

# Periodic Table of the Elements

<http://chemistry.about.com>

©2008 Todd Helmenstine

1A 1 <b>H</b> 1.00794																	8A 2 <b>He</b> 4.002602
3 <b>Li</b> 6.941	2A 4 <b>Be</b> 9.012182											3A 5 <b>B</b> 10.811	4A 6 <b>C</b> 12.0107	5A 7 <b>N</b> 14.0067	6A 8 <b>O</b> 15.9994	7A 9 <b>F</b> 18.9984032	10 <b>Ne</b> 20.1797
11 <b>Na</b> 22.989769	12 <b>Mg</b> 24.3050	3B	4B	5B	6B	7B	8B		1B	2B	13 <b>Al</b> 26.9815386	14 <b>Si</b> 28.0855	15 <b>P</b> 30.973762	16 <b>S</b> 32.065	17 <b>Cl</b> 35.453	18 <b>Ar</b> 39.948	
19 <b>K</b> 39.0983	20 <b>Ca</b> 40.078	21 <b>Sc</b> 44.955912	22 <b>Ti</b> 47.867	23 <b>V</b> 50.9415	24 <b>Cr</b> 51.9961	25 <b>Mn</b> 54.938045	26 <b>Fe</b> 55.845	27 <b>Co</b> 58.933195	28 <b>Ni</b> 58.6934	29 <b>Cu</b> 63.546	30 <b>Zn</b> 65.38	31 <b>Ga</b> 69.723	32 <b>Ge</b> 72.64	33 <b>As</b> 74.92160	34 <b>Se</b> 78.96	35 <b>Br</b> 79.904	36 <b>Kr</b> 83.798
37 <b>Rb</b> 85.4678	38 <b>Sr</b> 87.62	39 <b>Y</b> 88.90585	40 <b>Zr</b> 91.224	41 <b>Nb</b> 92.90638	42 <b>Mo</b> 95.96	43 <b>Tc</b> [98]	44 <b>Ru</b> 101.07	45 <b>Rh</b> 102.90550	46 <b>Pd</b> 106.42	47 <b>Ag</b> 107.8682	48 <b>Cd</b> 112.411	49 <b>In</b> 114.818	50 <b>Sn</b> 118.710	51 <b>Sb</b> 121.760	52 <b>Te</b> 127.60	53 <b>I</b> 126.90447	54 <b>Xe</b> 131.293
55 <b>Cs</b> 132.9054519	56 <b>Ba</b> 137.327	57-71 Lanthanides	72 <b>Hf</b> 178.49	73 <b>Ta</b> 180.94788	74 <b>W</b> 183.84	75 <b>Re</b> 186.207	76 <b>Os</b> 190.23	77 <b>Ir</b> 192.217	78 <b>Pt</b> 195.084	79 <b>Au</b> 196.966569	80 <b>Hg</b> 200.59	81 <b>Tl</b> 204.3833	82 <b>Pb</b> 207.2	83 <b>Bi</b> 208.98040	84 <b>Po</b> [209]	85 <b>At</b> [210]	86 <b>Rn</b> [222]
87 <b>Fr</b> 223	88 <b>Ra</b> [226]	89-103 Actinides	104 <b>Rf</b> [267]	105 <b>Db</b> [268]	106 <b>Sg</b> [271]	107 <b>Bh</b> [272]	108 <b>Hs</b> [270]	109 <b>Mt</b> [276]	110 <b>Ds</b> [281]	111 <b>Rg</b> [280]	112 <b>Uub</b> [285]	113 <b>Uut</b> [284]	114 <b>Uuq</b> [289]	115 <b>Uup</b> [288]	116 <b>Uuh</b> [293]	117 <b>Uus</b> [294]	118 <b>Uuo</b> [294]

Lanthanides

57 <b>La</b> 138.90547	58 <b>Ce</b> 140.116	59 <b>Pr</b> 140.90765	60 <b>Nd</b> 144.242	61 <b>Pm</b> [145]	62 <b>Sm</b> 150.36	63 <b>Eu</b> 151.964	64 <b>Gd</b> 157.25	65 <b>Tb</b> 158.92535	66 <b>Dy</b> 162.500	67 <b>Ho</b> 164.93032	68 <b>Er</b> 167.259	69 <b>Tm</b> 168.93421	70 <b>Yb</b> 173.054	71 <b>Lu</b> 174.9668
------------------------------	----------------------------	------------------------------	----------------------------	--------------------------	---------------------------	----------------------------	---------------------------	------------------------------	----------------------------	------------------------------	----------------------------	------------------------------	----------------------------	-----------------------------

Actinides

89 <b>Ac</b> [227]	90 <b>Th</b> 232.03806	91 <b>Pa</b> 231.03588	92 <b>U</b> 238.02891	93 <b>Np</b> [237]	94 <b>Pu</b> [244]	95 <b>Am</b> [243]	96 <b>Cm</b> [247]	97 <b>Bk</b> [247]	98 <b>Cf</b> [251]	99 <b>Es</b> [252]	100 <b>Fm</b> [257]	101 <b>Md</b> [258]	102 <b>No</b> [259]	103 <b>Lr</b> [262]
--------------------------	------------------------------	------------------------------	-----------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	---------------------------	---------------------------	---------------------------	---------------------------