# Critical Minerals Comparison: US, EU, China

This table lists elements considered critical by the United States, European Union, or China. Some entries are marked with * to indicate that particular mineral forms of an element are considered critical (e.g., Carbon* for Graphite).

**Elements Critical to:** ○ United States ● European Union ● China

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H Hydrogen | | | | | | | | | | | | | | | | | He Helium |
| Li Lithium | Be Beryllium | | | | | | | | | | | B Boron | C * Carbon | N Nitrogen | O Oxygen | F † Fluorine | Ne Neon |
| Na Sodium | Mg Magnesium | | | | | | | | | | | Al Aluminum | Si Silicon | P ‡ Phosphorus | S Sulphur | Cl Chlorine | Ar Argon |
| K § Potassium | Ca Calcium | Sc Scandium | Ti Titanium | V Vanadium | Cr Chromium | Mn Maganese | Fe Iron | Co Cobalt | Ni Nickel | Cu Copper | Zn Zinc | Ga Gallium | Ge Germanium | As Arsenic | Se Selenium | Br Bromine | Kr Krypton |
| Rb Rubidium | Sr Strontium | Y Yttrium | Zr Zirconium | Nb Niobium | Mo Molybdenum | Tc Technetium | Ru Ruthenium | Rh Rhodium | Pd Palladium | Ag Silver | Cd Cadmium | In Indium | Sn Tin | Sb Antimony | Te Tellurium | I Iodine | Xe Xenon |
| Cs Caesium | Ba Barium | Lanthanides | Hf Hafnium | Ta Tantalum | W Tungsten | Re Rhenium | Os Osmium | Ir Iridium | Pt Platinum | Au Gold | Hg Mercury | Tl Thallium | Pb Lead | Bi Bismuth | Po Polonium | At Astatine | Rn Radon |
| Fr Francium | Ra Radium | Acrinides | Rf Rutherfordium | Db Dubnium | Sg Seaborgium | Bh Bohrium | Hs Hassium | Mt Meitnerium | Ds Darmstadtium | Rg Roentgenium | Cn Copernicium | Nh Nihonium | Fl Flerovium | Mc Moscovium | Lv Livermorium | Ts Tennessine | Og Oganesson |
| | | La Lanthanum | Ce Cerium | Pr Praseodymium | Nd Neodymium | Pm Promethium | Sm Samarium | Eu Europium | Gd Gadolinium | Tb Terbium | Dy Dysprosium | Ho Holmium | Er Erbium | Tm Thulium | Yb Ytterbium | Lu Lutetium | |
| | | Ac Actinium | Th Thorium | Pa Proactinum | U Uranium | Np Neptunium | Pu Plutonium | Am Americium | Cm Curium | Bk Bekelium | Cf Californium | Es Einsteinium | Fm Fermium | Md Mendelevium | No Nobelium | Lr Lawrencium | |

**Mineral:** *Graphite, †Fluorspar, ‡Phosphate Rock, §Potash