Radii for Cations and Anions

(all values in pm)

Number	Name	Symbol	3-	2-	1-	1+	2+	3+	4+	5+	6+	7+	8+
3	Lithium	Li				76							
4	Beryllium	Be					45						
5	Boron	B						27					
6	Carbon	C							16				
7	Nitrogen	N	146					16		13			
8	Oxygen	O		140									
9	Fluorine	F			133							8	
11	Sodium	Na				102							
12	Magnesium	Mg					72						
13	Aluminum	Al						53.5					
14	Silicon	Si							40				
15	Phosphorus	P						44		38			
16	Sulfur	S		184					37		29		
17	Chlorine	Cl			181					12		27	
19	Potassium	K				138							
20	Calcium	Ca					100						
21	Scandium	Sc						74.5					
22	Titanium	Ti					86	67	60.5				
23	Vanadium	V					79	64	58	54			
24	Chromium ls	Cr					73	61.5	55	49	44		
24	Chromium hs	Cr					80						
25	Manganese ls	Mn					67	58	53	33	25.5	46	
25	Manganese hs	Mn					83	64.5					
26	Iron ls	Fe					61	55	58.5		25		
26	Iron hs	Fe					78	64.5					
27	Cobalt ls	Co					65	54.5					
27	Cobalt hs	Co					74.5	61	53				

Number	Name	Symbol	3-	2-	1-	1+	2+	3+	4+	5+	6+	7+	8+
28	Nickel ls	Ni					69	56	48				
28	Nickel hs	Ni						60					
29	Copper	Cu				77	73	54					
30	Zinc	Zn					74						
31	Gallium	Ga						62					
32	Germanium	Ge					73		53				
33	Arsenic	As						58		46			
34	Selenium	Se		198					50		42		
35	Bromine	Br			196			59		31		39	
37	Rubidium	Rb				152							
38	Strontium	Sr					118						
39	Yttrium	Y						90					
40	Zirconium	Zr							72				
41	Niobium	Nb						72	68	64			
42	Molybdenum	Mo						69	65	61	59		
43	Technetium	Tc							64.5	60		56	
44	Ruthenium	Ru						68	62	56.5		38	36
45	Rhodium	Rh						66.5	60	55			
46	Palladium	Pd				59	86	76	61.5				
47	Silver	Ag				115	94	75					
48	Cadmium	Cd					95						
49	Indium	In						80					
50	Tin	Sn							69				
51	Antimony	Sb						76		60			
52	Tellurium	Te		221					97		56		
53	Iodine	I			220					95		53	
54	Xenon	Xe											48