

# Covalent Radius

1 <b>H</b> 0.31 1.008																	2 <b>He</b> 4.003
3 <b>Li</b> 1.28 6.941	4 <b>Be</b> 0.96 9.012	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">                     atomic number  <b>Symbol</b>                      covalent radii Angstrom                      atomic mass g mol<sup>-1</sup> </div>										5 <b>B</b> 0.84 10.81	6 <b>C</b> 0.727 12.01	7 <b>N</b> 0.71 14.01	8 <b>O</b> 0.66 16.00	9 <b>F</b> 0.57 19.00	10 <b>Ne</b> 20.18
11 <b>Na</b> 1.66 22.99	12 <b>Mg</b> 1.41 24.30											13 <b>Al</b> 1.21 26.98	14 <b>Si</b> 1.11 28.09	15 <b>P</b> 1.07 30.97	16 <b>S</b> 1.05 32.06	17 <b>Cl</b> 1.02 35.45	18 <b>Ar</b> 1.06 39.95
19 <b>K</b> 2.03 39.10	20 <b>Ca</b> 1.76 40.08	21 <b>Sc</b> 1.70 44.96	22 <b>Ti</b> 1.60 47.87	23 <b>V</b> 1.53 50.94	24 <b>Cr</b> 1.39 52.00	25 <b>Mn</b> 1.50 54.94	26 <b>Fe</b> 1.42 55.84	27 <b>Co</b> 1.38 58.93	28 <b>Ni</b> 1.24 58.69	29 <b>Cu</b> 1.32 63.55	30 <b>Zn</b> 1.22 65.41	31 <b>Ga</b> 1.22 69.72	32 <b>Ge</b> 1.20 72.64	33 <b>As</b> 1.19 74.92	34 <b>Se</b> 1.20 78.96	35 <b>Br</b> 1.20 79.90	36 <b>Kr</b> 1.16 83.80
37 <b>Rb</b> 2.20 85.47	38 <b>Sr</b> 1.95 87.62	39 <b>Y</b> 1.90 88.91	40 <b>Zr</b> 1.75 91.22	41 <b>Nb</b> 1.64 92.91	42 <b>Mo</b> 1.54 95.94	43 <b>Tc</b> 1.47 97.91	44 <b>Ru</b> 1.46 101.1	45 <b>Rh</b> 1.42 102.9	46 <b>Pd</b> 1.39 106.4	47 <b>Ag</b> 1.45 107.9	48 <b>Cd</b> 1.44 112.4	49 <b>In</b> 1.42 114.8	50 <b>Sn</b> 1.39 118.7	51 <b>Sb</b> 1.39 121.8	52 <b>Te</b> 1.38 127.6	53 <b>I</b> 1.39 126.9	54 <b>Xe</b> 1.40 131.3
55 <b>Cs</b> 2.44 132.9	56 <b>Ba</b> 2.15 137.3	57 <b>La</b> 2.07 138.9	72 <b>Hf</b> 1.75 178.5	73 <b>Ta</b> 1.70 180.9	74 <b>W</b> 1.62 183.8	75 <b>Re</b> 1.51 186.2	76 <b>Os</b> 1.44 190.2	77 <b>Ir</b> 1.41 192.2	78 <b>Pt</b> 1.36 195.1	79 <b>Au</b> 1.36 197.0	80 <b>Hg</b> 1.32 200.6	81 <b>Tl</b> 1.45 204.4	82 <b>Pb</b> 1.46 207.2	83 <b>Bi</b> 1.48 209.0	84 <b>Po</b> 1.40 209.0	85 <b>At</b> 1.50 210.0	86 <b>Rn</b> 1.50 222.0
87 <b>Fr</b> 2.60 223.0	88 <b>Ra</b> 2.21 226.0	89 <b>Ac</b> 2.15 227.0	104 <b>Rf</b> [261]	105 <b>Db</b> [262]	106 <b>Sg</b> [266]	107 <b>Bh</b> [264]	108 <b>Hs</b> [277]	109 <b>Mt</b> [268]	110 <b>Ds</b> [271]	111 <b>Rg</b> [272]	112 <b>Cn</b> [285]	113 <b>Uut</b>	114 <b>Fl</b>	115 <b>Uup</b>	116 <b>Lv</b>	117 <b>Uus</b>	118 <b>Uuo</b>