

周期律表 (原子番号, 元素記号, 電気陰性度, 電子配置)

	IA	IIA	IIIA	IVA	VA	VIA	VIIA	VIII						IB	IIB	IIIB	IVB	VB	VIB	VIIA	0
1	${}_1\text{H}$ 2.1 $1s^1$																			${}_2\text{He}$ $1s^2$	
2	${}_3\text{Li}$ 1.0 $2s^1$	${}_4\text{Be}$ 1.5 $2s^2$												${}_5\text{B}$ 2.0 $2s^2 2p^1$	${}_6\text{C}$ 2.5 $2s^2 2p^2$	${}_7\text{N}$ 3.0 $2s^2 2p^3$	${}_8\text{O}$ 3.5 $2s^2 2p^4$	${}_9\text{F}$ 4.0 $2s^2 2p^5$	${}_{10}\text{Ne}$ $2s^2 2p^6$		
3	${}_{11}\text{Na}$ 0.9 $3s^1$	${}_{12}\text{Mg}$ 1.2 $3s^2$												${}_{13}\text{Al}$ 1.5 $3s^2 3p^1$	${}_{14}\text{Si}$ 1.8 $3s^2 3p^2$	${}_{15}\text{P}$ 2.1 $3s^2 3p^3$	${}_{16}\text{S}$ 2.5 $3s^2 3p^4$	${}_{17}\text{Cl}$ 3.0 $3s^2 3p^5$	${}_{18}\text{Ar}$ $3s^2 3p^6$		
4	${}_{19}\text{K}$ 0.8 $4s^1$	${}_{20}\text{Ca}$ 1.0 $4s^2$	${}_{21}\text{Sc}$ 1.3 $4s^2 3d^1$	${}_{22}\text{Ti}$ 1.5 $4s^2 3d^2$	${}_{23}\text{V}$ 1.6 $4s^2 3d^3$	${}_{24}\text{Cr}$ 1.6 $4s^2 3d^4$	${}_{25}\text{Mn}$ 1.5 $4s^2 3d^5$	${}_{26}\text{Fe}$ 1.8 $4s^2 3d^6$	${}_{27}\text{Co}$ 1.8 $4s^2 3d^7$	${}_{28}\text{Ni}$ 1.8 $4s^2 3d^8$	${}_{29}\text{Cu}$ 1.9 $4s^2 3d^9$	${}_{30}\text{Zn}$ 1.6 $4s^2 3d^{10}$	${}_{31}\text{Ga}$ 1.6 $4s^2 3d^{10} 4p^1$	${}_{32}\text{Ge}$ 1.8 $(*1)4p^2$	${}_{33}\text{As}$ 1.0 $(*1)4p^3$	${}_{34}\text{Se}$ 2.4 $(*1)4p^4$	${}_{35}\text{Br}$ 2.8 $(*1)4p^5$	${}_{36}\text{Kr}$ $(*1)4p^6$			
5	${}_{37}\text{Rb}$ 0.8 $5s^1$	${}_{38}\text{Sr}$ 1.0 $5s^2$	${}_{39}\text{Y}$ 1.2 $5s^2 4d^1$	${}_{40}\text{Zr}$ 1.4 $5s^2 4d^2$	${}_{41}\text{Nb}$ 1.6 $5s^2 4d^3$	${}_{42}\text{Mo}$ 1.8 $5s^2 4d^4$	${}_{43}\text{Tc}$ 1.9 $5s^2 4d^5$	${}_{44}\text{Ru}$ 2.2 $5s^2 4d^6$	${}_{45}\text{Rh}$ 2.2 $5s^2 4d^7$	${}_{46}\text{Pd}$ 2.2 $5s^2 4d^8$	${}_{47}\text{Ag}$ 1.9 $5s^2 4d^9$	${}_{48}\text{Cd}$ 1.7 $5s^2 4d^{10}$	${}_{49}\text{In}$ 1.7 $5s^2 4d^{10} 5p^1$	${}_{50}\text{Sn}$ 1.8 $(*2)5p^2$	${}_{51}\text{Sb}$ 1.9 $(*2)5p^3$	${}_{52}\text{Te}$ 2.1 $(*2)5p^4$	${}_{53}\text{I}$ 2.5 $(*2)5p^5$	${}_{54}\text{Xe}$ $(*2)5p^6$			
6	${}_{55}\text{Cs}$ 0.7 $6s^1$	${}_{56}\text{Ba}$ 0.9 $6s^2$	*Lnt 1.1-1.2 57-71	${}_{72}\text{Hf}$ 1.3 $(*3)5d^2$	${}_{73}\text{Ta}$ 1.5 $(*3)5d^3$	${}_{74}\text{W}$ 1.7 $(*3)5d^4$	${}_{75}\text{Re}$ 1.9 $(*3)5d^5$	${}_{76}\text{Os}$ 2.2 $(*3)5d^6$	${}_{77}\text{Ir}$ 2.2 $(*3)5d^7$	${}_{78}\text{Pt}$ 2.2 $(*3)5d^8$	${}_{79}\text{Au}$ 2.4 $(*3)5d^9$	${}_{80}\text{Hg}$ 1.9 $(*3)5d^{10}$	${}_{81}\text{Tl}$ 1.8 $(*4)6p^1$	${}_{82}\text{Pb}$ 1.8 $(*4)6p^2$	${}_{83}\text{Bi}$ 1.9 $(*4)6p^3$	${}_{89}\text{Po}$ 2.0 $(*4)6p^4$	${}_{85}\text{At}$ 2.2 $(*4)6p^5$	${}_{86}\text{Rn}$ $(*4)6p^6$			
7	${}_{87}\text{Fr}$ 0.7 $7s^1$	${}_{88}\text{Ra}$ 0.9 $7s^2$	*Act 89-103																		

