

Group 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

# Periodic Table of the Elements

Period

This table gives information about the chemical elements. Elements are grouped into ten classes according to their properties. Each class is shown in a different color. The elements are arranged in order of increasing atomic number. Vertical numbers headed by Arabic numerals are called groups. A horizontal sequence of elements is called a Period. The most active elements are at the top right and bottom left of the table.

1	<b>H</b> Hydrogen 1.008																	<b>He</b> Helium 4.002602										
2	<b>Li</b> Lithium 6.94	<b>Be</b> Beryllium 9.012...	Metalloids		Nonmetals														<b>B</b> Boron 10.81	<b>C</b> Carbon 12.011	<b>N</b> Nitrogen 14.007	<b>O</b> Oxygen 15.999	<b>F</b> Fluorine 18.998...	<b>Ne</b> Neon 20.1797				
3	<b>Na</b> Sodium 22.99...	<b>Mg</b> Magnesium 24.305	Alkali metals		Alkaline earth metals		Lanthanoids		Transition metals		Post-transition metals												<b>Al</b> Aluminum 26.981...	<b>Si</b> Silicon (223)	<b>P</b> Phosphorus 30.973...	<b>S</b> Sulfur 32.06	<b>Cl</b> Chlorine 35.45	<b>Ar</b> Argon 39.948
4	<b>K</b> Potassium 39.0983	<b>Ca</b> Calcium 40.078	<b>Sc</b> Scandium 44.955...	<b>Ti</b> Titanium 47.867	<b>V</b> Vanadium 50.9415	<b>Cr</b> Chromium 51.9961	<b>Mn</b> Manganese 54.938...	<b>Fe</b> Iron 55.845	<b>Co</b> Cobalt 58.933...	<b>Ni</b> Nickel 58.6934	<b>Cu</b> Copper 63.546	<b>Zn</b> Zinc 65.38	<b>Ga</b> Gallium 69.723	<b>Ge</b> Germanium 72.63	<b>As</b> Arsenic 74.921...	<b>Se</b> Selenium 78.971	<b>Br</b> Bromine (223)	<b>Kr</b> Krypton 83.798										
5	<b>Rb</b> Rubidium 85.4678	<b>Sr</b> Strontium 87.62	<b>Y</b> Yttrium 88.90584	<b>Zr</b> Zirconium 91.224	<b>Nb</b> Niobium 92.90637	<b>Mo</b> Molybdenum 95.95	<b>Tc</b> Technetium (98)	<b>Ru</b> Ruthenium 101.07	<b>Rh</b> Rhodium 102.90...	<b>Pd</b> Palladium 106.42	<b>Ag</b> Silver 107.8682	<b>Cd</b> Cadmium 112.414	<b>In</b> Indium 114.818	<b>Sn</b> Tin 118.710	<b>Sb</b> Antimony 121.760	<b>Te</b> Tellurium 127.60	<b>I</b> Iodine 126.90...	<b>Xe</b> Xenon 131.293										
6	<b>Cs</b> Caesium 132.90...	<b>Ba</b> Barium 137.327	Lanthanide Series <b>57-71</b>	<b>Hf</b> Hafnium 178.49	<b>Ta</b> Tantalum 180.94...	<b>W</b> Tungsten 183.84	<b>Re</b> Rhenium 186.207	<b>Os</b> Osmium 190.23	<b>Ir</b> Iridium 192.217	<b>Pt</b> Platinum 195.084	<b>Au</b> Gold 196.96...	<b>Hg</b> Mercury 200.59	<b>Tl</b> Thallium 204.38	<b>Pb</b> Lead 207.2	<b>Bi</b> Bismuth 208.98...	<b>Po</b> Polonium (209)	<b>At</b> Astatine (210)	<b>Rn</b> Radon (222)										
7	<b>Fr</b> Francium (223)	<b>Ra</b> Radium (226)	Actinide Series <b>89-103</b>	<b>Rf</b> Rutherfordium (267)	<b>Db</b> Dubnium (268)	<b>Sg</b> Seaborgium (271)	<b>Bh</b> Bohrium (272)	<b>Hs</b> Hassium (270)	<b>Mt</b> Meitnerium (276)	<b>Ds</b> Darmstadtium (281)	<b>Rg</b> Roentgenium (280)	<b>Cn</b> Copernicium (285)	<b>Uut</b> Ununtrium (284)	<b>Fl</b> Flerovium (289)	<b>Uup</b> Ununpentium (288)	<b>Lv</b> Livermorium (293)	<b>Uus</b> Ununseptium (294)	<b>Uuo</b> Ununoctium (294)										
				<b>La</b> Lanthanum 138.90...	<b>Ce</b> Cerium 140.116	<b>Pr</b> Praseodymium 140.90...	<b>Nd</b> Neodymium 144.242	<b>Pm</b> Promethium (145)	<b>Sm</b> Samarium 152.03	<b>Eu</b> Europium 151.964	<b>Gd</b> Gadolinium 157.25	<b>Tb</b> Terbium 158.92...	<b>Dy</b> Dysprosium 162.500	<b>Ho</b> Holmium 164.93...	<b>Er</b> Erbium 167.259	<b>Tm</b> Thulium 168.93...	<b>Yb</b> Ytterbium 173.054	<b>Lu</b> Lutetium 174.9668										
				<b>Ac</b> Actinium (227)	<b>Th</b> Thorium 232.0377	<b>Pa</b> Protactinium 231.03...	<b>U</b> Uranium 238.02...	<b>Np</b> Neptunium (227)	<b>Pu</b> Plutonium (244)	<b>Am</b> Americium (243)	<b>Cm</b> Curium (247)	<b>Bk</b> Berkelium (247)	<b>Cf</b> Californium (251)	<b>Es</b> Einsteinium (252)	<b>Fm</b> Fermium (257)	<b>Md</b> Mendelevium (258)	<b>No</b> Nobelium (259)	<b>Lr</b> Lawrencium (262)										



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