

Periodic Table

Category / family

● Atomic No. Symbol Name Atomic mass Colors Alkali metals Transition metals Metalloids Halogens Lanthanides Alkaline earth metals Post-transition metals Reactive nonmetals Noble gases Actinides State at 20 °C Solid Liquid Gas Unknown																		● 1 H Hydrogen 1.008		○ 2 He Helium 4.0026															
● 3 Li Lithium 6.94		● 4 Be Beryllium 9.0122		● 5 B Boron 10.81		● 6 C Carbon 12.011		● 7 N Nitrogen 14.007		● 8 O Oxygen 15.999		● 9 F Fluorine 18.998		● 10 Ne Neon 20.180																					
● 11 Na Sodium 22.990		● 12 Mg Magnesium 24.305		● 13 Al Aluminum 26.982		● 14 Si Silicon 28.085		● 15 P Phosphorus 30.974		● 16 S Sulfur 32.06		● 17 Cl Chlorine 35.45		● 18 Ar Argon 39.948																					
● 19 K Potassium 39.098		● 20 Ca Calcium 40.078		● 21 Sc Scandium 44.956		● 22 Ti Titanium 47.867		● 23 V Vanadium 50.942		● 24 Cr Chromium 51.996		● 25 Mn Manganese 54.938		● 26 Fe Iron 55.845		● 27 Co Cobalt 58.933		● 28 Ni Nickel 58.693		● 29 Cu Copper 63.546		● 30 Zn Zinc 65.38		● 31 Ga Gallium 69.723		● 32 Ge Germanium 72.630		○ 33 As Arsenic 74.922		● 34 Se Selenium 78.971		● 35 Br Bromine 79.904		● 36 Kr Krypton 83.798	
● 37 Rb Rubidium 85.468		● 38 Sr Strontium 87.62		● 39 Y Yttrium 88.906		● 40 Zr Zirconium 91.224		● 41 Nb Niobium 92.906		● 42 Mo Molybdenum 95.95		● 43 Tc Technetium [98]		● 44 Ru Ruthenium 101.07		● 45 Rh Rhodium 102.91		● 46 Pd Palladium 106.42		● 47 Ag Silver 107.87		● 48 Cd Cadmium 112.41		● 49 In Indium 114.82		● 50 Sn Tin 118.71		● 51 Sb Antimony 121.76		● 52 Te Tellurium 127.60		● 53 I Iodine 126.90		● 54 Xe Xenon 131.29	
● 55 Cs Cesium 132.91		● 56 Ba Barium 137.33		○ 57-71 La-Lu Lanthanides See below		● 72 Hf Hafnium 178.49		● 73 Ta Tantalum 180.95		● 74 W Tungsten 183.84		● 75 Re Rhenium 186.21		● 76 Os Osmium 190.23		● 77 Ir Iridium 192.22		● 78 Pt Platinum 195.08		● 79 Au Gold 196.97		● 80 Hg Mercury 200.59		● 81 Tl Thallium 204.38		● 82 Pb Lead 207.2		● 83 Bi Bismuth 208.98		● 84 Po Polonium [209]		● 85 At Astatine [210]		● 86 Rn Radon [222]	
● 87 Fr Francium [223]		● 88 Ra Radium [226]		○ 89-103 Ac-Lr Actinides See below		○ 104 Rf Rutherfordium [267]		○ 105 Db Dubnium [268]		○ 106 Sg Seaborgium [269]		○ 107 Bh Bohrium [270]		○ 108 Hs Hassium [269]		○ 109 Mt Meitnerium [278]		○ 110 Ds Darmstadtium [281]		○ 111 Rg Roentgenium [282]		○ 112 Cn Copernicium [285]		○ 113 Nh Nihonium [286]		○ 114 Fl Flerovium [289]		○ 115 Mc Moscovium [290]		○ 116 Lv Livermorium [293]		○ 117 Ts Tennessine [294]		○ 118 Og Oganesson [294]	
● 57 La Lanthanum 138.91		● 58 Ce Cerium 140.12		● 59 Pr Praseodymium 140.91		● 60 Nd Neodymium 144.24		● 61 Pm Promethium [145]		● 62 Sm Samarium 150.36		● 63 Eu Europium 151.96		● 64 Gd Gadolinium 157.25		● 65 Tb Terbium 158.93		● 66 Dy Dysprosium 162.50		● 67 Ho Holmium 164.93		● 68 Er Erbium 167.26		● 69 Tm Thulium 168.93		● 70 Yb Ytterbium 173.05		● 71 Lu Lutetium 174.97							
● 89 Ac Actinium [227]		● 90 Th Thorium 232.04		● 91 Pa Protactinium 231.04		● 92 U Uranium 238.03		● 93 Np Neptunium [237]		● 94 Pu Plutonium [244]		● 95 Am Americium [243]		● 96 Cm Curium [247]		○ 97 Bk Berkelium [247]		○ 98 Cf Californium [251]		○ 99 Es Einsteinium [252]		○ 100 Fm Fermium [257]		○ 101 Md Mendelevium [258]		○ 102 No Nobelium [259]		○ 103 Lr Lawrencium [266]							

Source: <https://www.mathsqrt.com/en/mendeleev-periodic-table>