

log ΔL luminance difference threshold • $L_g = 630 \text{ cd/m}^2$

02 0,1s Y 630cd/m²; pot3

$$\Delta L = A_4 [A_1 + A_3 \cdot L]^t$$

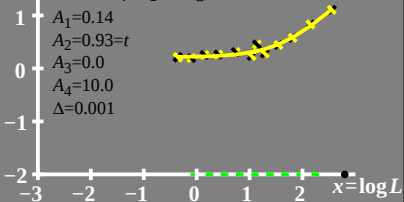
$$A_1 = 0.14$$

$$A_2 = 0.93 = t$$

$$A_3 = 0.0$$

$$A_4 = 10.0$$

$$\Delta = 0.001$$



$\log(L/\Delta L)$ luminance contrast sensitivity threshold • $L_g = 630 \text{ cd/m}^2$

02 0,1s Y 630cd/m²; pot3

$$\log(L/\Delta L) = L / [A_4 \cdot (A_1 + A_2 \cdot L^t)]$$

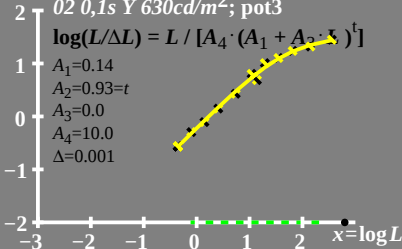
$$A_1 = 0.14$$

$$A_2 = 0.93 = t$$

$$A_3 = 0.0$$

$$A_4 = 10.0$$

$$\Delta = 0.001$$



$L/\Delta L$ luminance contrast
sensitivity threshold

• $L_g = 630 \text{ cd/m}^2$

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$$L/\Delta L = L / [A_4 \cdot (A_1 + A_3 \cdot L)^t]$$

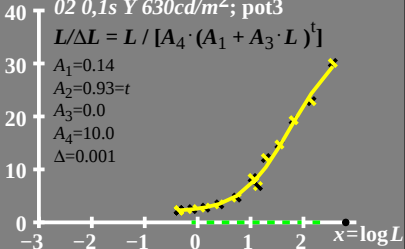
$$A_1 = 0.14$$

$$A_2 = 0.93 = t$$

$$A_3 = 0.0$$

$$A_4 = 10.0$$

$$\Delta = 0.001$$



T^* luminance difference
threshold sum

• $L_g = 630 \text{ cd/m}^2$

02 0,1s Y 630cd/m²; pot3

$$T^* = A_4[A_1 + A \cdot L^t - 1]$$

$$A_1 = 0.14$$

$$A_2 = 0.93 = t$$

$$A_3 = 0.0$$

$$A_4 = 10.0$$

$$\Delta = 0.001$$

