

P E R I O D I C T A B L E

Atomic Properties of the Elements

Period

Group	1 IA	2 IIA											13 IIIA	14 IVA	15 VA	16 VIA	17 VIIA	18 VIIIA	
1	1 H 2.1																		2 He 0
2	3 Li 1.0	4 Be 1.5											5 B 2.0	6 C 2.5	7 N 3.0	8 O 3.5	9 F 4.0	10 Ne 0	
3	11 Na 0.9	12 Mg 1.2	3 IIIB	4 IVB	5 VB	6 VIB	7 VIIB	8 VIII	9 VIII	10 VIII	11 IB	12 IIB	13 Al 1.5	14 Si 1.8	15 P 2.1	16 S 2.5	17 Cl 3.0	18 Ar 0	
4	19 K 0.8	20 Ca 1.0	21 Sc 1.3	22 Ti 1.5	23 V 1.6	24 Cr 1.6	25 Mn 1.5	26 Fe 1.8	27 Co 1.9	28 Ni 1.8	29 Cu 1.9	30 Zn 1.6	31 Ga 1.6	32 Ge 1.8	33 As 2.0	34 Se 2.4	35 Br 2.8	36 Kr 0	
5	37 Rb 0.8	38 Sr 1.0	39 Y 1.2	40 Zr 1.4	41 Nb 1.6	42 Mo 1.8	43 Tc 1.9	44 Ru 2.2	45 Rh 2.2	46 Pd 2.2	47 Ag 1.9	48 Cd 1.7	49 In 1.7	50 Sn 1.8	51 Sb 1.9	52 Te 2.1	53 I 2.5	54 Xe 0	
6	55 Cs 0.7	56 Ba 0.9	Lanthanides		72 Hf 1.3	73 Ta 1.5	74 W 1.7	75 Re 1.9	76 Os 2.2	77 Ir 2.2	78 Pt 2.2	79 Au 2.4	80 Hg 1.9	81 Tl 1.8	82 Pb 1.9	83 Bi 1.9	84 Po 2.0	85 At 2.2	86 Rn 0
7	87 Fr 0.7	88 Ra 0.9	Actinides		104 Rf 0	105 Db 0	106 Sg 0	107 Bh 0	108 Hs 0	109 Mt 0	110 Uun 0	111 Uuu 0	112 Uub 0		114 Uuq 0		116 Uuh 0		
			57 La 0	58 Ce 0	59 Pr 0	60 Nd 0	61 Pm 0	62 Sm 0	63 Eu 0	64 Gd 0	65 Tb 0	66 Dy 0	67 Ho 0	68 Er 0	69 Tm 0	70 Yb 0	71 Lu 0		
			89 Ac 0	90 Th 0	91 Pa 0	92 U 0	93 Np 0	94 Pu 0	95 Am 0	96 Cm 0	97 Bk 0	98 Cf 0	99 Es 0	100 Fm 0	101 Md 0	102 No 0	103 Lr 0		

- non-metals
- alkali metals
- alkali earth metals
- transition metals
- poor metals
- halogens
- noble gases
- rare earth metals

Atomic Number

Symbol

electronegativity values

58
Ce
0.0