

# DIE WICHTIGSTEN IONEN

## Einatomige Anionen:

|               |         |                 |        |
|---------------|---------|-----------------|--------|
| $\text{Br}^-$ | Bromid  | $\text{I}^-$    | Iodid  |
| $\text{Cl}^-$ | Chlorid | $\text{O}^{2-}$ | Oxid   |
| $\text{F}^-$  | Fluorid | $\text{S}^{2-}$ | Sulfid |
| $\text{H}^-$  | Hydrid  |                 |        |

## Mehratomige Anionen:

|                              |                    |                             |                       |
|------------------------------|--------------------|-----------------------------|-----------------------|
| $\text{CH}_3\text{COO}^-$    | Acetat             | $\text{HSO}_4^-$            | Hydrosulfat           |
| $\text{CN}^-$                | Cyanid             | $\text{IO}_3^-$             | Iodat                 |
| $\text{CO}_3^{2-}$           | Carbonat           | $\text{MnO}_4^-$            | Permanganat           |
| $\text{ClO}^-$               | Hypochlorit        | $\text{N}_3^-$              | Azid                  |
| $\text{ClO}_3^-$             | Chlorat            | $\text{NO}_2^-$             | Nitrit                |
| $\text{ClO}_4^-$             | Perchlorat         | $\text{NO}_3^-$             | Nitrat                |
| $\text{CrO}_4^{2-}$          | Chromat            | $\text{O}_2^{2-}$           | Peroxid               |
| $\text{Cr}_2\text{O}_7^{2-}$ | Dichromat          | $\text{OH}^-$               | Hydroxid              |
| $\text{HCOO}^-$              | Formiat            | $\text{PO}_4^{3-}$          | Phosphat              |
| $\text{HCO}_3^-$             | Hydrogencarbonat   | $\text{SCN}^-$              | Thiocyanat (Rhodanid) |
| $\text{HPO}_4^{2-}$          | Hydrogenphosphat   | $\text{SO}_3^{2-}$          | Sulfit                |
| $\text{H}_2\text{PO}_4^-$    | Dihydrogenphosphat | $\text{SO}_4^{2-}$          | Sulfat                |
| $\text{HS}^-$                | Hydrosulfid        | $\text{S}_2\text{O}_3^{2-}$ | Thiosulfat            |
| $\text{HSO}_3^-$             | Hydrosulfit        | $\text{SiO}_4^{4-}$         | Silicat               |

## Einatomige Kationen:

|                  |                 |                  |              |
|------------------|-----------------|------------------|--------------|
| $\text{Ag}^+$    | Silber          | $\text{Mg}^{2+}$ | Magnesium    |
| $\text{Al}^{3+}$ | Aluminium       | $\text{Mn}^{2+}$ | Mangan(II)   |
| $\text{Ba}^{2+}$ | Barium          | $\text{Mn}^{3+}$ | Mangan(III)  |
| $\text{Ca}^{2+}$ | Calcium         | $\text{Mn}^{4+}$ | Mangan(IV)   |
| $\text{Cd}^{2+}$ | Cadmium         | $\text{Na}^+$    | Natrium      |
| $\text{Co}^{2+}$ | Kobalt(II)      | $\text{Ni}^{2+}$ | Nickel(II)   |
| $\text{Co}^{3+}$ | Kobalt(III)     | $\text{Ni}^{3+}$ | Nickel(III)  |
| $\text{Cr}^{3+}$ | Chrom(III)      | $\text{Pb}^{2+}$ | Blei(II)     |
| $\text{Cr}^{6+}$ | Chrom(VI)       | $\text{Pb}^{4+}$ | Blei(IV)     |
| $\text{Cu}^+$    | Kupfer(I)       | $\text{Sn}^{2+}$ | Zinn(II)     |
| $\text{Cu}^{2+}$ | Kupfer(II)      | $\text{Sn}^{4+}$ | Zinn(IV)     |
| $\text{Fe}^{2+}$ | Eisen(II)       | $\text{Ti}^{2+}$ | Titan(II)    |
| $\text{Fe}^{3+}$ | Eisen(III)      | $\text{Ti}^{4+}$ | Titan(IV)    |
| $\text{Hg}^{2+}$ | Quecksilber(II) | $\text{V}^{2+}$  | Vanadium(II) |
| $\text{K}^+$     | Kalium          | $\text{V}^{5+}$  | Vanadium(V)  |
| $\text{Li}^+$    | Lithium         | $\text{Zn}^{2+}$ | Zink         |

## Mehratomige Kationen:

|                 |          |
|-----------------|----------|
| $\text{NH}_4^+$ | Ammonium |
|-----------------|----------|