

PERIODIC TABLE OF THE IONS

CH_3COO^-	acetate	H_2BO_3^-	dihydrogen borate	MnO_4^-	permanganate
NH_4^+	ammonium	HCO_3^-	hydrogen carbonate	PO_4^{3-}	phosphate
BrO_3^-	bromate	HPO_4^{2-}	hydrogen phosphate	SiO_3^{2-}	silicate
BO_3^{3-}	borate	H_2PO_4^-	dihydrogen phosphate	$\text{C}_{17}\text{H}_{35}\text{OO}^-$	stearate
CO_3^{2-}	carbonate	HSO_4^-	hydrogen sulphate	SO_4^{2-}	sulphate
ClO_3^-	chlorate	HS^-	hydrogen sulphide		
CrO_4^{2-}	chromate	OH^-	hydroxide		
CN^-	cyanide	IO_3^-	iodate		
HBO_3^{2-}	hydrogen borate	NO_3^-	nitrate		
		$\text{OOC}\text{COO}^{2-}$	oxalate		

1A												3A					4A		5A		6A		7A		8A			
1	2											5	6	7	8	9	10											
H	He											B	C	N	O	F	Ne											
3	4											13	14	15	16	17	18											
Li	Be											Al	Si	P	S	Cl	Ar											
11	12																											
Na	Mg																											
		3B	4B	5B	6B	7B	8B		1B	2B																		
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36											
K	Ca	Sc ³⁺	Ti ³⁺	V ³⁺	Cr ²⁺	Mn ²⁺	Fe ²⁺	Co ²⁺	Ni ²⁺	Cu ⁺	Zn ²⁺	Ga ³⁺	Ge ⁴⁺	As	Se	Br	Kr											
			Ti ⁴⁺	V ⁵⁺	Cr ³⁺	Mn ³⁺	Fe ³⁺	Co ³⁺	Ni ³⁺	Cu ²⁺		Gallium	Germanium	Arsenide	Selenide			Krypton										
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54											
Rb	Sr	Y ³⁺	Zr ⁴⁺	Nb ²⁺	Mo ³⁺	Tc ⁷⁺	Ru ³⁺	Rh ²⁺	Pd ²⁺	Ag ⁺	Cd ²⁺	In ³⁺	Sn ²⁺	Sb ³⁺	Te	I	Xe											
				Nb ⁵⁺	Mo ⁶⁺		Ru ⁴⁺	Rh ³⁺	Pd ⁴⁺			Indium	Sn ⁴⁺	Sb ⁵⁺	Telluride			Xenon										
55	56	57-71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86											
Cs	Ba	Lanthanides	Hf ⁴⁺	Ta ⁵⁺	W ³⁺	Re ⁵⁺	Os ³⁺	Ir ³⁺	Pt ²⁺	Au ⁺	Hg ⁺	Tl	Pb ²⁺	Bi ³⁺	Po ²⁺	At	Rn											
					W ⁶⁺	Re ⁷⁺	Os ⁴⁺	Ir ⁴⁺	Pt ⁴⁺	Au ³⁺	Hg ²⁺	Thallium	Pb ⁴⁺	Bi ⁵⁺	Po ⁴⁺	Astatide		Radon										
87	88	89-103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118											
Fr	Ra	Actinides	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Uut	Uuq	Uup	Uuh	Uus	Uuo											
			Rutherfordium	Dubnium	Seaborgium	Bohrium	Hassium	Meitnerium	Darmstadtium	Roentgenium	Copernicium	Ununtrium	Ununquadium	Ununpentium	Ununhexium	Ununseptium	Ununoctium											

Lanthanides

57	58	59	60	61	62	63	64	65	66	67	68	69	70	71
La ³⁺	Ce ³⁺	Pr ³⁺	Nd ³⁺	Pm ³⁺	Sm ²⁺	Eu ²⁺	Gd ³⁺	Tb ³⁺	Dy ³⁺	Ho ³⁺	Er ³⁺	Tm ²⁺	Yb ²⁺	Lu ³⁺
	Ce ⁴⁺	Pr ⁴⁺			Sm ³⁺	Eu ³⁺		Tb ⁴⁺				Tm ³⁺	Yb ³⁺	
Lanthanum	Cerium	Praseodymium	Neodymium	Promethium	Samarium	Europium	Gadolinium	Terbium	Dysprosium	Holmium	Erbium	Thulium	Ytterbium	Lutetium

Actinides

89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
Ac ³⁺	Th ⁴⁺	Pa ⁴⁺	U ⁴⁺	Np ⁴⁺	Pu ⁴⁺	Am ³⁺	Cm ³⁺	Bk ³⁺	Cf ³⁺	Es ³⁺	Fm ³⁺	Md	No	Lr ³⁺
		Pa ⁵⁺	U ⁶⁺	Np ⁵⁺	Pu ⁶⁺	Am ⁴⁺		Bk ⁴⁺						
Actinium	Thorium	Protactinium	Uranium	Neptunium	Plutonium	Americium	Curium	Berkelium	Californium	Einsteinium	Fermium	Mendelevium	Nobelium	Lawrencium