



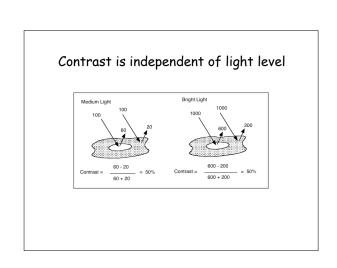


Difference in intensity of the 2 areas

Sum of intensity of the 2 areas

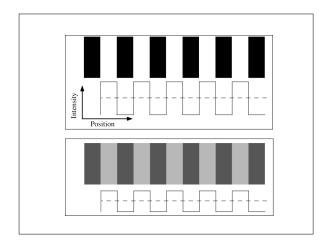
I1 - I2

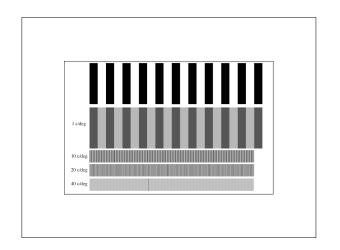
I1 + I2

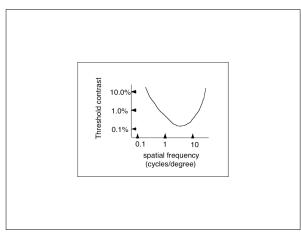


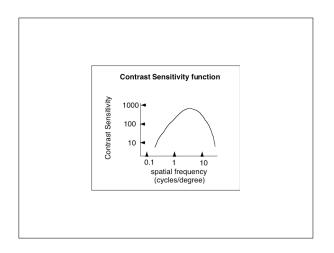
Spatial frequency vs. perception of contrast:

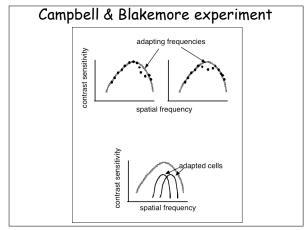
Contrast Sensitivity function
Experiment:
Blakemore and Campbell

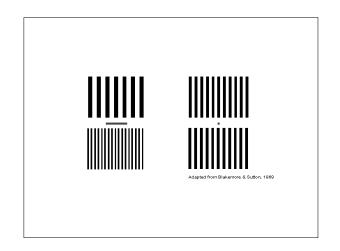


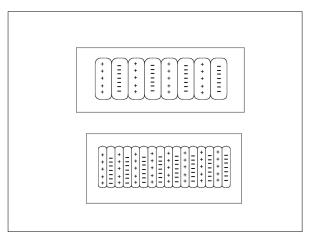


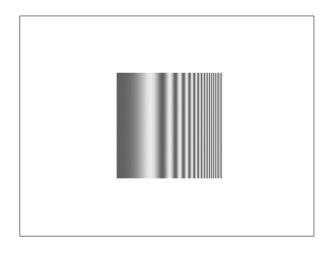


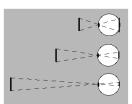








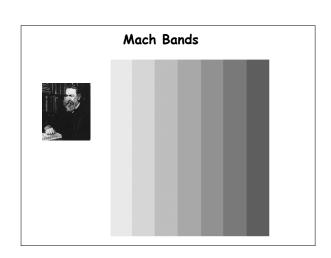


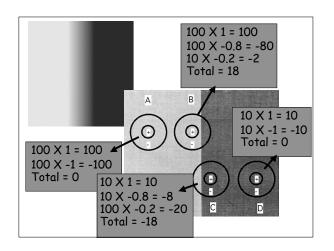


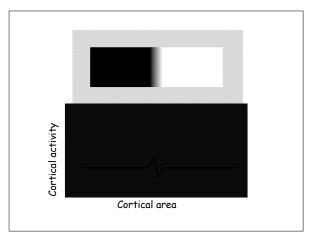
The size of the proximal image is inversely proportional to the square of the viewing distance. In other words, when we increase the viewing distance by a factor of 2, we decrease the size of the image on the retina by a factor of 4.

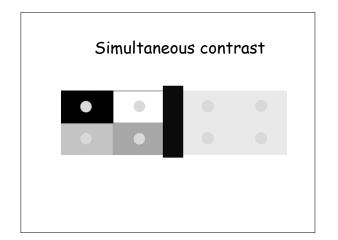
Physiology (brain activity):

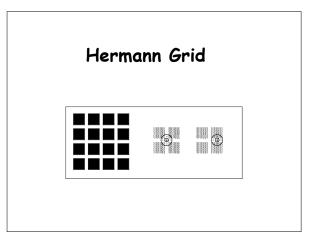
Mach Band
Simultaneous contrast
Hermman Grid
The Craik-O'Brien-Cornsweet
illusion

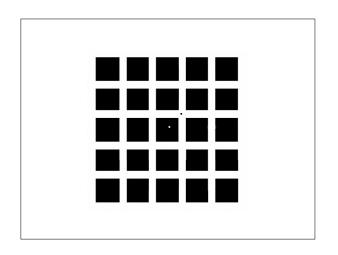


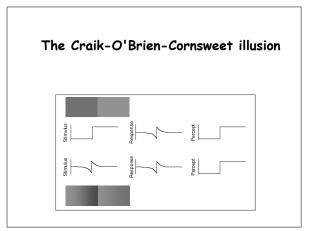


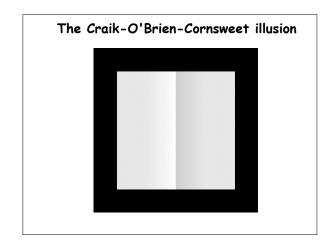


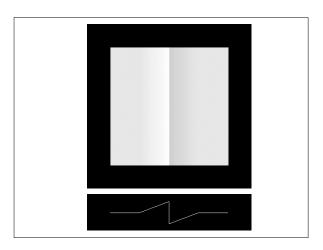


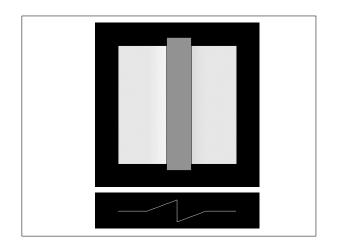


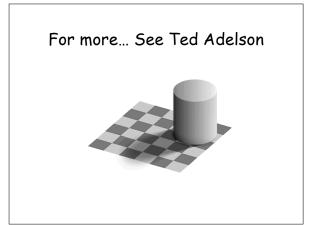












Mean intensity vs. contrast:

Operating curve
Experiment: Schweitzer-Tong
Constancies (lightness, colour)

