIUM Fm [257] 101 MENDELEVIUM Md [258] 102 NOBELIUM No [259] 103 LAWRENCIUM Lr [262]																	

Notes

- [] : Standard atomic weight reported for the element by IUPAC.

