Wien's Displacement Law

Robert William Whitby

$$T = 1/\lambda max$$

T in deg. Kelvin

lamda in 2.897768 mm

T, deg K	*1/lamda max, 1/2.9 mm*
1646	1646
1449	1449
1259	1259
1095	1095
904	904

Blackbody, any material

T, momentum of the oscillator
1/*lamda max,* momentum of the photon

Oscillator; photon–one and the same

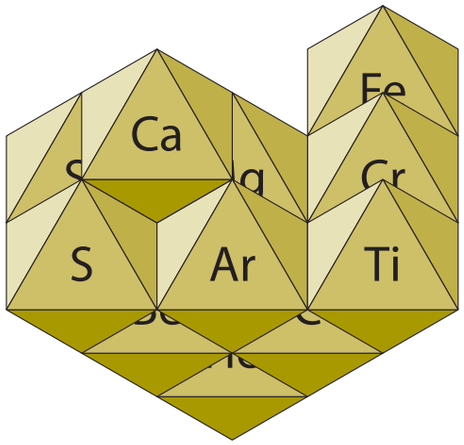
Blackbodies are atomic assemblies

Their oscillators are atoms or groups of atoms

The oscillators at the surface
of the blackbody
are emitted intact
and are then particles of light
which are known as
photons

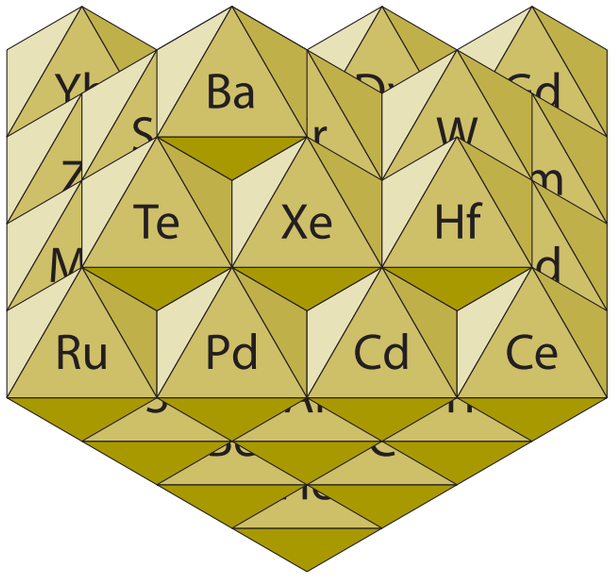
Atomic Weight

55.85



Fe

183.85



W

Oscillator or photon

For the same T,
the velocity ratio of Fe/W is
183.85/55.85

References

www.robertwilliamwhitby.com/

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Physics of the Atom
Wehr and Richards
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The end