

Alkali metals		Alkaline earth metals										Boron group	Carbon group	Pnictogens	Chalcogens	Halogens	Noble gases		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
1 NM H Hydrogen 1.0080	Periodic Table of the Elements 118 elements. Ink-saver version: line styles and letter codes replace colors. HOW TO READ A TILE 6 NM C Carbon 12.011 Atomic number Category code see the line key Symbol Name Atomic mass (u) [] = most stable isotope LINE KEY AM Alkali metals AE Alkaline earth metals TM Transition metals PM Post-transition metals MD Metalloids NM Other nonmetals HL Halogens NG Noble gases LN Lanthanides AC Actinides UP Unknown properties																2 NG He Helium 4.0026		
3 AM Li Lithium 6.94	4 AE Be Beryllium 9.0122											5 MD B Boron 10.81	6 NM C Carbon 12.011	7 NM N Nitrogen 14.007	8 NM O Oxygen 15.999	9 HL F Fluorine 18.998	10 NG Ne Neon 20.180		
11 AM Na Sodium 22.990	12 AE Mg Magnesium 24.305											13 PM Al Aluminum 26.982	14 MD Si Silicon 28.085	15 NM P Phosphorus 30.974	16 NM S Sulfur 32.06	17 HL Cl Chlorine 35.45	18 NG Ar Argon 39.95		
19 AM K Potassium 39.098	20 AE Ca Calcium 40.078	21 TM Sc Scandium 44.956	22 TM Ti Titanium 47.867	23 TM V Vanadium 50.942	24 TM Cr Chromium 51.996	25 TM Mn Manganese 54.938	26 TM Fe Iron 55.845	27 TM Co Cobalt 58.933	28 TM Ni Nickel 58.693	29 TM Cu Copper 63.546	30 TM Zn Zinc 65.38	31 PM Ga Gallium 69.723	32 MD Ge Germanium 72.630	33 MD As Arsenic 74.922	34 NM Se Selenium 78.971	35 HL Br Bromine 79.904	36 NG Kr Krypton 83.798		
37 AM Rb Rubidium 85.468	38 AE Sr Strontium 87.62	39 TM Y Yttrium 88.906	40 TM Zr Zirconium 91.222	41 TM Nb Niobium 92.906	42 TM Mo Molybdenum 95.95	43 TM Tc Technetium [97]	44 TM Ru Ruthenium 101.07	45 TM Rh Rhodium 102.91	46 TM Pd Palladium 106.42	47 TM Ag Silver 107.87	48 TM Cd Cadmium 112.41	49 PM In Indium 114.82	50 PM Sn Tin 118.71	51 MD Sb Antimony 121.76	52 MD Te Tellurium 127.60	53 HL I Iodine 126.90	54 NG Xe Xenon 131.29		
55 AM Cs Cesium 132.91	56 AE Ba Barium 137.33	57-71 La-Lu	72 TM Hf Hafnium 178.49	73 TM Ta Tantalum 180.95	74 TM W Tungsten 183.84	75 TM Re Rhenium 186.21	76 TM Os Osmium 190.23	77 TM Ir Iridium 192.22	78 TM Pt Platinum 195.08	79 TM Au Gold 196.97	80 TM Hg Mercury 200.59	81 PM Tl Thallium 204.38	82 PM Pb Lead 207.2	83 PM Bi Bismuth 208.98	84 MD Po Polonium [209]	85 HL At Astatine [210]	86 NG Rn Radon [222]		
87 AM Fr Francium [223]	88 AE Ra Radium [226]	89-103 Ac-Lr	104 TM Rf Rutherfordium [267]	105 TM Db Dubnium [268]	106 TM Sg Seaborgium [269]	107 TM Bh Bohrium [270]	108 TM Hs Hassium [269]	109 UP Mt Meitnerium [278]	110 UP Ds Darmstadtium [281]	111 UP Rg Roentgenium [282]	112 UP Cn Copernicium [285]	113 UP Nh Nihonium [286]	114 UP Fl Flerovium [289]	115 UP Mc Moscovium [290]	116 UP Lv Livermorium [293]	117 HL Ts Tennessine [294]	118 NG Og Oganesson [294]		
		Lanthanides	57 LN La Lanthanum 138.91	58 LN Ce Cerium 140.12	59 LN Pr Praseodymium 140.91	60 LN Nd Neodymium 144.24	61 LN Pm Promethium [145]	62 LN Sm Samarium 150.36	63 LN Eu Europium 151.96	64 LN Gd Gadolinium 157.25	65 LN Tb Terbium 158.93	66 LN Dy Dysprosium 162.50	67 LN Ho Holmium 164.93	68 LN Er Erbium 167.26	69 LN Tm Thulium 168.93	70 LN Yb Ytterbium 173.05	71 LN Lu Lutetium 174.97		
		Actinides	89 AC Ac Actinium [227]	90 AC Th Thorium 232.04	91 AC Pa Protactinium 231.04	92 AC U Uranium 238.03	93 AC Np Neptunium [237]	94 AC Pu Plutonium [244]	95 AC Am Americium [243]	96 AC Cm Curium [247]	97 AC Bk Berkelium [247]	98 AC Cf Californium [251]	99 AC Es Einsteinium [252]	100 AC Fm Fermium [257]	101 AC Md Mendelevium [258]	102 AC No Nobelium [259]	103 AC Lr Lawrencium [266]		