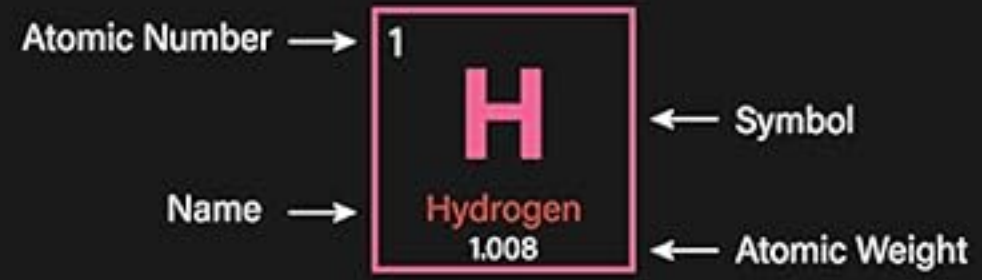


# Periodic Table Of The Elements

|   |   |   |   |   |  |  |   |  |  |   |   |  |   |  |   |  |   |
|---|---|---|---|---|--|--|---|--|--|---|---|--|---|--|---|--|---|
| 1<br>1<br><b>H</b><br>Hydrogen<br>1.008         | 2<br>2<br><b>He</b><br>Helium<br>4.002602     |   |   |   |  |  |   |  |  |   |   |  |   |  |   |  |   |
| 3<br>3<br><b>Li</b><br>Lithium<br>6.94          | 4<br>4<br><b>Be</b><br>Beryllium<br>9.0121831 |   |   |   |  |  |   |  |  |   |   |  |   |  |   |  |   |
| 11<br>3<br><b>Na</b><br>Sodium<br>22.98976928   | 12<br>3<br><b>Mg</b><br>Magnesium<br>24.305   |   |   |   |  |  |   |  |  |   |   |  |   |  |   |  |   |
| 19<br>4<br><b>K</b><br>Potassium<br>39.0983     | 20<br>4<br><b>Ca</b><br>Calcium<br>40.078     | 21<br>4<br><b>Sc</b><br>Scandium<br>44.955908 | 22<br>4<br><b>Ti</b><br>Titanium<br>47.867      | 23<br>4<br><b>V</b><br>Vanadium<br>50.9415    | 24<br>4<br><b>Cr</b><br>Chromium<br>51.9961  | 25<br>4<br><b>Mn</b><br>Manganese<br>54.938044 | 26<br>4<br><b>Fe</b><br>Iron<br>55.845      | 27<br>4<br><b>Co</b><br>Cobalt<br>58.933194  | 28<br>4<br><b>Ni</b><br>Nickel<br>58.6934      | 29<br>4<br><b>Cu</b><br>Copper<br>63.546      | 30<br>4<br><b>Zn</b><br>Zinc<br>65.38         | 31<br>4<br><b>Ga</b><br>Gallium<br>69.723  | 32<br>4<br><b>Ge</b><br>Germanium<br>72.630 | 33<br>4<br><b>As</b><br>Arsenic<br>74.921595 | 34<br>4<br><b>Se</b><br>Selenium<br>78.971    | 35<br>4<br><b>Br</b><br>Bromine<br>79.904    | 36<br>4<br><b>Kr</b><br>Krypton<br>83.798   |
| 37<br>5<br><b>Rb</b><br>Rubidium<br>85.4678     | 38<br>5<br><b>Sr</b><br>Strontium<br>87.62    | 39<br>5<br><b>Y</b><br>Yttrium<br>88.90584    | 40<br>5<br><b>Zr</b><br>Zirconium<br>91.224     | 41<br>5<br><b>Nb</b><br>Niobium<br>92.90637   | 42<br>5<br><b>Mo</b><br>Molybdenum<br>95.95  | 43<br>5<br><b>Tc</b><br>Technetium<br>(98)     | 44<br>5<br><b>Ru</b><br>Ruthenium<br>101.07 | 45<br>5<br><b>Rh</b><br>Rhodium<br>102.90550 | 46<br>5<br><b>Pd</b><br>Palladium<br>106.42    | 47<br>5<br><b>Ag</b><br>Silver<br>107.8682    | 48<br>5<br><b>Cd</b><br>Cadmium<br>112.414    | 49<br>5<br><b>In</b><br>Indium<br>114.818  | 50<br>5<br><b>Sn</b><br>Tin<br>118.710      | 51<br>5<br><b>Sb</b><br>Antimony<br>121.760  | 52<br>5<br><b>Te</b><br>Tellurium<br>127.60   | 53<br>5<br><b>I</b><br>Iodine<br>126.90447   | 54<br>5<br><b>Xe</b><br>Xenon<br>131.293    |
| 55<br>6<br><b>Cs</b><br>Caesium<br>132.90545196 | 56<br>6<br><b>Ba</b><br>Barium<br>137.327     | 57 - 71<br>6<br>Lanthanoids                   | 72<br>6<br><b>Hf</b><br>Hafnium<br>178.49       | 73<br>6<br><b>Ta</b><br>Tantalum<br>180.94788 | 74<br>6<br><b>W</b><br>Tungsten<br>183.84    | 75<br>6<br><b>Re</b><br>Rhenium<br>186.207     | 76<br>6<br><b>Os</b><br>Osmium<br>190.23    | 77<br>6<br><b>Ir</b><br>Iridium<br>192.217   | 78<br>6<br><b>Pt</b><br>Platinum<br>195.084    | 79<br>6<br><b>Au</b><br>Gold<br>196.966569    | 80<br>6<br><b>Hg</b><br>Mercury<br>200.592    | 81<br>6<br><b>Tl</b><br>Thallium<br>204.38 | 82<br>6<br><b>Pb</b><br>Lead<br>207.2       | 83<br>6<br><b>Bi</b><br>Bismuth<br>208.98040 | 84<br>6<br><b>Po</b><br>Polonium<br>(209)     | 85<br>6<br><b>At</b><br>Astatine<br>(210)    | 86<br>6<br><b>Rn</b><br>Radon<br>(222)      |
| 87<br>7<br><b>Fr</b><br>Francium<br>(223)       | 88<br>7<br><b>Ra</b><br>Radium<br>(226)       | 89 - 103<br>7<br>Actinoids                    | 104<br>7<br><b>Rf</b><br>Rutherfordium<br>(267) | 105<br>7<br><b>Db</b><br>Dubnium<br>(268)     | 106<br>7<br><b>Sg</b><br>Seaborgium<br>(269) | 107<br>7<br><b>Bh</b><br>Bohrium<br>(270)      | 108<br>7<br><b>Hs</b><br>Hassium<br>(277)   | 109<br>7<br><b>Mt</b><br>Meitnerium<br>(278) | 110<br>7<br><b>Ds</b><br>Darmstadtium<br>(281) | 111<br>7<br><b>Rg</b><br>Roentgenium<br>(282) | 112<br>7<br><b>Cn</b><br>Copernicium<br>(285) | 113<br>7<br><b>Nh</b><br>Nihonium<br>(286) | 114<br>7<br><b>Fl</b><br>Flerovium<br>(289) | 115<br>7<br><b>Mc</b><br>Moscovium<br>(289)  | 116<br>7<br><b>Lv</b><br>Livermorium<br>(293) | 117<br>7<br><b>Ts</b><br>Tennessine<br>(294) | 118<br>7<br><b>Og</b><br>Oganesson<br>(294) |



