

IA

VIIA VIIIA
17 18

TAVOLA PERIODICA TABELLE DELL'OSSIDAZIONE

I numeri di ossidazione più comuni degli elementi.
I valori colorati si riferiscono agli stati ionici.

↓

GRUPPI
(colonne)
Numero
elettroni
Ultimo
livello

→

PERIODI
(righe)
Numero
dei
livelli

1	1 H <small>Idrogeno</small> ±1	IIA 2											IIIA 13	IVA 14	VA 15	VIA 16	H <small>Idrogeno</small> ±1	He <small>Elio</small> 0
2	Li <small>Litio</small> 1	Be <small>Berillio</small> 2											B <small>Boro</small> 3	C <small>Carbonio</small> ±4 ; 2	N <small>Azoto</small> -3 +3 ; 5 4 ; 2	O <small>Ossigeno</small> -2	F <small>Fluoro</small> -1	Ne <small>Neon</small> 0
3	Na <small>Sodio</small> 1	Mg <small>Magnesio</small> 2	IIIB 3	IVB 4	VB 5	VIB 6	VIIA 7	VIII 8	VIII 9	VIII 10	IB 11	IIB 12	Al <small>Alluminio</small> 3	Si <small>Silicio</small> ±4 ; 2	P <small>Fosforo</small> -3 +3 ; 5	S <small>Zolfo</small> 6 ; 4 -2	Cl <small>Cloro</small> -1 ; +1 3 ; 5 ; 7	Ar <small>Argon</small> 0
4	K <small>Potassio</small> 1	Ca <small>Calcio</small> 2	Sc <small>Scandio</small> 3	Ti <small>Titanio</small> 4 ; 3	V <small>Venadio</small> 5 ; 4 3 ; 2	Cr <small>Cromo</small> 6 ; 3 ; 2	Mn <small>Manganese</small> 7 ; 6 ; 4 2 ; 3	Fe <small>Ferro</small> 2 ; 3	Co <small>Cobalto</small> 2 ; 3	Ni <small>Nichel</small> 2 ; 3	Cu <small>Rame</small> 2 ; 1	Zn <small>Zinco</small> 2	Ga <small>Gallio</small> 3	Ge <small>Germanio</small> ±4 ; 2	As <small>Arsenico</small> ±3 ; 5	Se <small>Selenio</small> -2 6 ; 4	Br <small>Bromo</small> -1 ; +1 3 ; 5	Kr <small>Krypton</small> 0
5	Rb <small>Rubidio</small> 1	Sr <small>Stronzio</small> 2	Y <small>Ittrio</small> 3	Zr <small>Zirconio</small> 4	Nb <small>Niobio</small> 5 ; 3	Mo <small>Molibdeno</small> 6 ; 5 ; 4 3 ; 2 ; 1	Tc <small>Tecnezio</small> 2 ; 4 ; 5 7	Ru <small>Rutenio</small> 2 ; 3 ; 4 5 ; 6 ; 7	Rh <small>Rodio</small> 3	Pd <small>Palladio</small> 2 ; 4	Ag <small>Argento</small> 1	Cd <small>Cadmio</small> 2	In <small>Indio</small> 3	Sn <small>Stagno</small> 4 ; 2	Sb <small>Antimonio</small> ±3 -3 ; 5	Te <small>Tellurio</small> 6 4 ; -2	I <small>Iodio</small> -1 ; +1 5 ; 7	Xe <small>Xemone</small> 0
6	Cs <small>Cesio</small> 1	Ba <small>Bario</small> 2	*La <small>Lantanio</small> 3	Hf <small>Afnio</small> 4	Ta <small>Tantalio</small> 5	W <small>Tungsteno</small> 6 ; 5 ; 4 3 ; 2	Re <small>Renio</small> 7 ; 6 ; 4	Os <small>Osmio</small> 2 ; 3 ; 4 6 ; 8	Ir <small>Iridio</small> 3 ; 4	Pt <small>Platino</small> 2 ; 4	Au <small>Oro</small> 3 ; 1	Hg <small>Mercurio</small> 2 ; 1	Tl <small>Tallio</small> 3 ; 1	Pb <small>Piombo</small> 4 ; 2	Bi <small>Bismuto</small> +3 -3 ; 5	Po <small>Potassio</small> 6 ; 4 ; 2	At <small>Astato</small>	Rn <small>Radone</small> 0
7	Fr <small>Francio</small> 1	Ra <small>Radio</small> 2	Ac <small>Attinio</small> 3	Rf <small>Rutherfordio</small>	Db <small>Dubnio</small>	Sg <small>Seaborgio</small>	Bh <small>Bohrio</small>	108 Hs <small>Hassio</small>	109 Mt <small>Maitnerio</small>	110 Ds <small>Zirconio</small>	111 Rg <small>Roentgenio</small>	112						

lantanidi da 57 a 71	Ce <small>Cerio</small> 3 ; 4	Pr <small>Praseodimio</small> 3 ; 4	Nd <small>Neodimio</small> 3	Pm <small>Promezio</small> 3	Sm <small>Samario</small> 3 ; 2	Eu <small>Europio</small> 3 ; 2	Gd <small>Gadolinio</small> 3	Tb <small>terbio</small> 3	Dy <small>Disprosio</small> 3	Ho <small>Olmio</small>	Er <small>Erbio</small>	Tm <small>Tullio</small>	Yb <small>Itterbio</small>	Lu <small>Lutezio</small>
	Th <small>Torio</small> 4	Pa <small>Protoattinio</small> 5 ; 4	U <small>Uranio</small> 6 ; 5 4 ; 3	Np <small>Cerio</small> 6 ; 5 4 ; 3	Pu <small>Plutonio</small> 6 ; 5 4 ; 3	Am <small>Americio</small> 6 ; 5 4 ; 3	Cm <small>Curio</small> 3	Bk <small>Berkelio</small> 4 ; 3	Cf <small>Californio</small> 3	Es <small>Einsteinio</small>	Fm <small>Fermio</small>	Md <small>Mendelevio</small>	No <small>Nobelio</small>	Lr <small>Laurenzio</small>