

log ΔL luminance difference threshold • $L_g = 63 \text{ cd/m}^2$

02 26s Y 63cd/m²; pot3

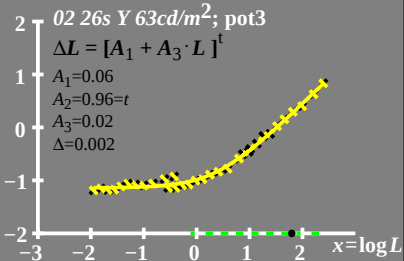
$$\Delta L = [A_1 + A_3 \cdot L]^t$$

$$A_1 = 0.06$$

$$A_2 = 0.96 = t$$

$$A_3 = 0.02$$

$$\Delta = 0.002$$



$\log(L/\Delta L)$ luminance contrast sensitivity threshold • $L_g = 63 \text{ cd/m}^2$

02 26s Y 63cd/m²; pot3

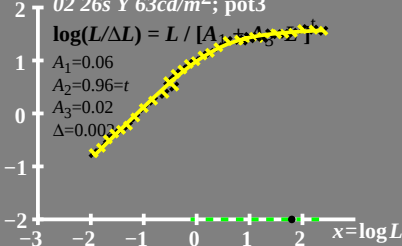
$$\log(L/\Delta L) = L / [A_1 + A_2 + A_3 + \Delta]$$

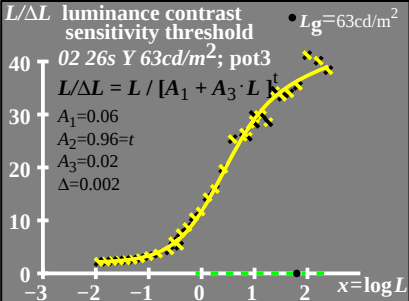
$$A_1 = 0.06$$

$$A_2 = 0.96 = t$$

$$A_3 = 0.02$$

$$\Delta = 0.002$$





T^* luminance difference
threshold sum

• $L_g = 63 \text{ cd/m}^2$

02 26s Y 63cd/m²; pot3

$$T^* = [A_1 + A \cdot L]^t - 1$$

$$A_1 = 0.06$$

$$A_2 = 0.96 = t$$

$$A_3 = 0.02$$

$$\Delta = 0.002$$

