

USEFUL INFORMATION

Typical Coordination Numbers for Some Common Metal Ions

M ⁺	Coordination Numbers	M ²⁺	Coordination Numbers	M ³⁺	Coordination Numbers
Cu ⁺	2, 4	Mn ²⁺	4, 6	Sc ³⁺	6
Ag ⁺	2	Fe ²⁺	6	Cr ³⁺	6
Au ⁺	2, 4	Co ²⁺	4, 6	Co ³⁺	6
		Ni ²⁺	4, 6	Au ³⁺	4
		Cu ²⁺	4, 6		
		Zn ²⁺	4, 6		

Latin Names Used for Some Metal Ions in Anionic Complex Ions

Metal	Anionic Complex Base Name
Iron	Ferrate
Copper	Cuprate
Lead	Plumbate
Silver	Argentate
Gold	Aurate
Tin	Stannate