Tableau périodique des éléments

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV	XVI	XVII	XVIII
1	Hydrogène 2,2 $1s^1$ $_1$H 1,00																	Hélium $1s^2$. $_2$He 4,00
2	Lithium 0,98 [He] $2s^1$ $_3$Li 6,94	Béryllium 1,57 [He] $2s^2$ $_4$Be 9,01											Bore 2,04 [He] $2s^2 2p^1$ $_5$B 10,81	Carbone 2,55 [He] $2s^2 2p^2$ $_6$C 12,01	Azote 3,04 [He] $2s^2 2p^3$ $_7$N 14,01	Oxygène 3,44 [He] $2s^2 2p^4$ $_8$O 16,00	Fluor 3,98 [He] $2s^2 2p^5$ $_9$F 19,00	Néon [He] $2s^2 2p^6$ $_{10}$Ne 20,18
3	Sodium 0,93 [Ne] $3s^1$ $_{11}$Na 22,99	Magnésium 1,31 [Ne] $3s^2$ $_{12}$Mg 24,31											Aluminium 1,61 [Ne] $3s^2 3p^1$ $_{13}$Aℓ 26,98	Silicium 1,9 [Ne] $3s^2 3p^2$ $_{14}$Si 28,09	Phosphore 2,19 [Ne] $3s^2 3p^3$ $_{15}$P 30,97	Soufre 2,58 [Ne] $3s^2 3p^4$ $_{16}$S 32,07	Chlore 3,16 [Ne] $3s^2 3p^5$ $_{17}$Cℓ 35,45	Argon [Ne] $3s^2 3p^6$ $_{18}$Ar 39,95
4	Potassium 0,82 [Ar] $4s^1$ $_{19}$K 39,10	Calcium 1 [Ar] $4s^2$ $_{20}$Ca 40,08	Scandium 1,36 [Ar] $4s^2 3d^1$ $_{21}$Sc 44,96	Titane 1,54 [Ar] $4s^2 3d^2$ $_{22}$Ti 47,87	Vanadium 1,63 [Ar] $4s^2 3d^3$ $_{23}$V 50,94	Chrome 1,66 [Ar] $4s^2 3d^4$ $_{24}$Cr 52,00	Manganèse 1,55 [Ar] $4s^2 3d^5$ $_{25}$Mn 54,94	Fer 1,83 [Ar] $s^2 3d^6$ $_{26}$Fe 55,85	Cobalt 1,88 [Ar] $4s^2 3d^7$ $_{27}$Co 58,93	Nickel 1,91 [Ar] $4s^2 3d^8$ $_{28}$Ni 58,69	Cuivre 1,9 [Ar] $4s^2 3d^9$ $_{29}$Cu 63,55	Zinc 1,65 [Ar] $4s^2 3d^{10}$ $_{30}$Zn 65,38	Gallium 1,81 [Ar] $4s^2 3d^{10} 4p^1$ $_{31}$Ga 69,72	Germanium 2,01 [Ar] $4s^2 3d^{10} 4p^2$ $_{32}$Ge 72,64	Arsenic 2,18 [Ar] $4s^2 3d^{10} 4p^3$ $_{33}$As 74,92	Sélénium 2,55 [Ar] $4s^2 3d^{10} 4p^4$ $_{34}$Se 78,96	Brome 2,96 [Ar] $4s^2 3d^{10} 4p^5$ $_{35}$Br 79,90	Krypton 3 [Ar] $4s^2 3d^{10} 4p^6$ $_{36}$Kr 83,80
5	Rubidium 0,82 [Kr] $5s^1$ $_{37}$Rb 85,47	Strontium 0,95 [Kr] $5s^2$ $_{38}$Sr 87,62	Yttrium 1,22 [Kr] $5s^2 4d^1$ $_{39}$Y 88,91	Zirconium 1,33 [Kr] $5s^2 4d^2$ $_{40}$Zr 91,22	Niobium 1,6 [Kr] $5s^1 4d^4$ $_{41}$Nb 92,91	Molybdène 2,16 [Kr] $5s^1 4d^5$ $_{42}$Mo 95,96	Technétium 1,9 [Kr] $5s^1 4d^6$ $_{43}$Tc 98	Ruthénium 2,2 [Kr] $5s^1 4d^7$ $_{44}$Ru 101,07	Rhodium 2,28 [Kr] $5s^1 4d^8$ $_{45}$Rh 102,91	Palladium 2,2 [Kr] $4d^{10}$ $_{46}$Pd 106,42	Argent 1,93 [Kr] $5s^1 4d^{10}$ $_{47}$Ag 107,87	Cadmium 1,69 [Kr] $5s^2 