

Periodic Table of Elements

Properties **Orbitals** **Isotopes** **Weight** **Names** **Electrons**

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A Multiplayer Game That Will Rock Your World - Lock and Load, Today!

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Find Dental Plans as low as \$7 a month. Search your area now.

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1 H	2 He	3 Li	4 Be	5 B	6 C	7 N	8 O	9 F	10 Ne	11 Na	12 Mg	13 Al	14 Si	15 P	16 S	17 Cl	18 Ar
Hydrogen	Helium	Lithium	Boron	Carbon	Nitrogen	Oxygen	Fluorine	Neon		Magnesium	Aluminum	Silicon	Phosphorus	Sulfur	Chlorine	Argon	
Atomic Sym	Solid	Hg	Liquid	H	Gas	Rf	Unknown			Alkali metals	Alkaline earth metals	Lanthanoids	Actinoids	Transition metals	Post-transition metals		
Name	Symbol																
Symbol	Symbol																
1.008	4.003	6.941	9.012	10.811	12.011	14.007	16.994	18.998	20.994	22.98776	24.985	26.981	28.99153	30.99716	32.088	35.967	39.948
1.008	4.003	6.941	9.012	10.811	12.011	14.007	16.994	18.998	20.994	22.98776	24.985	26.981	28.99153	30.99716	32.088	35.967	39.948
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Link za alat

<https://ptable.com/>



Jezik

Engleski jezik, uz mogućnost postavljanja na jedan od jezika govornog područja Zapadnog Balkana.



Tutorijal/i za korištenje

<https://www.youtube.com/watch?v=EX56SP-ITHc>



Plaćanje

Besplatno



Mobilna aplikacija

Da



Nivo informatičke pismenosti

Osnovni



Izvor/i

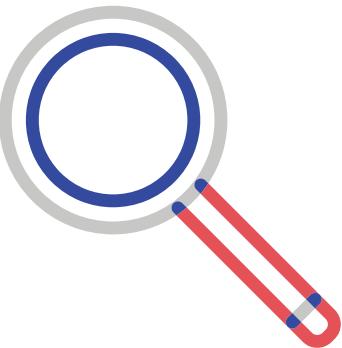
<https://teachersguidetotech.com/guide/>

Međunarodno udruženje "Interaktivne otvorene škole" organizuje vebinar kako koristiti ovaj alat. Vebinar je namijenjen nastavnom osoblju više škola ili jedne škole.

Sadržaj je prilagođen potrebama polaznika/ca naročito u slučaju interesa jedne škole.

Možete se prijaviti putem linka: [PRIJAVA](#), kako bismo Vas blagovremeno obavijestili o terminu održavanja.

Minimalna grupa za održavanje vebinara je 15 prijavljenih učesnika/ca. Ako ste zainteresirani kao škola, a imate manje od 15 polaznika/ca javite nam se za dogovor.



Ptable

Wikipedia Properties Orbitals Isotopes

Weight Names Electrons Wide

Beryllium

From Wikipedia, the free encyclopedia

Beryllium (ə-berilē-əm/ bər-əlē-əm) is the chemical element with the symbol Be and atomic number 4. It is a divalent element which occurs naturally only in combination with other elements in minerals. Notable gemstones which contain beryllium include beryl (emerald), emerald and chrysoberyl. As a free element it is a steel-gray, strong, lightweight and brittle alkaline earth metal.

Beryllium is used primarily as a hardening agent in alloys, notably beryllium copper. In structural applications, high thermal rigidity, thermal stability, thermal conductivity and low density (1.83 times that of water) make beryllium a quality aerospace material for high-speed aircraft, missiles, space vehicles and communication satellites. Because of its low density and atomic mass, beryllium is relatively transparent to X-rays and other forms of ionizing radiation; therefore, it is the most common window material for X-ray equipment and in particle physics experiments. The high thermal conductivity of beryllium and beryllium oxide have led to their use in heat transport and heat sinking applications.

The commercial use of beryllium metal presents technical challenges due to the

Periodic table

Appearance: white-gray metallic

Chemical Data:

- Atomic Number: 4
- Element Symbol: Be
- Element Name: Beryllium
- Group Number: 2
- Period Number: 2
- Block: p-block
- Electron Configuration: [He] 2s²
- Atomic Radius: 118 pm
- Covalent Radius: 118 pm
- Electronegativity: 1.2
- Melting Point: 1000 K
- Boiling Point: 2470 K
- Density: 1.83 g/cm³
- Conductivity: 200000 S/m
- Heat Capacity: 120 J/mol·K
- Abundance: 1.3e-05 %
- Ionization Energy: 900 kJ/mol
- Discovery: 1789

