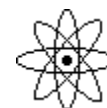


Common Ion Chart



Positive Ions (Cations)

+1	
Ammonium	NH ₄ ⁺
Copper (I), cuprous	Cu ⁺
Gold (I), aurous	Au ⁺
Hydrogen	H ⁺
Hydronium	H ₃ O ⁺
Lithium	Li ⁺
Mercury (I), mercurous	Hg ₂ ²⁺
Potassium	K ⁺
Rubidium	Rb ⁺
Silver	Ag ⁺
Sodium	Na ⁺
+2	
Barium	Ba ²⁺
Beryllium	Be ²⁺
Cadmium	Cd ²⁺
Calcium	Ca ²⁺
Chromium (II), chromous	Cr ²⁺
Cobalt (II), cobaltous	Co ²⁺
Copper (II), cupric	Cu ²⁺
Iron (II), ferrous	Fe ²⁺
Lead (II), plumbous	Pb ²⁺
Magnesium	Mg ²⁺
Manganese (II), manganous	Mn ²⁺
Mercury (II), mercuric	Hg ²⁺
Nickel (II), nickelous	Ni ²⁺
Strontium	Sr ²⁺
Tin (II), stannous	Sn ²⁺
Zinc	Zn ²⁺
+3	
Aluminum	Al ³⁺
Bismuth (III), bismuthous	Bi ³⁺
Boron	B ³⁺
Chromium (III), chromic	Cr ³⁺
Cobalt (III), cobaltic	Co ³⁺
Gold (III), auric	Au ³⁺
Iron (III), ferric	Fe ³⁺
Manganese (III), manganic	Mn ³⁺
Nickel (III), nickelic	Ni ³⁺
+4	
Lead (IV), plumbic	Pb ⁴⁺
Tin (IV), stannic	Sn ⁴⁺
+5	
Bismuth (V), bismuthic	Bi ⁵⁺

The first name listed is the "systematic name", the second name is the outdated "common name".

Molecular Naming Prefixes		
1 – mono-	6 – hexa-	
2 – di-	7 – hepta-	
3 – tri-	8 – octa-	
4 – tetra-	9 – nona-	
5 – penta-	10 – deca-	

Negative Ions (Anions)

-1	
Acetate	C ₂ H ₃ O ₂ ⁻
Bromate	BrO ₃ ⁻
Bromide	Br ⁻
Chloride	Cl ⁻
Chlorate	ClO ₃ ⁻
Chlorite	ClO ₂ ⁻
Cyanate	NCO ⁻
Cyanide	CN ⁻
Fluoride	F ⁻
Hydride	H ⁻
Hydrogen Carbonate, Bicarbonate	HCO ₃ ⁻
Dihydrogen Phosphate, Biphosphate	H ₂ PO ₄ ⁻
Hydrogen Oxalate, Binoxalate	HC ₂ O ₄ ⁻
Hydrogen Sulfate, Bisulfate	HSO ₄ ⁻
Hydrogen Sulfide, Bisulfide	HS ⁻
Hydrogen Sulfite, Bisulfite	HSO ₃ ⁻
Hydroxide	OH ⁻
Hypochlorite	ClO ⁻
Iodate	IO ₃ ⁻
Iodide	I ⁻
Nitrate	NO ₃ ⁻
Nitrite	NO ₂ ⁻
Perchlorate	ClO ₄ ⁻
Permanganate	MnO ₄ ⁻
Thiocyanate	SCN ⁻
-2	
Carbonate	CO ₃ ²⁻
Chromate	CrO ₄ ²⁻
Dichromate	Cr ₂ O ₇ ²⁻
(Mono)Hydrogen Phosphate	HPO ₄ ²⁻
Oxalate	C ₂ O ₄ ²⁻
Oxide	O ²⁻
Silicate	SiO ₃ ²⁻
Sulfate	SO ₄ ²⁻
Sulfide	S ²⁻
Sulfite	SO ₃ ²⁻
Tartrate	C ₄ H ₄ O ₆ ²⁻
Thiosulfate	S ₂ O ₃ ²⁻
-3	
Arsenide	As ³⁻
Borate	BO ₃ ³⁻
Nitride	N ³⁻
Phosphate	PO ₄ ³⁻
Phosphide	P ³⁻
Phosphite	PO ₃ ³⁻
-4	
Carbide	C ⁴⁻
Silicide	Si ⁴⁻

Naming Acids	Anion suffix	Acid Name
	-ide	hydro_____ic acid
	-ate	_____ic acid
	-ite	_____ous acid