

Electronegativity Chart

1	1																	18			
1	H																	He			
2	2.20	2														0					
3	3	4														5	6	7	8	9	10
2	Li	Be														B	C	N	O	F	Ne
3	0.98	1.57														2.04	2.55	3.04	3.44	3.98	0
4	11	12														13	14	15	16	17	18
3	Na	Mg														Al	Si	P	S	Cl	Ar
4	0.93	1.31	3	4	5	6	7	8	9	10	11	12	1.50	1.80	2.19	2.58	3.16	0			
5	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36			
4	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr			
5	0.82	1.00	1.36	1.54	1.63	1.66	1.55	1.83	1.88	1.91	1.90	1.65	1.81	2.01	2.18	2.55	2.96	0			
6	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54			
5	Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe			
6	0.82	0.95	1.22	1.33	1.6	2.16	1.9	2.2	2.28	2.20	1.93	1.69	1.78	1.96	2.05	2.1	2.66	0			
7	55	56	57	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86			
6	Cs	Ba	La	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn			
7	0.79	0.89	1.10	1.3	1.5	2.36	1.9	2.2	2.20	2.28	2.54	2.00	2.04	2.33	2.02	2.0	2.2	0			
8	87	88	89	104	105	106	107	108	109	110	111										
7	Fr	Ra	Ac	Rf	Ha	Sg	Ns	Hs	Mt	Unn	Unu										
8	0.7	0.9	1.1	--	--	--	--	--	--	--	--										

Differences

0.0-0.4...

0.5-1.7...

Greater than 1.8...

Covalent

Polar Covalent

Ionic

Electronegativity Difference

0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2
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	58	59	60	61	62	63	64	65	66	67	68	69	70	71
Lanthanide Series	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
	1.12	1.13	1.14	1.13	1.17	1.2	1.20	1.2	1.22	1.23	1.24	1.25	1.1	1.27
Actinide Series	90	91	92	93	94	95	96	97	98	99	100	101	102	103
	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr
	1.3	1.5	1.38	1.36	1.28	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	--