

## (Mendeleev's) Periodic Table of Chemical Elements via TikZ

1 1.0079 <b>H</b> Hydrogen												2 4.0025 <b>He</b> Helium					
3 6.941 <b>Li</b> Lithium	4 9.0122 <b>Be</b> Beryllium											5 10.811 <b>B</b> Boron	6 12.011 <b>C</b> Carbon	7 14.007 <b>N</b> Nitrogen	8 15.999 <b>O</b> Oxygen	9 18.998 <b>F</b> Flourine	10 20.180 <b>Ne</b> Neon
11 22.990 <b>Na</b> Sodium	12 24.305 <b>Mg</b> Magnesium	3 IIIA	4 IVB	5 VB	6 VIB	7 VIIB	8 VIIIB	9 VIIIB	10 VIIIB	11 IB	12 IIB	13 26.982 <b>Al</b> Aluminium	14 28.086 <b>Si</b> Silicon	15 30.974 <b>P</b> Phosphorus	16 32.065 <b>S</b> Sulphur	17 35.453 <b>Cl</b> Chlorine	18 39.948 <b>Ar</b> Argon
19 39.098 <b>K</b> Potassium	20 40.078 <b>Ca</b> Calcium	21 44.956 <b>Sc</b> Scandium	22 47.867 <b>Ti</b> Titanium	23 50.942 <b>V</b> Vanadium	24 51.996 <b>Cr</b> Chromium	25 54.938 <b>Mn</b> Manganese	26 55.845 <b>Fe</b> Iron	27 58.933 <b>Co</b> Cobalt	28 58.693 <b>Ni</b> Nickel	29 63.546 <b>Cu</b> Copper	30 65.39 <b>Zn</b> Zinc	31 69.723 <b>Ga</b> Gallium	32 72.64 <b>Ge</b> Germanium	33 74.922 <b>As</b> Arsenic	34 78.96 <b>Se</b> Selenium	35 79.904 <b>Br</b> Bromine	36 83.8 <b>Kr</b> Krypton
37 85.468 <b>Rb</b> Rubidium	38 87.62 <b>Sr</b> Strontium	39 88.906 <b>Y</b> Yttrium	40 91.224 <b>Zr</b> Zirconium	41 92.906 <b>Nb</b> Niobium	42 95.94 <b>Mo</b> Molybdenum	43 96 <b>Tc</b> Technetium	44 101.07 <b>Ru</b> Ruthenium	45 102.91 <b>Rh</b> Rhodium	46 106.42 <b>Pd</b> Palladium	47 107.87 <b>Ag</b> Silver	48 112.41 <b>Cd</b> Cadmium	49 114.82 <b>In</b> Indium	50 118.71 <b>Sn</b> Tin	51 121.76 <b>Sb</b> Antimony	52 127.6 <b>Te</b> Tellurium	53 126.9 <b>I</b> Iodine	54 131.29 <b>Xe</b> Xenon
55 132.91 <b>Cs</b> Caesium	56 137.33 <b>Ba</b> Barium	57-71 <b>La-Lu</b> Lanthanide	72 178.49 <b>Hf</b> Hafnium	73 180.95 <b>Ta</b> Tantalum	74 183.84 <b>W</b> Tungsten	75 186.21 <b>Re</b> Rhenium	76 190.23 <b>Os</b> Osmium	77 192.22 <b>Ir</b> Iridium	78 195.08 <b>Pt</b> Platinum	79 196.97 <b>Au</b> Gold	80 200.59 <b>Hg</b> Mercury	81 204.38 <b>Tl</b> Thallium	82 207.2 <b>Pb</b> Lead	83 208.98 <b>Bi</b> Bismuth	84 209 <b>Po</b> Polonium	85 210 <b>At</b> Astatine	86 222 <b>Rn</b> Radon
87 223 <b>Fr</b> Francium	88 226 <b>Ra</b> Radium	89-103 <b>Ac-Lr</b> Actinide	104 261 <b>Rf</b> Rutherfordium	105 262 <b>Db</b> Dubnium	106 266 <b>Sg</b> Seaborgium	107 264 <b>Bh</b> Bohrium	108 277 <b>Hs</b> Hassium	109 268 <b>Mt</b> Meitnerium	110 281 <b>Ds</b> Darmstadtium	111 280 <b>Rg</b> Roentgenium	112 285 <b>Uub</b> Ununbium	113 284 <b>Uut</b> Ununtrium	114 289 <b>Uuq</b> Ununquadium	115 288 <b>Uup</b> Ununpentium	116 293 <b>Uuh</b> Ununhexium	117 292 <b>Uus</b> Ununseptium	118 294 <b>Uuo</b> Ununoctium

- Alkali Metal
- Alkaline Earth Metal
- Metal
- Metalloid
- Non-metal
- Halogen
- Noble Gas
- Lanthanide/Actinide

Z	mass	man-made
<b>Symbol</b>		
Name		

57 138.91 <b>La</b> Lanthanum	58 140.12 <b>Ce</b> Cerium	59 140.91 <b>Pr</b> Praseodymium	60 144.24 <b>Nd</b> Neodymium	61 145 <b>Pm</b> Promethium	62 150.36 <b>Sm</b> Samarium	63 151.96 <b>Eu</b> Europium	64 157.25 <b>Gd</b> Gadolinium	65 158.93 <b>Tb</b> Terbium	66 162.50 <b>Dy</b> Dysprosium	67 164.93 <b>Ho</b> Holmium	68 167.26 <b>Er</b> Erbium	69 168.93 <b>Tm</b> Thulium	70 173.04 <b>Yb</b> Ytterbium	71 174.97 <b>Lu</b> Lutetium
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89 227 <b>Ac</b> Actinium	90 232.04 <b>Th</b> Thorium	91 231.04 <b>Pa</b> Protactinium	92 238.03 <b>U</b> Uranium	93 237 <b>Np</b> Neptunium	94 244 <b>Pu</b> Plutonium	95 243 <b>Am</b> Americium	96 247 <b>Cm</b> Curium	97 247 <b>Bk</b> Berkelium	98 251 <b>Cf</b> Californium	99 252 <b>Es</b> Einsteinium	100 257 <b>Fm</b> Fermium	101 258 <b>Md</b> Mendelevium	102 259 <b>No</b> Nobelium	103 262 <b>Lr</b> Lawrencium
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