

The Atomic Radii of the Elements on The Electronic Schemata of the Elements

1 H	9 F	17 Cl	25 Mn		35 Br	43 Tc		53 I	61 Pm	69 Tm	75 Re		85 At	93 Np	101 Md	107 Uns		117 Uus
2 He	10 Ne	18 Ar	26 Fe		36 Kr	44 Ru		54 Xe	62 Sm	70 Yb	76 Os		86 Rn	94 Pu	102 No	108 Uno		118 Uuo
3 Li	11 Na	19 K	27 Co	29 Cu	37 Rb	45 Rh	47 Ag	55 Cs	63 Eu		77 Ir	79 Au	87 Fr	95 Am		109 Une	111 Uuu	119 Uue
4 Be	12 Mg	20 Ca	28 Ni	30 Zn	38 Sr	46 Pd	48 Cd	56 Ba	64 Gd		78 Pt	80 Hg	88 Ra	96 Cm		110 Uun	112 Uub	120 Ubn
5 B	13 Al	21 Sc		31 Ga	39 Y		49 In	57 La	65 Tb	71 Lu		81 Tl	89 Ac	97 Bk	103 Lr		113 Uut	
6 C	14 Si	22 Ti		32 Ge	40 Zr		50 Sn	58 Ce	66 Dy	72 Hf		82 Pb	90 Th	98 Cf	104 Unq		114 Uuq	
7 N	15 P	23 V		33 As	41 Nb		51 Sb	59 Pr	67 Ho	73 Ta		83 Bi	91 Pa	99 Es	105 Unp		115 Uup	
8 O	16 S	24 Cr		34 Se	42 Mo		52 Te	60 Nd	68 Er	74 W		84 Po	92 U	100 Fm	106 Unh		116 Uuh	

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The Electronic Schemata of the Elements: Atomic Radii

Atomic number → 1 - H ← Symbol
Atomic Radii → 0.79

1-H 0.79	9-F 0.57	17-Cl 0.97	25-Mn 1.79		35-Br 1.12	43-Tc 1.95		53-I 1.32	61-Pm 2.62	69-Tm 2.42	75-Re 1.97		85-At 1.43	93 Np	101 Md	107 Uns		117 Uus
2-He 0.49	10-Ne 0.51	18-Ar 0.88	26-Fe 1.72		36-Kr 1.03	44-Ru 1.89		54-Xe 1.24	62-Sm 2.59	70-Yb 2.4	76-Os 1.92		86-Rn 1.34	94 Pu	102 No	108 Uno		118 Uuo
3-Li 2.05	11-Na 2.23	19-K 2.77	27-Co 1.67	29-Cu 1.57	37-Rb 2.98	45-Rh 1.83	47-Ag 1.75	55-Cs 3.34	63-Eu 2.56		77-Ir 1.87	79-Au 1.79	87 Fr	95 Am		109 Une	111 Uuu	119 Uue
4-Be 1.4	12-Mg 1.72	20-Ca 2.23	28-Ni 1.62	30-Zn 1.53	38-Sr 2.45	46-Pd 1.79	48-Cd 1.71	56-Ba 2.78	64-Gd 2.54		78-Pt 1.83	80-Hg 1.76	88 Ra	96 Cm		110 Uun	112 Uub	120 Ubn
5-B 1.17	13-Al 1.82	21-Sc 2.09		31-Ga 1.81	39-Y 2.27		49-In 2.0	57-La 2.74	65-Tb 2.51	71-Lu 2.25		81-Tl 2.08	89-Ac 1.88	97 Bk	103 Lr		113 Uut	
6-C 0.91	14-Si 1.46	22-Ti 2.0		32-Ge 1.52	40-Zr 2.16		50-Sn 1.72	58-Ce 2.7	66-Dy 2.49	72-Hf 2.16		82-Pb 1.81	90 Th	98 Cf	104 Unq		114 Uuq	
7-N 0.75	15-P 1.23	23-V 1.92		33-As 1.33	41-Nb 2.08		51-Sb 1.53	59-Pr 2.67	67-Ho 2.47	73-Ta 2.09		83-Bi 1.63	91 Pa	99 Es	105 Unp		115 Uup	
8-O 0.65	16-S 1.09	24-Cr 1.85		34-Se 1.22	42-Mo 2.01		52-Te 1.42	60-Nd 2.64	68-Er 2.45	74-W 2.02		84-Po 1.53	92 U	100 Fm	106 Unh		116 Uuh	

