

# The Periodic Table of the Elements (with Electronegativities)

<div style="display: flex; justify-content: space-between;"> <span>1</span> <span>18</span> </div>																		
<div style="display: flex; justify-content: space-between;"> <div style="width: 15%;"> <ul style="list-style-type: none"> <li><span style="background-color: #f08080; border: 1px solid black; display: inline-block; width: 10px; height: 10px; margin-right: 5px;"></span> Alkali metals</li> <li><span style="background-color: #f5deb3; border: 1px solid black; display: inline-block; width: 10px; height: 10px; margin-right: 5px;"></span> Alkaline earth metals</li> <li><span style="background-color: #d8bfd8; border: 1px solid black; display: inline-block; width: 10px; height: 10px; margin-right: 5px;"></span> Transition metals</li> <li><span style="background-color: #e6e6fa; border: 1px solid black; display: inline-block; width: 10px; height: 10px; margin-right: 5px;"></span> Lanthanides</li> <li><span style="background-color: #d8bfd8; border: 1px solid black; display: inline-block; width: 10px; height: 10px; margin-right: 5px;"></span> Actinides</li> <li><span style="background-color: #d8bfd8; border: 1px solid black; display: inline-block; width: 10px; height: 10px; margin-right: 5px;"></span> Other metals</li> <li><span style="background-color: #d8bfd8; border: 1px solid black; display: inline-block; width: 10px; height: 10px; margin-right: 5px;"></span> Metalloids (semi-metal)</li> <li><span style="background-color: #d8bfd8; border: 1px solid black; display: inline-block; width: 10px; height: 10px; margin-right: 5px;"></span> Nonmetals</li> <li><span style="background-color: #d8bfd8; border: 1px solid black; display: inline-block; width: 10px; height: 10px; margin-right: 5px;"></span> Halogens</li> <li><span style="background-color: #d8bfd8; border: 1px solid black; display: inline-block; width: 10px; height: 10px; margin-right: 5px;"></span> Noble gases</li> </ul> </div> <div style="width: 30%; border: 1px solid black; padding: 5px;"> <p>Element name → Mercury ← Atomic #</p> <p style="text-align: center; font-size: 24px; font-weight: bold;">80</p> <p>Symbol → Hg ← Avg. Mass</p> <p style="text-align: center; font-size: 24px; font-weight: bold;">200.59</p> <p>Electronegativity → 1.9</p> </div> </div>																		
Hydrogen 1 <b>H</b> 1.01 2.1																	Helium 2 <b>He</b> 4.00 ---	
Lithium 3 <b>Li</b> 6.94 1.0	Beryllium 4 <b>Be</b> 9.01 1.5											Boron 5 <b>B</b> 10.81 2.0	Carbon 6 <b>C</b> 12.01 2.5	Nitrogen 7 <b>N</b> 14.01 3.0	Oxygen 8 <b>O</b> 16.00 3.5	Fluorine 9 <b>F</b> 19.00 4.0	Neon 10 <b>Ne</b> 20.18 ---	
Sodium 11 <b>Na</b> 22.99 0.9	Magnesium 12 <b>Mg</b> 24.31 1.2											Aluminum 13 <b>Al</b> 26.98 1.5	Silicon 14 <b>Si</b> 28.09 1.8	Phosphorus 15 <b>P</b> 30.97 2.1	Sulfur 16 <b>S</b> 32.07 2.5	Chlorine 17 <b>Cl</b> 35.45 3.0	Argon 18 <b>Ar</b> 39.95 ---	
Potassium 19 <b>K</b> 39.10 0.8	Calcium 20 <b>Ca</b> 40.08 1.0	Scandium 21 <b>Sc</b> 44.96 1.3	Titanium 22 <b>Ti</b> 47.88 1.5	Vanadium 23 <b>V</b> 50.94 1.6	Chromium 24 <b>Cr</b> 52.00 1.6	Manganese 25 <b>Mn</b> 54.94 1.5	Iron 26 <b>Fe</b> 55.85 1.8	Cobalt 27 <b>Co</b> 58.93 1.8	Nickel 28 <b>Ni</b> 58.69 1.8	Copper 29 <b>Cu</b> 63.55 1.9	Zinc 30 <b>Zn</b> 65.39 1.6	Gallium 31 <b>Ga</b> 69.72 1.6	Germanium 32 <b>Ge</b> 72.61 1.8	Arsenic 33 <b>As</b> 74.92 2.0	Selenium 34 <b>Se</b> 78.96 2.4	Bromine 35 <b>Br</b> 79.90 2.8	Krypton 36 <b>Kr</b> 83.80 3.0	
Rubidium 37 <b>Rb</b> 85.47 0.8	Strontium 38 <b>Sr</b> 87.62 1.0	Yttrium 39 <b>Y</b> 88.91 1.2	Zirconium 40 <b>Zr</b> 91.22 1.4	Niobium 41 <b>Nb</b> 92.91 1.6	Molybdenum 42 <b>Mo</b> 95.94 1.8	Technetium 43 <b>Tc</b> (98) 1.9	Ruthenium 44 <b>Ru</b> 101.07 2.2	Rhodium 45 <b>Rh</b> 102.91 2.2	Palladium 46 <b>Pd</b> 106.42 2.2	Silver 47 <b>Ag</b> 107.87 1.9	Cadmium 48 <b>Cd</b> 112.41 1.7	Indium 49 <b>In</b> 114.82 1.7	Tin 50 <b>Sn</b> 118.71 1.8	Antimony 51 <b>Sb</b> 121.76 1.9	Tellurium 52 <b>Te</b> 127.60 2.1	Iodine 53 <b>I</b> 126.90 2.5	Xenon 54 <b>Xe</b> 131.29 2.6	
Cesium 55 <b>Cs</b> 132.91 0.7	Barium 56 <b>Ba</b> 137.33 0.9	57-70 *	Lutetium 71 <b>Lu</b> 174.97 1.1	Hafnium 72 <b>Hf</b> 178.49 1.3	Tantalum 73 <b>Ta</b> 180.95 1.5	Tungsten 74 <b>W</b> 183.84 1.7	Rhenium 75 <b>Re</b> 186.21 1.9	Osmium 76 <b>Os</b> 190.23 2.2	Iridium 77 <b>Ir</b> 192.22 2.2	Platinum 78 <b>Pt</b> 195.08 2.2	Gold 79 <b>Au</b> 196.97 2.4	Mercury 80 <b>Hg</b> 200.59 1.9	Thallium 81 <b>Tl</b> 204.38 1.8	Lead 82 <b>Pb</b> 207.20 1.8	Bismuth 83 <b>Bi</b> 208.98 1.9	Polonium 84 <b>Po</b> (209) 2.0	Astatine 85 <b>At</b> (210) 2.2	Radon 86 <b>Rn</b> (222) 2.4
Francium 87 <b>Fr</b> (223) 0.7	Radium 88 <b>Ra</b> (226) 0.9	89-102 **	Lawrencium 103 <b>Lr</b> (262) ---	Rutherfordium 104 <b>Rf</b> (267) ---	Dubnium 105 <b>Db</b> (268) ---	Seaborgium 106 <b>Sg</b> (271) ---	Bohrium 107 <b>Bh</b> (272) ---	Hassium 108 <b>Hs</b> (270) ---	Mitnerium 109 <b>Mt</b> (276) ---	Darmstadtium 110 <b>Ds</b> (281) ---	Roentgenium 111 <b>Rg</b> (280) ---	Copernicium 112 <b>Cn</b> (285) ---	Ununtrium 113 <b>Uut</b> (284) ---	Ununquadium 114 <b>Uuq</b> (289) ---	Ununpentium 115 <b>Uup</b> (288) ---	Ununhexium 116 <b>Uuh</b> (293) ---	Ununhexium 117 <b>Uus</b> ---	Ununoctium 118 <b>Uuo</b> (294) ---

