

Electromagnetic Spectrum

Showing Visible and Near Infrared Portions of Color-Infrared Imagery



Type	Gamma Rays	X-rays	Ultraviolet	Visible	Near Infrared	Other Infrared	Microwaves	Radio
Wavelength	<0.03 nm	0.03nm – 0.24 μm	0.24 μm – 0.38 μm	0.38 μm – 0.7 μm	0.7 μm - 1.0 μm	1.0 μm – 1 mm	1 mm – 100 cm	>100 cm

Note: Table cell widths are not to scale with regard to wavelength ranges.

Key to Measurement Units	
nm	Nanometers (billionths of a meter)
μm	Micrometers (millionths of a meter)
mm	Millimeters (thousandths of a meter)
cm	Centimeters (hundredths of a meter)