Ptable

Wikipedia Properties Orbitals Isotopes Compounds

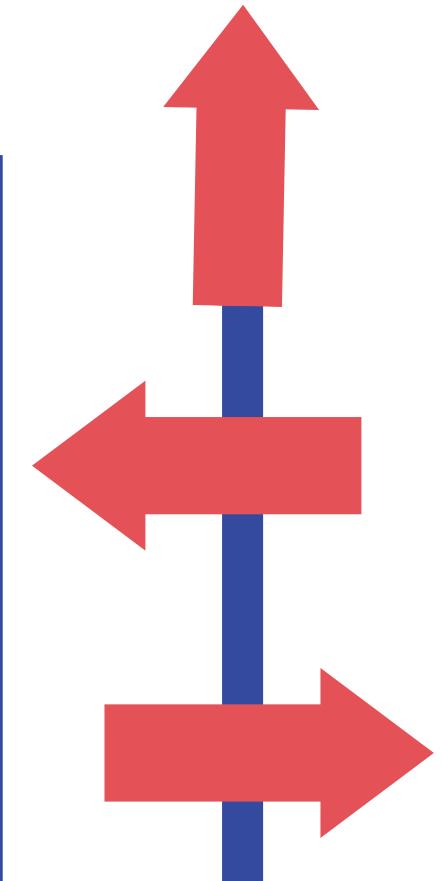
Oxidation Names Electrons Wide

Search

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18																																																						
1 H Hydrogen -1.1	2 He Helium 2	3 Li Lithium 1	4 Be Beryllium 2	5 Na Sodium 1	6 Mg Magnesium 2	7 Al Aluminum 3	8 Si Silicon 4	9 P Phosphorus 5	10 S Sulfur 6	11 Cl Chlorine 7	12 Ar Argon 8	13 K Potassium 1	14 Ca Calcium 2	15 Sc Scandium 3	16 Ti Titanium 4	17 V Vanadium 5	18 Cr Chromium 6	19 Mn Manganese 7	20 Fe Iron 8	21 Co Cobalt 9	22 Ni Nickel 10	23 Cu Copper 11	24 Zn Zinc 12	25 Ga Gallium 13	26 Ge Germanium 14	27 As Arsenic 15	28 Se Selenium 16	29 Br Bromine 17	30 Kr Krypton 18																																										
19 K Potassium 1	20 Ca Calcium 2	21 Sc Scandium 3	22 Ti Titanium 4	23 V Vanadium 5	24 Cr Chromium 6	25 Mn Manganese 7	26 Fe Iron 8	27 Co Cobalt 9	28 Ni Nickel 10	29 Cu Copper 11	30 Zn Zinc 12	31 Ga Gallium 13	32 Ge Germanium 14	33 As Arsenic 15	34 Se Selenium 16	35 Br Bromine 17	36 Kr Krypton 18	37 Rb Rubidium 1	38 Sr Strontium 2	39 Yttrium 3	40 Zirconium 4	41 Niobium 5	42 Molybdenum 6	43 Technetium 7	44 Ruthenium 8	45 Rhodium 9	46 Palladium 10	47 Silver 11	48 Cadmium 12	49 Indium 13	50 Tin 14	51 Sb Antimony 15	52 Te Tellurium 16	53 Iodine 17	54 Xenon 18	55 Cs Caesium 1	56 Ba Barium 2	57-71 Hf Hafnium 4	72 Ta Tantalum 5	73 W Tungsten 6	74 Re Rhodium 7	75 Os Osmium 8	76 Ir Iridium 9	77 Pt Platinum 10	78 Au Gold 11	79 Hg Mercury 12	80 Tl Thallium 13	81 Pb Lead 14	82 Bi Bismuth 15	83 Po Polonium 16	84 At Astatine 17	85 Rn Radon 18	86 Og Oganesson 19	87 Fr Francium 1	88 Ra Radium 2	89-103 Rf Rutherfordium 4	104 Db Dubnium 5	105 Sg Seaborgium 6	106 Bh Bohrium 7	107 Hs Hassium 8	108 Mt Meitnerium 9	109 Ds Damaskindium 10	110 Ro Roerigium 11	111 Nh Nihonium 12	112 Fl Flerovium 13	113 Mc Moscovium 14	114 Lv Livermorium 15	115 Ts Tennessee 16	116 Mc Moscovium 17	117 Lv Livermorium 18	118 Og Oganesson 19

Common oxidation states are shown in bold beneath the element closeup.

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Properties **Orbitals** **Isotopes** **Serie**

Radius State at 1522 K Melting Point Boiling Point Density Electronegativity Conductivity Electron Affinity Valence Abundance Ionization Discovered

198 pm Solid 2750 K 5017 K 8570 kg/m³ 1.6 54 W/mK 265 J/mK 2.0×10⁻⁷% 652.1 kJ/mol 1801

Niobium

41 Nb Niobium 92.90638 [Kr]5s¹ 4d⁴

Properties:

- IUPAC Series.....Transition
- Radius.....198 pm
- State at 1522 K....Solid
- Melting Point.....2750 K
- Boiling Point.....5017 K
- Density.....8570 kg/m³
- Electronegativity.....1.6
- Conductivity.....54 W/mK
- Heat.....265 J/mK
- Abundance.....2.0×10⁻⁷%
- Ionization.....652.1 kJ/mol
- Discovered.....1801

3	4	5	6	7	8	9	10	11	12
21 Sc Scandium Transition	22 Ti Titanium Transition	23 V Vanadium Transition	24 Cr Chromium Transition	25 Mn Manganese Transition	26 Fe Iron Transition	27 Co Cobalt Transition	28 Ni Nickel Transition	29 Cu Copper Transition	30 Zn Zinc Transition
39 Y Yttrium Transition	40 Zr Zirconium Transition	41 Nb Niobium Transition	42 Mo Molybdenum Transition	43 Tc Technetium Transition	44 Ru Ruthenium Transition	45 Rh Rhodium Transition	46 Pd Palladium Transition	47 Ag Silver Transition	48 Cd Cadmium Transition