

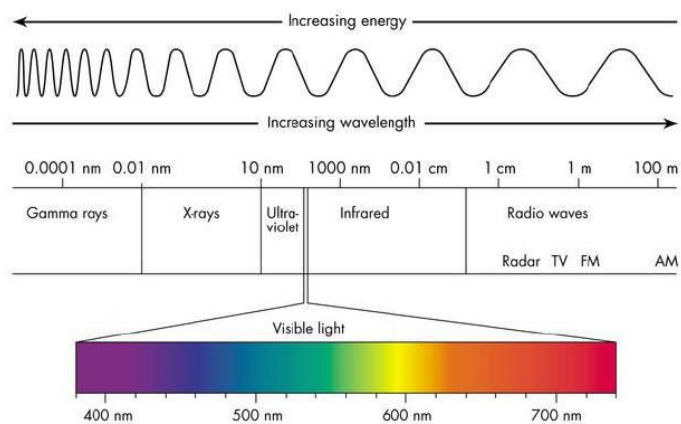
Wavelength

Wavelength is basically the length of the wave traveling. When the energy increases, wavelength decreases. When the wave is higher, the frequency is lower.

Visibility (Visible light)

Visible light is the type of electromagnetic wave which is visible to the human eye. As a reference below, violet to red is shortest wave to longest wave. Visible light will produce different light colors depending on their wavelength. When all the waves are together, white color will be appear.

(Reference 1)



Temperature

Even though all of hot objects yields electromagnetic radiation, wavelength of radiation will be different depending on the temperature of the object. According to the reference 2, high temperature will generate a large amount of energy which will emits the visible light (Visible part of the spectrum).

(Reference 2)

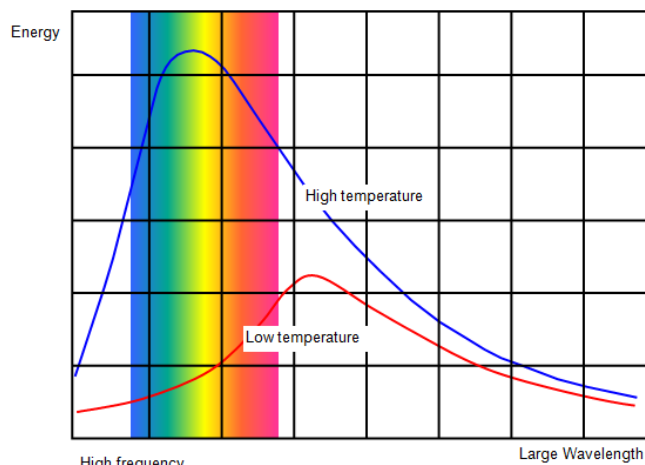


Figure 1