a	b	cub
D		
e		
f		k
g	i	l
h	j	m

a - Atomic Number
b - Block
c - Atomic Mass[1]
d - Symbol[2]
e - Name
f - Electronegativity[3]
g - Covalent Radius[4]
h - Atomic Radius[4]
i - Melting Point[5]
j - Boiling Point[5]
k - Crystal Structure[5]
l - Medical Role[4]
m - Cellular Role[4]

cbc - Cubic body-centered
hex - Hexagonal
cfc - Cubic face-centered
cub - Cubic
rho - Rhombohedral
ort - Orthorhombic
tet - Tetragonal
mon - Monoclinic

treat - treatment
diag - diagnostic var
- varied

Cellular Role

elec - electrolyte
enz - enzymatic
struc - structural

Symbol Color

Red - Gas
Blue - Liquid
Black - Solid

Alkali Metals
Alkaline Earth Metals
Transition Metals
Lanthanides
Actinides
Semi-metals
Non-metals
Noble Gases
Post-Transitional Metals

1 - brackets, e.g. [208], indicates the mass number of the longest-lived isotope of the element.
2 - * indicates the temporary name and symbol given until a final one is determined by IUPAC.
3 - electronegativity given on the Pauling scale, based on values from http://en.wikipedia.org/wiki/electronegativity. bonds between atoms with a large electronegativity difference (greater than or equal to 1.7) are usually considered to be ionic, while values between 1.7 and 0.4 are considered polar covalent. values below 0.4 are considered non-polar covalent bonds, and electronegativity differences of 0 indicate a completely non-polar covalent bond.
4 - values for covalent radius, atomic radius, medical role and cellular role taken from spreadsheets compiled from http://www.dbooth.net/mha/chem/periodictable.html
5 - values for melting point, boiling point and crystal structure all taken from each elements individual entries on wikipedia

