

# cesium

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# cesium

- Symbol: Cs
- number: 55
- Atomic weight: 132.90545 (2)
- name: Alkali metal
- Period number: 6
- Block: s-block

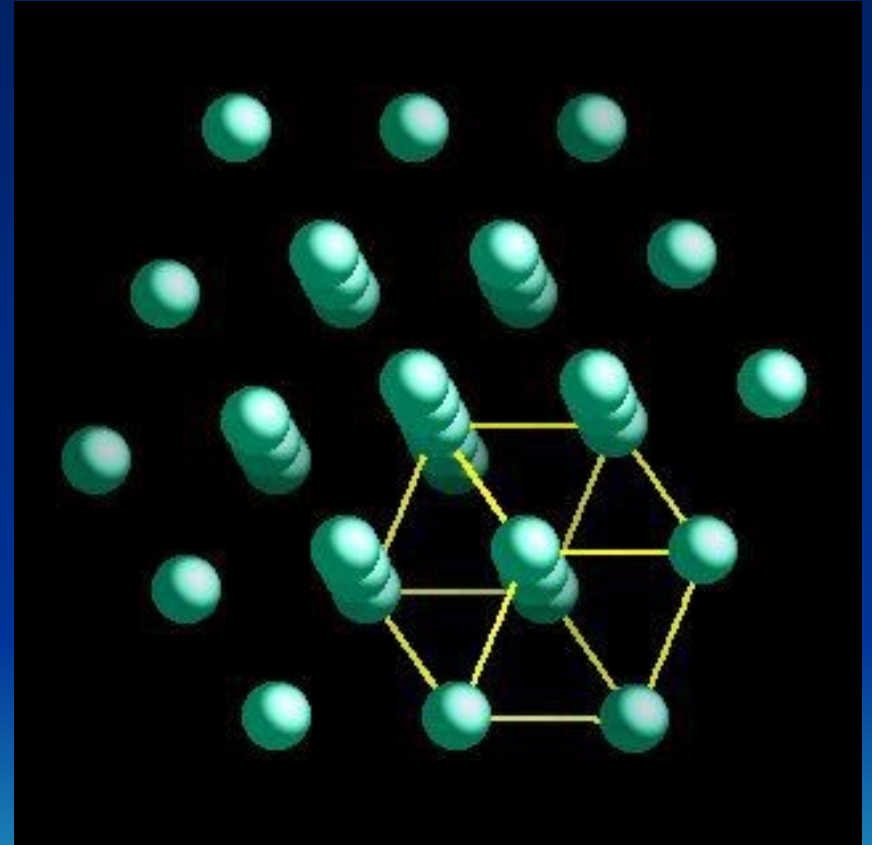
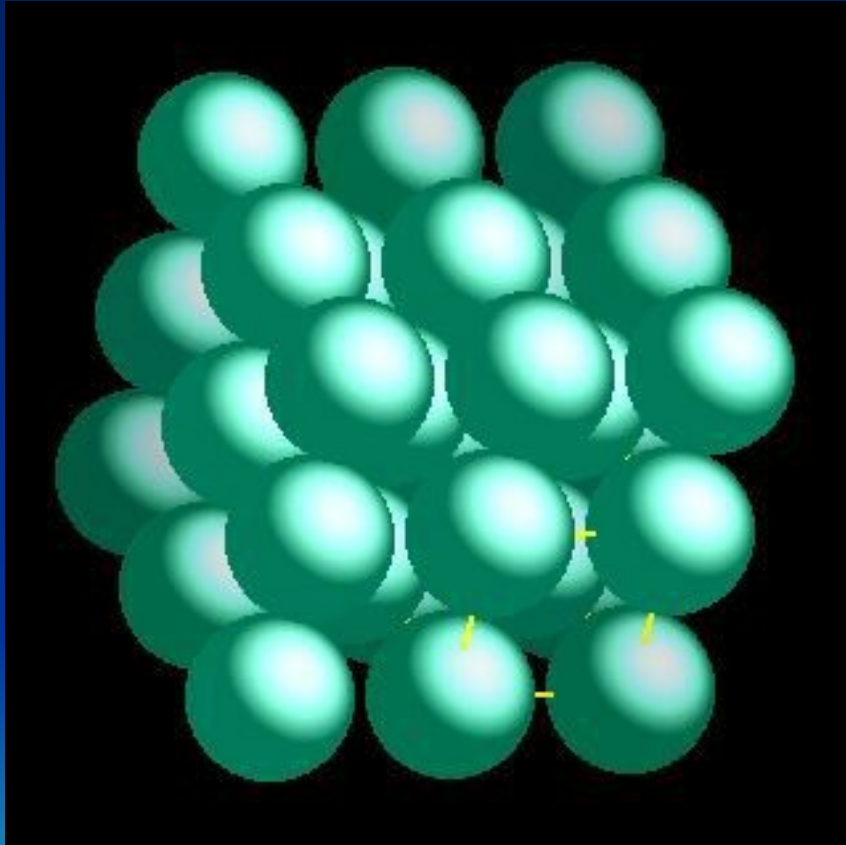