Basic Scroll of the 120-Element Schema

The Electronic Schemata of the Elements: Atomic Radii Incremental Tendency

1-H 0.79	9-F 0.57	17-Cl 0.97	25-Mn 1.79		35-Br 1.12	43-Tc 1.95		53-I 1.32	61-Pm 2.62	69-Tm 2.42	75-Re 1.97		85-At 1.43	93 Np	101 Md	107 Uns		117 Uus
2-He 0.49	10-Ne 0.51	18-Ar 0.88	26-Fe 1.72		36-Kr 1.03	44-Ru 1.89		54-Xe 1.24	62-Sm 2.59	70-Yb 2.4	76-Os 1.92		86-Rn 1.34	94 Pu	102 No	108 Uno		118 Uuo
3-Li 2.05	11-Na 2.23	19-K 2.77	27-Co 1.67	29-Cu 1.57	37-Rb 2.98	45-Rh 1.83	47-Ag 1.75	55-Cs 3.34	63-Eu 2.56		77-Ir 1.87	79-Au 1.79	87 Fr	95 Am		109 Une	111 Uuu	119 Uue
4-Be 1.4	12-Mg 1.72	20-Ca 2.23	28-Ni 1.62	30-Zn 1.53	38-Sr 2.45	46-Pd 1.79	48-Cd 1.71	56-Ba 2.78	64-Gd 2.54		78-Pt 1.83	80-Hg 1.76	88 Ra	96 Cm		110 Uun	112 Uub	120 Ubn
5-B 1.17	13-Al 1.82	21-Sc 2.09		31-Ga 1.81	39-Y 2.27		49-In 2.0	57-La 2.74	65-Tb 2.51	71-Lu 2.25		81-Tl 2.08	89-Ac 1.88	97 Bk	103 Lr			113 Uut
6-C 0.91	14-Si 1.46	22-Ti 2.0		32-Ge 1.52	40-Zr 2.16		50-Sn 1.72	58-Ce 2.7	66-Dy 2.49	72-Hf 2.16		82-Pb 1.81	90 Th	98 Cf	104 Unq			114 Uuq
7-N 0.75	15-P 1.23	23-V 1.92		33-As 1.33	41-Nb 2.08		51-Sb 1.53	59-Pr 2.67	67-Ho 2.47	73-Ta 2.09		83-Bi 1.63	91 Pa	99 Es	105 Unp			115 Uup
8-O 0.65	16-S 1.09	24-Cr 1.85		34-Se 1.22	42-Mo 2.01		52-Te 1.42	60-Nd 2.64	68-Er 2.45	74-W 2.02		84-Po 1.53	92 U	100 Fm	106 Unh			116 Uuh

31-Ga
1.81

The Electronic Schemata of the Elements: Atomic Radii Decremental Tendency

1-H 0.79	9-F 0.57	17-Cl 0.97		35-Br 1.12		53-I 1.32	61-Pm 2.62	69-Tm 2.42		85-At 1.43	93-Np	101-Md			
2-He 0.49	10-Ne 0.51	18-Ar 0.88	26-Fe 1.72	36-Kr 1.03	44-Ru 1.89	54-Xe 1.24	62-Sm 2.59	70-Yb 2.4	76-Os 1.92	86-Rn 1.34	94-Pu	102-No	108-Uno		
3-Li 2.05	11-Na 2.23	19-K 2.77	27-Co 1.67	29-Cu 1.57	37-Rb 2.98	45-Rh 1.83	47-Ag 1.75	55-Cs 3.34	63-Eu 2.56	77-Ir 1.87	79-Au 1.79	87-Fr	95-Am	109-Une	111-Uuu
4-Be 1.4	12-Mg 1.72	20-Ca 2.23	28-Ni 1.62	30-Zn 1.53	38-Sr 2.45	46-Pd 1.79	48-Cd 1.71	56-Ba 2.78	64-Gd 2.54	78-Pt 1.83	80-Hg 1.76	88-Ra	96-Cm	110-Uun	112-Uub
5-B 1.17	13-Al 1.82	21-Sc 2.09		31-Ga 1.81	39-Y 2.27	49-In 2.0		57-La 2.74	65-Tb 2.51	71-Lu 2.25		81-Tl 2.08	89-Ac	97-Bk	103-Lr
6-C 0.91	14-Si 1.46	22-Ti 2.0		32-Ge 1.52	40-Zr 2.16	50-Sn 1.72		58-Ce 2.7	66-Dy 2.49	72-Hf 2.16		82-Pb 1.81	90-Th	98-Cf	104-Unq
7-N 0.75	15-P 1.23	23-V 1.92		33-As 1.33	41-Nb 2.08	51-Sb 1.53		59-Pr 2.67	67-Ho 2.47	73-Ta 2.09		83-Bi 1.63	91-Pa	99-Es	105-Unp
8-O 0.65	16-S 1.09	24-Cr 1.85		34-Se 1.22	42-Mo 2.01	52-Te 1.42		60-Nd 2.64	68-Er 2.45	74-W 2.02		84-Po 1.53	92-U	100-Fm	106-Unh
		25-Mn 1.79			43-Tc 1.95					75-Re 1.97				107-Uns	

