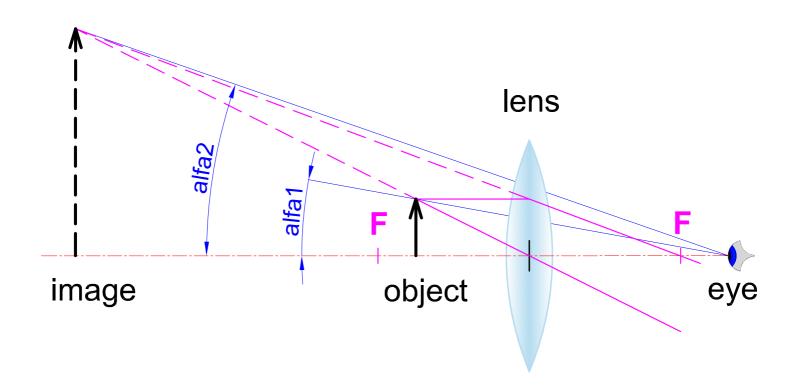
Magnifying glass



F [m] - focal length

Snp = 1/4 [m] - standard near point

 $\Phi = 1/F [1/m] - optical power in dioptres$

Magnifying power - angular magnification

Lens close to the object (one focal length away)

The eye can be a larger distance away

 $MP = alfa2/alfa1 = Snp*\Phi = Snp/F$

Maximum magnifying power - typically denoted "mx"

Lens very close to the eye

$$MP_{\circ} = MP + 1 = m$$