\*lanthanides

Lanthanum 57 <b>La</b> 138.91 1.1	Cerium 58 <b>Ce</b> 140.12 1.1	Praseodymium 59 <b>Pr</b> 140.91 1.1	Neodymium 60 <b>Nd</b> 144.24 1.1	Promethium 61 <b>Pm</b> (145) 1.1	Samarium 62 <b>Sm</b> 150.36 1.2	Europium 63 <b>Eu</b> 151.97 1.1	Gadolinium 64 <b>Gd</b> 157.25 1.2	Terbium 65 <b>Tb</b> 158.93 1.1	Dysprosium 66 <b>Dy</b> 162.50 1.2	Holmium 67 <b>Ho</b> 164.93 1.2	Erbium 68 <b>Er</b> 167.26 1.2	Thulium 69 <b>Tm</b> 168.93 1.3	Ytterbium 70 <b>Yb</b> 173.04 1.1
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\*\*actinides

Actinium 89 <b>Ac</b> (227) 1.1	Thorium 90 <b>Th</b> 232.04 1.3	Protactinium 91 <b>Pa</b> 231.04 1.5	Uranium 92 <b>U</b> 238.03 1.4	Neptunium 93 <b>Np</b> (237) 1.4	Plutonium 94 <b>Pu</b> (244) 1.3	Americium 95 <b>Am</b> (243) 1.3	Curium 96 <b>Cm</b> (247) 1.3	Berkelium 97 <b>Bk</b> (247) 1.3	Californium 98 <b>Cf</b> (251) 1.3	Einsteinium 99 <b>Es</b> (252) 1.3	Fermium 100 <b>Fm</b> (257) 1.3	Mendelevium 101 <b>Md</b> (258) 1.3	Nobelium 102 <b>No</b> (259) 1.3
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