

# Periodic Table of the Elements

Density

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About Chemistry

1A		Density										3A 4A 5A 6A 7A					8A
1 <b>H</b> 0.089		<b>Solid or Liquid: g/cm<sup>3</sup> at 20°C and 1 atm</b> <b>Gas: g/liter at 0°C and 1 atm</b>															2 <b>He</b> 0.179
3 <b>Li</b> 0.53	4 <b>Be</b> 1.85											5 <b>B</b> 2.34	6 <b>C</b> 2.26	7 <b>N</b> 1.25	8 <b>O</b> 1.43	9 <b>F</b> 1.70	10 <b>Ne</b> 0.90
11 <b>Na</b> 0.97	12 <b>Mg</b> 1.74											13 <b>Al</b> 2.70	14 <b>Si</b> 2.33	15 <b>P</b> 1.82	16 <b>S</b> 2.07	17 <b>Cl</b> 3.21	18 <b>Ar</b> 1.78
19 <b>K</b> 0.89	20 <b>Ca</b> 1.54	21 <b>Sc</b> 2.99	22 <b>Ti</b> 4.51	23 <b>V</b> 6.0	24 <b>Cr</b> 7.15	25 <b>Mn</b> 7.3	26 <b>Fe</b> 7.87	27 <b>Co</b> 8.86	28 <b>Ni</b> 8.90	29 <b>Cu</b> 8.96	30 <b>Zn</b> 7.14	31 <b>Ga</b> 5.91	32 <b>Ge</b> 5.32	33 <b>As</b> 5.72	34 <b>Se</b> 4.80	35 <b>Br</b> 3.12	36 <b>Kr</b> 3.73
37 <b>Rb</b> 1.53	38 <b>Sr</b> 2.64	39 <b>Y</b> 4.47	40 <b>Zr</b> 6.52	41 <b>Nb</b> 8.57	42 <b>Mo</b> 10.2	43 <b>Tc</b> 11	44 <b>Ru</b> 12.1	45 <b>Rh</b> 12.4	46 <b>Pd</b> 12.0	47 <b>Ag</b> 10.5	48 <b>Cd</b> 8.69	49 <b>In</b> 7.31	50 <b>Sn</b> 7.26	51 <b>Sb</b> 6.68	52 <b>Te</b> 6.24	53 <b>I</b> 4.93	54 <b>Xe</b> 5.89
55 <b>Cs</b> 1.93	56 <b>Ba</b> 3.62	57-71 Lanthanides	72 <b>Hf</b> 13.3	73 <b>Ta</b> 16.4	74 <b>W</b> 19.3	75 <b>Re</b> 20.8	76 <b>Os</b> 22.6	77 <b>Ir</b> 22.5	78 <b>Pt</b> 21.5	79 <b>Au</b> 19.3	80 <b>Hg</b> 13.53	81 <b>Tl</b> 11.8	82 <b>Pb</b> 11.3	83 <b>Bi</b> 9.79	84 <b>Po</b> 9.2	85 <b>At</b> unknown	86 <b>Rn</b> 9.73
87 <b>Fr</b> unknown	88 <b>Ra</b> 5.0	89-103 Actinides	*** Elements > 104 exist only for very short half-lives and the data is unknown.***														

Lanthanides	57 <b>La</b> 6.15	58 <b>Ce</b> 6.77	59 <b>Pr</b> 6.77	60 <b>Nd</b> 7.01	61 <b>Pm</b> 7.26	62 <b>Sm</b> 7.52	63 <b>Eu</b> 5.24	64 <b>Gd</b> 7.90	65 <b>Tb</b> 8.23	66 <b>Dy</b> 8.55	67 <b>Ho</b> 8.80	68 <b>Er</b> 9.07	69 <b>Tm</b> 9.32	70 <b>Yb</b> 6.90	71 <b>Lu</b> 9.84
Actinides	89 <b>Ac</b> 10.0	90 <b>Th</b> 11.7	91 <b>Pa</b> 15.4	92 <b>U</b> 19.1	93 <b>Np</b> 20.2	94 <b>Pu</b> 19.7	95 <b>Am</b> 13.6	96 <b>Cm</b> 13.5	97 <b>Bk</b> 14.8	98 <b>Cf</b> unknown	99 <b>Es</b> unknown	100 <b>Fm</b> unknown	101 <b>Md</b> unknown	102 <b>No</b> unknown	103 <b>Lr</b> unknown