# Here is a brief description of cesium

- Standard state:  
solid at 298 K
- Colour: silvery gold
- Classification: Metallic



# Crystal Structure



# MINERALS

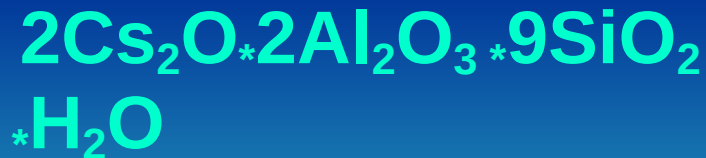
- Cesium has only one mineral-

## POLUCIT

- Formula:

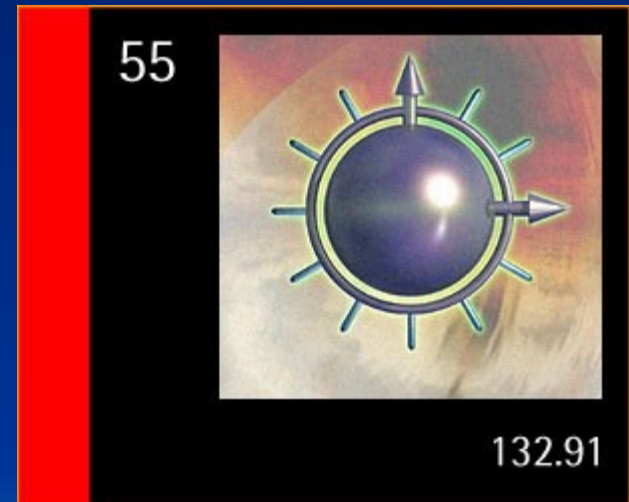


Another type of formula:

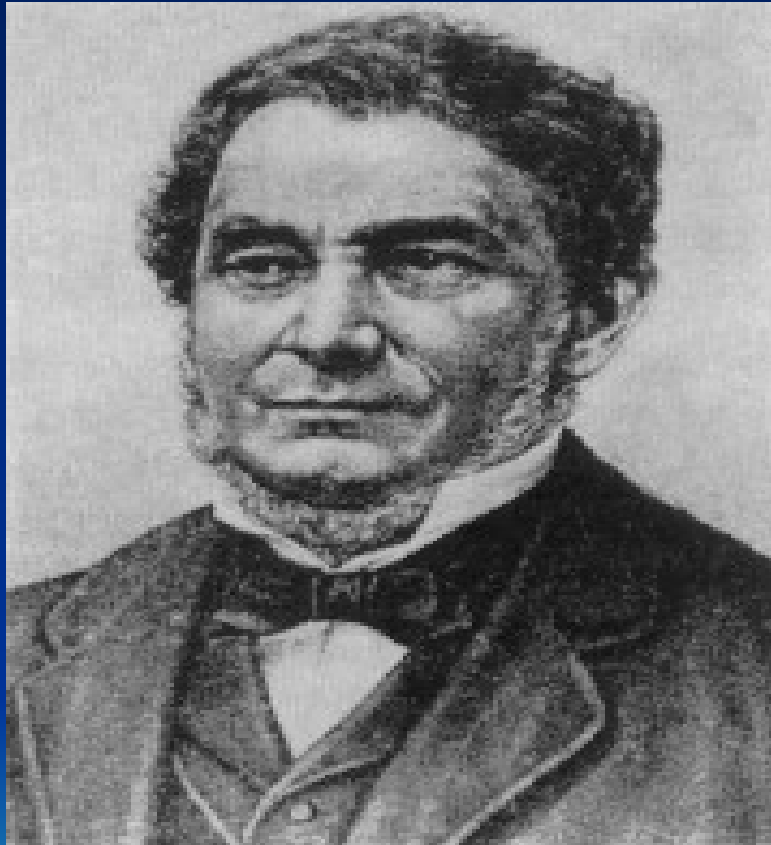


# Cs-atomic clock

- Discovered :  
1860 by R. Bunsen and G. R. Kirchhoff in  
Heidelberg, Germany
- The 'caesium clock' (**atomic clock**) is the  
standard measure of  
time:  
the electron resonance  
frequency is  
9,192,631,770 cycles per  
second.



# Discoverers



Robert Wilhelm Bunsen



# Vocabulary

- molten=roztavená
- measure=míra
- resonance frequency=rezonanční kmitočet
- formula=vzorec
- atomic clock=atomové hodiny





# References

- <http://cs.wikipedia.org/wiki/Cesium>
- <http://www.tabulka.cz/prvky/ukaz.asp?id=55>
- <http://xerius.jergym.hiedu.cz/../cs.html>
- <http://wikipedia.infostar.cz/c/ca/caesium.html>



GOODBYE