4d^{10}$ $_{48}$Cd 112,41	Indium 1,78 [Kr] $5s^2 4d^{10} 5p^1$ $_{49}$In 114,82	Étain 1,96 [Kr] $5s^2 4d^{10} 5p^2$ $_{50}$Sn 118,71	Antimoine 2,05 [Kr] $5s^2 4d^{10} 5p^3$ $_{51}$Sb 121,76	Tellure 2,1 [Kr] $5s^2 4d^{10} 5p^4$ $_{52}$Te 127,6	Iode 2,66 [Kr] $5s^2 4d^{10} 5p^5$ $_{53}$I 126,90	Xénon 2,6 [Kr] $5s^2 4d^{10} 5p^6$ $_{54}$Xe 131,29
6	Césium 0,79 [Xe] $6s^1$ $_{55}$Cs 132,91	Baryum 0,89 [Xe] $6s^2$ $_{56}$Ba 137,33	Lanthane 1,1 [Xe] $6s^2 5d^1$ $_{57}$La 138,91	Hafnium 1,3 [Xe] $6s^2 4f^{14} 5d^2$ $_{72}$Hf 178,49	Tantale 1,5 [Xe] $6s^2 4f^{14} 5d^3$ $_{73}$Ta 180,95	Tungstène 2,36 [Xe] $6s^2 4f^{14} 5d^4$ $_{74}$W 183,84	Rhénium 1,9 [Xe] $6s^2 4f^{14} 5d^5$ $_{75}$Re 186,21	Osmium 2,2 [Xe] $6s^2 4f^{14} 5d^6$ $_{76}$Os 190,23	Iridium 2,2 [Xe] $6s^2 4f^{14} 5d^7$ $_{77}$Ir 192,22	Platine 2,28 [Xe] $6s^1 4f^{14} 5d^9$ $_{78}$Pt 195,08	Or 2,54 [Xe] $6s^1 4f^{14} 5d^{10}$ $_{79}$Au 196,97	Mercure 2 [Xe] $6s^2 4f^{14} 5d^{10}$ $_{80}$Hg 200,59	Thallium 1,62 [Xe] $6s^2 4f^{14} 5d^{10} 6p^1$ $_{81}$Tl 204,38	Plomb 2,33 [Xe] $6s^2 4f^{14} 5d^{10} 6p^2$ $_{82}$Pb 207,2	Bismuth 2,02 [Xe] $6s^2 4f^{14} 5d^{10} 6p^3$ $_{83}$Bi 208,98	Polonium 2 [Xe] $6s^2 4f^{14} 5d^{10} 6p^4$ $_{84}$Po 209	Astate 2,2 [Xe] $6s^2 4f^{14} 5d^{10} 6p^5$ $_{85}$At 210	Radon [Xe] $6s^2 4f^{14} 5d^{10} 6p^6$ $_{86}$Rn 222
7	Francium 0,7 [Rn] $7s^1$ $_{87}$Fr 223	Radium 0,9 [Rn] $7s^2$ $_{88}$Ra 226	Actinium 1,1 [Rn] $7s^2 6d^1$ $_{89}$Ac 227	Rutherfordium [Rn] $7s^2 6d^2 5f^{14}$ $_{104}$Rf 265	Dubnium [Rn] $7s^2 6d^3 5f^{14}$ $_{105}$Db 268	Seaborgium [Rn] $7s^2 6d^4 5f^{14}$ $_{106}$Sg 271	Bohrium [Rn] $7s^2 6d^5 5f^{14}$ $_{107}$Bh 272	Hassium [Rn] $7s^2 6d^6 5f^{14}$ $_{108}$Hs 270	Meitnérium [Rn] $7s^2 6d^7 5f^{14}$ $_{109}$Mt 276	Darmstadtium [Rn] $7s^2 6d^8 5f^{14}$ $_{110}$Ds 281	Roentgenium [Rn] $7s^2 6d^9 5f^{14}$ $_{111}$Rg 280	Copernicium [Rn] $7s^2 6d^{10} 5f^{14}$ $_{112}$Cn 285	Nihonium [Rn] $7s^2 6d^{10} 5f^{14} 7p^1$ $_{113}$Nh 284	Flévorium [Rn] $7s^2 6d^{10} 5f^{14} 7p^2$ $_{114}$Fl 289	Moscovium [Rn] $7s^2 6d^{10} 5f^{14} 7p^3$ $_{115}$Mc 288	Livervorium [Rn] $7s^2 6d^{10} 5f^{14} 7p^4$ $_{116}$Lv 293	Tennessine [Rn] $7s^2 6d^{10} 5f^{14} 7p^5$ $_{117}$Ts N/A	Oganesson [Rn] $5f^{14} 6d^{10} 7s^2 7p^6$ $_{118}$Og 294