State of matter (color of name)  
 GAS LIQUID SOLID UNKNOWN

Subcategory in the metal-metalloid-nonmetal trend (color of symbol)

- Alkaline metal
- Alkaline earth metal
- Metalloid
- Noble gas
- Transition metal
- Post-transition metal
- Polyatomic nonmetal
- Unknown chemical properties
- Lanthanide
- Actinide
- Diatomic nonmetal



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|   |  |  |   |  |                                       |  |   |   |  |   |                                      |  |   |   |
|---|--|--|---|--|---------------------------------------|--|---|---|--|---|--------------------------------------|--|---|---|
| 57<br><b>La</b><br>Lanthanum<br>138.90547 | 58<br><b>Ce</b><br>Cerium<br>140.116   | 59<br><b>Pr</b><br>Praseodymium<br>140.90766 | 60<br><b>Nd</b><br>Neodymium<br>144.242 | 61<br><b>Pm</b><br>Promethium<br>(145) | 62<br><b>Sm</b><br>Samarium<br>150.36 | 63<br><b>Eu</b><br>Europium<br>151.964 | 64<br><b>Gd</b><br>Gadolinium<br>157.25 | 65<br><b>Tb</b><br>Terbium<br>158.92535 | 66<br><b>Dy</b><br>Dysprosium<br>162.500 | 67<br><b>Ho</b><br>Holmium<br>164.93033 | 68<br><b>Er</b><br>Erbium<br>167.259 | 69<br><b>Tm</b><br>Thulium<br>168.93422  | 70<br><b>Yb</b><br>Ytterbium<br>173.045 | 71<br><b>Lu</b><br>Lutetium<br>174.9668 |
| 89<br><b>Ac</b><br>Actinium<br>(227)      | 90<br><b>Th</b><br>Thorium<br>232.0377 | 91<br><b>Pa</b><br>Protactinium<br>231.03588 | 92<br><b>U</b><br>Uranium<br>238.02891  | 93<br><b>Np</b><br>Neptunium<br>(237)  | 94<br><b>Pu</b><br>Plutonium<br>(244) | 95<br><b>Am</b><br>Americium<br>(243)  | 96<br><b>Cm</b><br>Curium<br>(247)      | 97<br><b>Bk</b><br>Berkelium<br>(247)   | 98<br><b>Cf</b><br>Californium<br>(251)  | 99<br><b>Es</b><br>Einsteinium<br>(252) | 100<br><b>Fm</b><br>Fermium<br>(257) | 101<br><b>Md</b><br>Mendelevium<br>(258) | 102<br><b>No</b><br>Nobelium<br>(259)   | 103<br><b>Lr</b><br>Lawrencium<br>(266) |