

Periodic Table of the Elements

| s-block | | d-block transition metals | | | | | | | | | | p-block | | | | | |
|----------------------|----------------------|---------------------------|---------------------|----------------------|---------------------|----------------------|---------------------|----------------------|----------------------|----------------------|---|----------------------|----------------------|----------------------|---------------------|---------------------|----------------------|
| 1 | | | | | | | | | | | | | | | | | 18 |
| 1A | | | | | | | | | | | | | | | | | 8A |
| 1 | 2 | | | | | | | | | | | 13 | 14 | 15 | 16 | 17 | 2 |
| H 1.008 | He 4.003 | | | | | | | | | | | 3A | 4A | 5A | 6A | 7A | He 4.003 |
| 3 | 4 | | | | | | | | | | | 5 | 6 | 7 | 8 | 9 | 10 |
| Li 6.941 | Be 9.012 | | | | | | | | | | | B 10.811 | C 12.011 | N 14.007 | O 15.999 | F 18.998 | Ne 20.180 |
| 11 | 12 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| Na 22.990 | Mg 24.305 | 3B | 4B | 5B | 6B | 7B | 8B | | | 1B | 2B | Al 26.981 | Si 28.086 | P 30.974 | S 32.065 | Cl 35.453 | Ar 39.948 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
| K 39.098 | Ca 40.078 | Sc 44.956 | Ti 47.867 | V 50.942 | Cr 51.996 | Mn 54.938 | Fe 55.845 | Co 58.933 | Ni 58.693 | Cu 63.546 | Zn 65.409 | Ga 69.723 | Ge 72.61 | As 74.922 | Se 78.96 | Br 79.904 | Kr 83.798 |
| 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 |
| Rb 85.468 | Sr 87.62 | Y 88.906 | Zr 91.224 | Nb 92.906 | Mo 95.94 | Tc [98] | Ru 101.07 | Rh 102.906 | Pd 106.42 | Ag 107.868 | Cd 112.411 | In 114.818 | Sn 118.710 | Sb 121.760 | Te 127.60 | I 126.904 | Xe 131.293 |
| 55 | 56 | 57 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 |
| Cs 132.905 | Ba 137.328 | La 138.905 | Hf 178.49 | Ta 180.948 | W 183.84 | Re 186.207 | Os 190.23 | Ir 192.217 | Pt 195.084 | Au 196.967 | Hg 200.59 | Tl 204.383 | Pb 207.2 | Bi 208.980 | Po [209] | At [210] | Rn [222] |
| 87 | 88 | 89 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | Copyright © 2007 by Keith S. Anliker www.chem.iupui.edu/~anliker | | | | | | |
| Fr [223] | Ra [226] | Ac [227] | Rf [261] | Db [262] | Sg [266] | Bh [264] | Hs [277] | Mt [268] | Ds [271] | Rg [272] | | | | | | | |

| f-block transition metals | | | | | | | | | | | | | | |
|---------------------------|----------------------------|----------------------------|----------------------------|--------------------------|---------------------------|----------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------------|----------------------------|
| Lanthanide series | 58 Ce 140.116 | 59 Pr 140.908 | 60 Nd 144.242 | 61 Pm [145] | 62 Sm 150.36 | 63 Eu 151.964 | 64 Gd 157.25 | 65 Tb 158.925 | 66 Dy 162.500 | 67 Ho 164.930 | 68 Er 167.259 | 69 Tm 168.934 | 70 Yb 173.04 | 71 Lu 174.967 |
| Actinide series | 90 Th 232.038 | 91 Pa 231.036 | 92 U 238.029 | 93 Np [237] | 94 Pu [244] | 95 Am [243] | 96 Cm [247] | 97 Bk [247] | 98 Cf [251] | 99 Es [252] | 100 Fm [257] | 101 Md [258] | 102 No [259] | 103 Lr [262] |