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	1 f 1.01 H Hydrogen 2.20 hex 0.32 14 treat 2.08 20 struc																	2 z 4.00 He Helium hex 95 0.51 4.22
2	3 f 6.94 Li Lithium 0.98 cbc 1.23 454 treat 1.55 1615 elec	4 z 9.01 Be Beryllium 1.57 hex 0.90 1560 1.12 2742											5 p 10.80 B Boron 2.04 rho 0.82 2349 0.98 4200 enz	6 p 12.00 C Carbon 2.55 hex 0.77 4300 var 0.91 4000 struc	7 p 14.00 N Nitrogen 3.04 hex 0.75 63 var 0.92 77 struc	8 p 16.00 O Oxygen 3.44 cub 0.73 54 var 0.92 90 struc	9 p 19.00 F Fluorine 3.98 cub 0.72 53 treat 0.57 85	10 p 20.20 Ne Neon cfc 0.71 24 0.51 27
3	11 z 23.00 Na Sodium 0.93 cbc 1.54 370.8 treat 1.90 1156 elec	12 z 24.31 Mg Magnesium 1.31 hex 1.36 923 treat 1.60 1363 enz											13 p 27.00 Al Aluminum 1.61 cfc 1.18 933 1.43 2792	14 p 28.10 Si Silicon 1.90 cfc 1.11 1687 treat 1.32 3538 struc	15 p 31.00 P Pharpharus 2.20 1.06 317 diag 1.28 550 struc	16 p 32.10 S Sulphur 2.58 ort 1.02 388 treat 1.27 717 struc	17 35.50 Cl Chlorine 3.16 ort 0.99 171 0.97 239 elec	18 40.00 Ar Argon cfc 0.98 87 0.88 87
4	19 z 23.00 K Potassium 0.82 cbc 2.03 336.5 treat 2.35 1032 elec	4 z 40.10 Ca Calcium 1.00 cfc 1.74 1115 treat 1.97 1757 struc	21 d 45.00 Sc Scandium 1.36 hex 1.44 1814 1.62 3109	22 d 47.90 Ti Titanium 1.54 hex 1.32 1941 treat 1.45 3560	23 d 50.90 V Vanadium 1.63 cbc 1.22 2183 1.34 3680 enz	24 d 52.00 Cr Chromium 1.66 cbc 1.18 2180 diag 1.30 2944 enz	25 d 54.90 Mn Manganese 1.55 cub 1.17 1519 diag 1.35 2334 enz	26 d 55.90 Fe Iron 1.83 cbc 1.17 1811 treat 1.26 3134 enz	27 d 58.90 Co Cobalt 1.88 hex 1.16 1768 diag 1.25 3200 enz	28 d 58.70 Ni Nickel 1.91 cfc 1.15 1728 1.24 3186 enz	29 d 63.60 Cu Copper 1.90 cfc 1.17 1357 treat 1.28 2835 enz	30 65.40 Zn Zinc 1.65 hex 1.25 692 treat 1.38 1180 enz	31 p 69.70 Ga Gallium 1.81 ort 1.26 302 diag 1.41 2477	32 p 72.60 Ge Germanium 2.01 cfc 1.22 1211 treat 1.37 3106	33 p 74.90 As Arsenic 2.18 rho 1.20 1090 treat 1.39 887	34 79.00 Se Selenium 2.55 hex 1.16 494 treat 1.40 958 enz	35 79.90 Br Bromine 2.96 ort 1.14 265 treat 1.11 332	36 83.80 Kr Krypton 3.00 cfc 1.89 115 diag 1.03 119
5	37 z 85.50 Rb Rubidium 0.82 cbc 2.16 312.5 treat 2.48 961	38 z 87.60 Sr Strontium 0.95 cfc 1.91 1050 var 2.15 1655 enz	39 d 88.90 Y Yttrium 1.22 hex 1.62 1799 treat 1.78 3609	40 d 91.22 Zr Zirconium 1.33 hex 1.45 2128 1.60 4682	41 d 92.90 Nb Niobium 1.60 cbc 1.34 2750 1.46 5017	42 d 95.90 Mo Molybdenum 2.16 cbc 1.40 2896 1.39 4912 enz	43 d 98.00 Tc Technitium 1.90 hex 1.27 2430 diag 1.36 4538	44 d 101.10 Ru Ruthenium 2.20 hex 1.25 2607 treat 1.34 4423	45 d 102.90 Rh Rhodium 2.28 cfc 1.25 2237 1.34 3968	46 d 106.40 Pd Palladium 2.00 cfc 2.00 1828 treat 1.37 3236	47 d 107.90 Ag Silver 1.93 cfc 1.34 1234 treat 1.44 2435	48 d 112.40 Cd Cadmium 1.69 hex 1.41 594 treat 1.71 1040	49 p 114.80 In Indium 1.78 tet 1.44 42 diag 1.66 2345	50 p 118.70 Sn Tin 1.96 tet 1.41 505 1.62 2875	51 p 121.80 Sb Antimony 2.05 rho 1.40 903 treat 1.59 1860	52 127.60 Te Tellurium 2.10 hex 1.36 722 1.42 1261	53 126.90 I Iodine 2.66 ort 1.33 386 var 1.32 457 enz	54 131.30 Xe Xenon 2.60 cfc 1.31 161 diag 1.24 165
6	55 132.90 Cs Cesium 0.79 cbc 2.35 301.6 treat 2.67 944	56 137.30 Ba Barium 0.89 cbc 1.98 1000 diag 2.22 2170	Lanthanides	72 d 178.50 Hf Hafnium 1.30 hex 1.44 2506 1.67 4876	73 d 181.00 Ta Tantalum 1.50 cbc 1.34 3290 treat 1.49 5731	74 183.80 W Tungsten 2.36 cbc 1.30 3695 1.41 5828	75 d 186.20 Re Rhenium 1.90 hex 1.28 2459 1.37 5869	76 d 190.20 Os Osmium 2.20 hex 1.26 3306 diag 1.35 5285	77 d 192.20 Ir Iridium 2.20 cfc 1.27 2719 treat 1.36 4701	78 d 195.10 Pt Platinum 2.28 cfc 1.30 2041 treat 1.39 4098	79 d 197.00 Au Gold 2.54 cfc 1.34 1137 treat 1.46 3129	80 d **** Hg Mercury 2.00 rho 1.49 234 treat 1.60 629	81 p **** Tl Thallium 1.62 hex 1.48 577 treat 1.71 1746	82 p **** Pb Lead 2.33 cfc 1.47 600 treat 1.75 2022	83 p **** Bi Bismuth 2.02 rho 1.46 544 treat 1.70 1837	84 p **** Po Polonium 2.00 cub 1.53 527 1.67 1235	85 210.00 At Astatine 2.20 1.47 575 1.45 610	86 **** Rn Radon cfc 202 treat 1.34 211
7	87 [223]	88 [226]		104 d [261]	105 d [262]	106 d [263]	107 d [264]	108 d [277]	109 d [278]	110 d [282]	111 [272]	112 d [285]	113 [284]	114 [289]	115 p [288]	116 p [292]	117	118 [294]

Periodic Table