

Momentum of a photon

Planck Constant:  
 $6.63 \times 10^{-34} \text{ Js}$

## Wave-particle Duality

$p$

$=$

$h$

$\lambda$

Wavelength,  $\lambda = \frac{c}{f}$

Wave nature	Particulate nature
Diffraction/ Interference	Photoelectric experiments


$$\Delta p \Delta x \geq h$$