

States of Matter at Room

Periodic Table of the Elements

Natural Form

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About Chemistry

1A												3A					4A	5A	6A	7A	8A					
1 H ₂ GAS											5 B RHOM	6 C HEX	7 N GAS	8 O GAS	9 F GAS	10 Ne GAS										
3 Li BCC	4 Be HEX											13 Al FCC	14 Si FCC	15 P CUBIC	16 S ORTHO	17 Cl GAS	18 Ar GAS									
11 Na BCC	12 Mg HEX	3B	4B	5B	6B	7B	8B		1B	2B	31 Ga ORTHO	32 Ge FCC	33 As RHOM	34 Se HEX	35 Br LIQUID	36 Kr GAS										
19 K BCC	20 Ca FCC	21 Sc HEX	22 Ti HEX	23 V BCC	24 Cr BCC	25 Mn BCC	26 Fe BCC	27 Co HEX	28 Ni FCC	29 Cu FCC	30 Zn HEX	49 In TETRA	50 Sn TETRA	51 Sb RHOM	52 Te HEX	53 I ORTHO	54 Xe GAS									
37 Rb BCC	38 Sr FCC	39 Y HEX	40 Zr HEX	41 Nb BCC	42 Mo BCC	43 Tc HEX	44 Ru HEX	45 Rh FCC	46 Pd FCC	47 Ag FCC	48 Cd HEX	81 Tl HEX	82 Pb FCC	83 Bi RHOM	84 Po CUBIC	85 At UNK	86 Rn GAS									
55 Cs BCC	56 Ba BCC	57-71 Lanthanides	72 Hf HEX	73 Ta BCC	74 W BCC	75 Re HEX	76 Os HEX	77 Ir FCC	78 Pt FCC	79 Au FCC	80 Hg LIQUID	89 Ac FCC	90 Th FCC	91 Pa TETRA	92 U ORTHO	93 Np ORTHO	94 Pu MONO	95 Am HEX	96 Cm HEX	97 Bk HEX	98 Cf HEX	99 Es HEX	100 Fm UNK	101 Md UNK	102 No UNK	103 Lr UNK
87 Fr UNK	88 Ra BCC	89-103 Actinides	*** Elements > 104 exist only for very short half-lives and the data is unknown.***																							

Solid Liquid Gas

Lanthanides

Actinides

57 La HEX	58 Ce FCC	59 Pr HEX	60 Nd HEX	61 Pm HEX	62 Sm RHOM	63 Eu BCC	64 Gd HEX	65 Tb HEX	66 Dy HEX	67 Ho HEX	68 Er HEX	69 Tm HEX	70 Yb FCC	71 Lu HEX
89 Ac FCC	90 Th FCC	91 Pa TETRA	92 U ORTHO	93 Np ORTHO	94 Pu MONO	95 Am HEX	96 Cm HEX	97 Bk HEX	98 Cf HEX	99 Es HEX	100 Fm UNK	101 Md UNK	102 No UNK	103 Lr UNK

Most stable crystalline structure of solids

CUBIC	Simple Cubic	FCC	Face Centered Cubic	ORTHO	Orthorhombic	TETRA	Tetragonal	UNK	Unknown
BCC	Body Centered Cubic	HEX	Hexagonal	RHOM	Rhombohedral	MONO	Monoclinic		