

PERIODIC TABLE OF THE ELEMENTS

LEGEND:
 Hh Black element symbol = SOLID
 Hh Green element symbol = LIQUID
 Hh Blue element symbol = GAS
 Red Outline = Synthetical

* Parentheses indicate atomic mass of the most stable isotope.

GROUP 1 IA	2 IIA	TRANSITION METALS										13 IIIA	14 IVA	15 VA	16 VIA	17 VIIA	18 VIIIA																																																					
1 1.0079 H ⁺ Hydrogen	4 9.012 Be ²⁺ Beryllium	12 24.305 Mg ²⁺ Magnesium	20 40.078 Ca ²⁺ Calcium	38 87.62 Sr ²⁺ Strontium	56 137.33 Ba ²⁺ Barium	88 226.025 Ra ²⁺ Radium	19 39.098 K ⁺ Potassium	37 85.467 Rb ⁺ Rubidium	55 132.905 Cs ⁺ Cesium	87 (223.019)* Fr ⁺ Francium	21 44.955 Sc ³⁺ Scandium	39 88.905 Y Yttrium	57 138.905 La Lanthanum	89 227.027 Ac ³⁺ Actinium	23 50.942 V ⁴⁺ Vanadium	41 92.906 Nb Niobium	73 180.947 Ta Tantalum	105 (262.11)* Rf Rutherfordium	24 51.996 Cr ³⁺ Chromium	42 95.94 Mo Molybdenum	74 183.85 W Tungsten	106 (263.12)* Sg Seaborgium	25 54.938 Mn ²⁺ Manganese	43 (97.907)* Tc Technetium	75 186.21 Re Rhenium	107 (264.12)* Bh Bohrium	26 55.847 Fe ²⁺ Iron	44 101.07 Ru Ruthenium	76 190.23 Os Osmium	108 (265.13)* Hs Hassium	27 58.933 Co ³⁺ Cobalt	45 102.905 Rh Rhodium	77 192.22 Ir Iridium	109 (268.14)* Mt Meitnerium	28 58.693 Ni ³⁺ Nickel	46 106 Pd ²⁺ Palladium	78 195 Pt ⁴⁺ Platinum	110 (269)* Uun Ununnilium	29 63.546 Cu Copper	47 112.41 Ag ⁺ Silver	79 196.967 Au Gold	111 (272)* Uuh Ununhassium	30 65.39 Zn ²⁺ Zinc	48 112.41 Cd ²⁺ Cadmium	80 200.59 Hg ²⁺ Mercury	112 (277)* Uub Ununbium	31 69.723 Ga ³⁺ Gallium	49 114.82 In ³⁺ Indium	81 204.383 Tl ⁺ Thallium	113 (277)* Uut Ununtrium	32 72.59 Ge ⁴⁺ Germanium	50 118.71 Sn ⁴⁺ Tin	82 207.20 Pb ²⁺ Lead	114 (285)* Uuq Ununquadium	33 74.922 As ³⁻ Arsenic	51 121.75 Sb ³⁻ Antimony	83 208.980 Bi ³⁻ Bismuth	115 (284)* Uup Ununpentium	34 78.96 Se ²⁻ Selenium	52 127.60 Te ²⁻ Tellurium	84 (208.982)* Po ²⁺ Polonium	116 (289)* Uuq Ununquadium	35 79.904 Br ⁻ Bromine	53 126.904 I ⁻ Iodine	85 (209.987)* At ⁻ Astatine	117 (288)* Uus Ununseptium	36 83.80 Kr Krypton	54 131.29 Xe Xenon	86 (222.017)* Rn Radon	118 (293)* Uuo Ununoctium
PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5	PERIOD 6	PERIOD 7	PERIOD 8	PERIOD 9	PERIOD 10	PERIOD 11	PERIOD 12	PERIOD 13	PERIOD 14	PERIOD 15	PERIOD 16	PERIOD 17	PERIOD 18																																																					

KEY TO ELEMENTS

Atomic Number: 51

Symbol of the Element: Sb

Ionic Charge: 3+

Atomic Mass: 121.76

Element Name: Antimony

(top number is the most common)

Lanthanides:

58 140.12 Ce ³⁺ Cerium	59 140.907 Pr ³⁺ Praseodymium	60 144.24 Nd ³⁺ Neodymium	61 (144.912) Pm ³⁺ Promethium	62 150.36 Sm ³⁺ Samarium	63 151.96 Eu ³⁺ Europium	64 157.25 Gd ³⁺ Gadolinium	65 158.925 Tb ³⁺ Terbium	66 162.50 Dy ³⁺ Dysprosium	67 162.50 Ho ³⁺ Holmium	68 167.26 Er ³⁺ Erbium	69 168.934 Tm ³⁺ Thulium	70 173.04 Yb ³⁺ Ytterbium	71 174.967 Lu ³⁺ Lutetium
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Actinides:

90 (232.038) Th ⁴⁺ Thorium	91 (231.035) Pa ⁵⁺ Protactinium	92 238.028 U ⁶⁺ Uranium	93 237.048 Np ⁵⁺ Neptunium	94 (244.064) Pu ⁴⁺ Plutonium	95 (243.061) Am ³⁺ Americium	96 (247.07) Cm ³⁺ Curium	97 (247.07) Bk ³⁺ Berkelium	98 (251.079) Cf ³⁺ Californium	99 (251.079) Es ³⁺ Einsteinium	100 (252.083) Fm ³⁺ Fermium	101 (258.10) Md ³⁺ Mendelevium	102 (259.10) No ³⁺ Nobelium	103 (260.105) Lr ³⁺ Lawrencium
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RARE EARTH ELEMENTS