1-H 0.79	9-F 0.57	17-Cl 0.97	21-Sc 2.09		35-Br 1.12	39-Y 2.27		53-I 1.32	57-La 2.74	71-Lu 2.25	85-At 1.43	93 Np	101 Md	103 Lr
2-He 0.49	10-Ne 0.51	18-Ar 0.88	22-Ti 2.0		36-Kr 1.03	40-Zr 2.16		54-Xe 1.24	58-Ce 2.7	72-Hf 2.16	86-Rn 1.34	94 Pu	102 No	104 Unq
3-Li 2.05	11-Na 2.23	19-K 2.77	23-V 1.92		37-Rb 2.98	41-Nb 2.08		55-Cs 3.34	59-Pr 2.67	73-Ta 2.09	87 Fr	95 Am		105 Unp
4-Be 1.4	12-Mg 1.72	20-Ca 2.23	24-Cr 1.85		38-Sr 2.45	42-Mo 2.01		56-Ba 2.78	61-Pm 2.62	74-W 2.02	88 Ra	96 Cm		106 Unh
5-B 1.17	13-Al 1.82		25-Mn 1.79	31-Ga 1.81		43-Tc 1.95	49-In 2.0		62-Sm 2.59	75-Re 1.97	81-Tl 2.08	89-Ac 1.88	97 Bk	107 Uns
6-C 0.91	14-Si 1.46		26-Fe 1.72	32-Ge 1.52		44-Ru 1.89	50-Sn 1.72		63-Eu 2.56	76-Os 1.92	82-Pb 1.81	90 Th	98 Cf	108 Uno
7-N 0.75	15-P 1.23		27-Co 1.67	33-As 1.33		45-Rh 1.83	51-Sb 1.53		64-Gd 2.54	77-Ir 1.87	83-Bi 1.63	91 Pa	99 Es	109 Une
8-O 0.65	16-S 1.09		28-Ni 1.62	34-Se 1.22		46-Pd 1.79	52-Te 1.42		65-Tb 2.51	78-Pt 1.83	84-Po 1.53	92 U	100 Fm	110 Uun
			29-Cu 1.57			47-Ag 1.75			66-Dy 2.49	79-Au 1.79				111 Uuu
			30-Zn 1.53			48-Cd 1.71			67-Ho 2.47	80-Hg 1.76				112 Uub
									68-Er 2.45					
									69-Tm 2.42					
									70-Yb 2.4					

**The Electronic Schemata of the Elements: Atomic Radii
Decremental Tendency**

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Patent Pending

1-H 0.79	9-F 0.57	17-Cl 0.97	21-Sc 2.09	35-Br 1.12	39-Y 2.27	53-I 1.32	57-La 2.74	71-Lu 2.25	85-At 1.43	93 Np	101 Md	103 Lr
2-He	10-Ne	18-Ar	22-Ti 2.0	36-Kr 1.03	40-Zr 2.16	54-Xe 1.24	58-Ce 2.7	72-Hf 2.16	86-Rn 1.34	94 Pu	102 No	104 Unq
3-Li 2.05	11-Na 2.23	19-K 2.77	23-V 1.92	37-Rb 2.98	41-Nb 2.08	55-Cs 3.34	59-Pr 2.67	73-Ta 2.09	87 Fr	95 Am		105 Unp
4-Be 1.4	12-Mg 1.72	20-Ca 2.23	24-Cr 1.85	38-Sr 2.45	42-Mo 2.01	56-Ba 2.78	60-Nd 2.64	74-W 2.02	88 Ra	96 Cm		106 Unh
5-B 1.17	13-Al 1.82		25-Mn 1.79	31-Ga 1.81	43-Tc 1.95	49-In 2.0	61-Pm 2.62	75-Re 1.97	81-Tl 2.08	89-Ac 1.88	97 Bk	107 Uns
6-C 0.91	14-Si 1.46		26-Fe 1.72	32-Ge 1.52	44-Ru 1.89	50-Sn 1.72	62-Sm 2.59	76-Os 1.92	82-Pb 1.81	90 Th	98 Cf	108 Uno
7-N 0.75	15-P 1.23		27-Co 1.67	33-As 1.33	45-Rh 1.83	51-Sb 1.53	63-Eu 2.56	77-Ir 1.87	83-Bi 1.63	91 Pa	99 Es	109 Une
8-O 0.65	16-S 1.09		28-Ni 1.62	34-Se 1.22	46-Pd 1.79	52-Te 1.42	64-Gd 2.54	78-Pt 1.83	84-Po 1.53	92 U	100 Fm	110 Uun
			29-Cu 1.57		47-Ag 1.75		65-Tb 2.51	79-Au 1.79				111 Uuu
			30-Zn 1.53		48-Cd 1.71		66-Dy 2.49	80-Hg 1.76				112 Uub
							67-Ho 2.47					
							68-Er 2.45					
							69-Tm 2.42					
							70-Yb 2.4					

**The Electronic Schemata of the Elements: Atomic Radii
Incremental / Decremental Tendency**

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