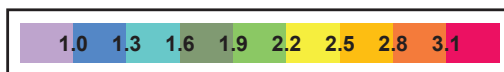


Periodic Table of the Elements

Electronegativity

1 H Hydrogen 2.20																	2 He Helium no data						
3 Li Lithium 0.98	4 Be Beryllium 1.57																	5 B Boron 2.04	6 C Carbon 2.55	7 N Nitrogen 3.04	8 O Oxygen 3.44	9 F Fluorine 3.98	10 Ne Neon no data
11 Na Sodium 0.93	12 Mg Magnesium 1.31																	13 Al Aluminum 1.61	14 Si Silicon 1.90	15 P Phosphorus 2.19	16 S Sulfur 2.58	17 Cl Chlorine 3.16	18 Ar Argon no data
19 K Potassium 0.82	20 Ca Calcium 1.00	21 Sc Scandium 1.36	22 Ti Titanium 1.54	23 V Vanadium 1.63	24 Cr Chromium 1.66	25 Mn Manganese 1.55	26 Fe Iron 1.83	27 Co Cobalt 1.88	28 Ni Nickel 1.91	29 Cu Copper 1.90	30 Zn Zinc 1.65	31 Ga Gallium 1.81	32 Ge Germanium 2.01	33 As Arsenic 2.18	34 Se Selenium 2.55	35 Br Bromine 2.96	36 Kr Krypton 3.00						
37 Rb Rubidium 0.82	38 Sr Strontium 0.95	39 Y Yttrium 1.22	40 Zr Zirconium 1.33	41 Nb Niobium 1.6	42 Mo Molybdenum 2.16	43 Tc Technetium 1.9	44 Ru Ruthenium 2.2	45 Rh Rhodium 2.28	46 Pd Palladium 2.20	47 Ag Silver 1.93	48 Cd Cadmium 1.69	49 In Indium 1.78	50 Sn Tin 1.96	51 Sb Antimony 2.05	52 Te Tellurium 2.1	53 I Iodine 2.66	54 Xe Xenon 2.6						
55 Cs Cesium 0.79	56 Ba Barium 0.89	57-71	72 Hf Hafnium 1.3	73 Ta Tantalum 1.5	74 W Tungsten 2.36	75 Re Rhenium 1.9	76 Os Osmium 2.2	77 Ir Iridium 2.2	78 Pt Platinum 2.28	79 Au Gold 2.54	80 Hg Mercury 2.00	81 Tl Thallium 1.62	82 Pb Lead 2.33	83 Bi Bismuth 2.02	84 Po Polonium 2.0	85 At Astatine 2.2	86 Rn Radon no data						
87 Fr Francium 0.7	88 Ra Radium 0.89	89-103	104 Rf Rutherfordium no data	105 Db Dubnium no data	106 Sg Seaborgium no data	107 Bh Bohrium no data	108 Hs Hassium no data	109 Mt Meitnerium no data	110 Ds Darmstadtium no data	111 Rg Roentgenium no data	112 Cn Copernicium no data	113 Uut Ununtrium no data	114 Fl Flerovium no data	115 Uup Ununpentium no data	116 Lv Livermorium no data	117 Uus Ununseptium no data	118 Uuo Ununoctium no data						

Number
Symbol
Name
Electronegativity



Lanthanide Series

57 La Lanthanum 1.10	58 Ce Cerium 1.12	59 Pr Praseodymium 1.13	60 Nd Neodymium 1.14	61 Pm Promethium 1.13	62 Sm Samarium 1.17	63 Eu Europium 1.2	64 Gd Gadolinium 1.2	65 Tb Terbium 1.22	66 Dy Dysprosium 1.23	67 Ho Holmium 1.24	68 Er Erbium 1.24	69 Tm Thulium 1.25	70 Yb Ytterbium 1.1	71 Lu Lutetium 1.27
89 Ac Actinium 1.1	90 Th Thorium 1.3	91 Pa Protactinium 1.5	92 U Uranium 1.38	93 Np Neptunium 1.36	94 Pu Plutonium 1.28	95 Am Americium 1.3	96 Cm Curium 1.3	97 Bk Berkelium 1.3	98 Cf Californium 1.3	99 Es Einsteinium 1.3	100 Fm Fermium 1.3	101 Md Mendelevium 1.3	102 No Nobelium 1.3	103 Lr Lawrencium no data

Actinide Series