Électronégativité → 8,88 ← Nom élément ← Élément

Symbole → X ← [Y] as^i bp^j nd^k mf^l ← Structure électronique [Y] désigne la structure du gaz noble antérieur.

Nombre de protons → Z

Masse molaire (g/mol) → 888,88

Famille des lanthanides →	6	Cérium 1,12 [Xe] $6s^2 4f^1 5d^1$ $_{58}$Ce 140,12	Praséodyme 1,13 [Xe] $6s^2 4f^3$ $_{59}$Pr 140,91	Néodyme 1,14 [Xe] $6s^2 4f^4$ $_{60}$Nd 144,24	Prométhéum [Xe] $6s^2 4f^5$ $_{61}$Pm 145	Samarium 1,17 [Xe] $6s^2 4f^6$ $_{62}$Sm 150,36	Europium [Xe] $6s^2 4f^7$ $_{63}$Eu 151,96	Gadolinium 1,2 [Xe] $6s^2 4f^7 5d^1$ $_{64}$Gd 157,25	Terbium [Xe] $6s^2 4f^9$ $_{65}$Tb 158,93	Dysprosium 1,22 [Xe] $6s^2 4f^{10}$ $_{66}$Dy 162,5	Holmium 1,23 [Xe] $6s^2 4f^{11}$ $_{67}$Ho 164,93	Erbium 1,24 [Xe] $6s^2 4f^{12}$ $_{68}$Er 167,26	Thullium 1,25 [Xe] $6s^2 4f^{13}$ $_{69}$Tm 168,93	Ytterbium [Xe] $6s^2 4f^{14}$ $_{70}$Yb 173,05	Lutécium 1,27 [Xe] $6s^2 4f^{14} 5d^1$ $_{71}$Lu 174,97
Famille des actinides →	7	Thorium 1,3 [Rn] $7s^2 6d^2$ $_{90}$Th 232,04	Protactinium 1,5 [Rn] $7s^2 6d^1 5f^2$ $_{91}$Pa 231,04	Uranium 1,38 [Rn] $7s^2 6d^1 5f^3$ $_{92}$U 238,03	Neptunium 1,36 [Rn] $7s^2 6d^1 5f^4$ $_{93}$Np 237	Plutonium 1,28 [Rn] $7s^2 5f^6$ $_{94}$Pu 244	Américium 1,3 [Rn] $7s^2 5f^7$ $_{95}$Am 243	Curium 1,3 [Rn] $7s^2 6d^1 5f^7$ $_{96}$Cm 247	Berkélium 1,3 [Rn] $7s^2 5f^9$ $_{97}$Bk 247	Californium 1,3 [Rn] $7s^2 5f^{10}$ $_{98}$Cf 251	Einsteinium 1,3 [Rn] $7s^2 5f^{11}$ $_{99}$Es 252	Fermium 1,3 [Rn] $7s^2 5f^{12}$ $_{100}$Fm 257	Mendélévium 1,3 [Rn] $7s^2 5f^{13}$ $_{101}$Md 258	Nobélium 1,3 [Rn] $7s^2 5f^{14}$ $_{102}$No 259	Lawrencium [Rn] $7s^2 5f^{14} 7p^1$ $_{103}$Lw 262

Famille I : Colonne des alcalins
Famille II : Colonne des alcalinoterreux
Famille XI : Colonne des métaux nobles
Famille XVII : Colonne des halogènes
Famille XVIII : Colonne des gaz nobles
Famille III à XII : Colonnes des métaux de transition