内殻電子は省略. また,  $(*1) \equiv 4s^2 3d^{10}$ ,  $(*2) \equiv 5s^2 4d^{10}$ ,  $(*3) \equiv 6s^2 4f^{14}$ ,  $(*4) \equiv 6s^2 4f^{14} 5d^{10}$  を表す.

\*Lnt (ランタニド族)

${}_{57}\text{La}$ $6s^2 5d^1$	${}_{58}\text{Ce}$ $6s^2 5d^1 4f$	${}_{59}\text{Pr}$ $6s^2 4f^3$	${}_{60}\text{Nd}$ $6s^2 4f^4$	${}_{61}\text{Pm}$ $6s^2 4f^5$	${}_{62}\text{Sm}$ $6s^2 4f^6$	${}_{63}\text{Eu}$ $6s^2 4f^7$	${}_{64}\text{Gd}$ $6s^2 4f^8$	${}_{65}\text{Tb}$ $6s^2 4f^9$	${}_{66}\text{Dy}$ $6s^2 4f^{10}$	${}_{67}\text{Ho}$ $6s^2 4f^{11}$	${}_{68}\text{Er}$ $6s^2 4f^{12}$	${}_{69}\text{Tm}$ $6s^2 4f^{13}$	${}_{70}\text{Yb}$ $6s^2 4f^{14}$	${}_{71}\text{Lu}$ $6s^2 5d^1 4f^{14}$
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\*Act (アクチニド族)

${}_{89}\text{Ac}$ 1.1 $7s^2 6d^1$	${}_{90}\text{Th}$ 1.3 $7s^2 6d^2$	${}_{91}\text{Pa}$ 1.5 $7s^2 6d^3$	${}_{92}\text{U}$ 1.7 $7s^2 6d^1 5f^3$	${}_{93}\text{Np}$ 1.3 $7s^2 6d^1 5f^4$	${}_{94}\text{Pu}$ 1.3 $7s^2 5f^6$	${}_{95}\text{Am}$ 1.3 $7s^2 5f^7$	${}_{96}\text{Cm}$ 1.3 $7s^2 6d^1 5f^7$	${}_{97}\text{Bk}$ 1.3 $7s^2 5f^9$	${}_{98}\text{Cf}$ 1.3 $7s^2 5f^{10}$	${}_{99}\text{Es}$ 1.3 $7s^2 5f^{11}$	${}_{100}\text{Fm}$ 1.3 $(7s^2 5f^{12})$	${}_{101}\text{Md}$ 1.3 $(7s^2 5f^{13})$	${}_{102}\text{No}$ 1.3 $(7s^2 5f^{14})$	${}_{103}\text{Lr}$ $(7s^2 6d^1 5f^{14})$
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( ) で示された電子配置は推定配置.