Common Ions and Their Charges

Monatomic Cations	Name
H^+	Hydrogen
Li^+	Lithium
Na^+	Sodium
K^+	Potassium
Mg^{2+}	Magnesium
Ca^{2+}	Calcium
Ba^{2+}	Barium
Al^{3+}	Aluminum
Ag^+	Silver
Zn^{2+}	Zinc

Monatomic Anions	Name
F^-	Fluoride
Cl^-	Chloride
Br^-	Bromide
I^-	Iodide
O^{2-}	Oxide
S^{2-}	Sulfide
N^{3-}	Nitride

Monatomic Cations (multiple oxidation state)	Name
Fe^{3+}	Iron (III)
Fe^{2+}	Iron (II)
Cu^{2+}	Copper (II)
Cu^+	Copper (I)
Cr^{3+}	Chromium (III)
Ni^{2+}	Nickel (II)
Pb^{4+}	Lead (IV)
Pb^{2+}	Lead (II)
Hg^{2+}	Mercury (II)
Hg_2^{2+}	Mercury (I)

Polyatomic Ions	Name
NH_4^+	Ammonium
NO_2^-	Nitrite
NO_3^-	Nitrate
SO_3^{2-}	Sulfite
SO_4^{2-}	Sulfate
HSO_4^-	Hydrogen sulfate
OH^-	Hydroxide
CN^-	Cyanide
PO_4^{3-}	Phosphate
CO_3^{2-}	Carbonate
HCO_3^-	Hydrogen carbonate
ClO^-	Hypochlorite
ClO_2^-	Chlorite
ClO_3^-	Chlorate
ClO_4^-	Perchlorate
$C_2H_3O_2^-$	Acetate
CrO_4^{2-}	Chromate
$Cr_2O_7^{2-}$	Dichromate
O_2^{2-}	Peroxide