

log ΔL luminance difference threshold • $L_g = 6,3 \text{ cd/m}^2$

04 0,1&26s A 6,3cd/m²; hyp3

$$\Delta L = A_1 \cdot A_2 \cdot A_3 \cdot L^t / (L^t + A_2)^2$$

$$A_1 = 96.74 \quad A_1 = 377.3$$

$$A_2 = 3.85 \quad A_2 = 7.65$$

$$A_3 = 0.59 = t \quad A_3 = 0.41 = t$$

$$A_6 = 221.1 \quad A_6 = 1204.0$$

$$A_7 = 9.71 \quad A_7 = 131.8$$

$$\Delta = 4.66 \quad \Delta = 4.66$$



$\log(L/\Delta L)$ luminance contrast • $L_g = 6,3 \text{ cd/m}^2$
 sensitivity threshold

04 0,1&26s A 6,3cd/m²; hyp3

$$\log(L/\Delta L) = A_1 \cdot A_2 \cdot A_3 \cdot A_6 \cdot A_7 \cdot A_8 \cdot A_9$$

$$A_1 = 96.74$$

$$A_2 = 3.85$$

$$A_3 = 0.59 = t$$

$$A_6 = 221.1$$

$$A_7 = 9.71$$

$$\Delta = 4.66$$

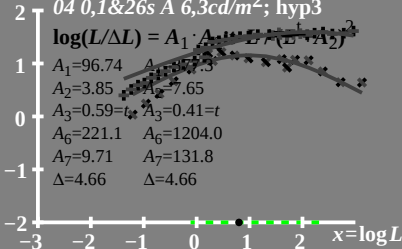
$$A_2 = 7.65$$

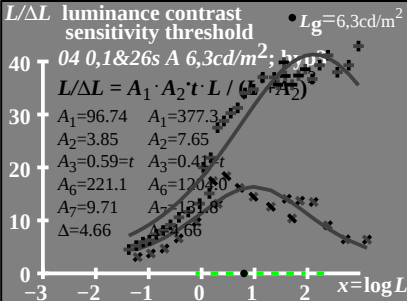
$$A_3 = 0.41 = t$$

$$A_6 = 1204.0$$

$$A_7 = 131.8$$

$$\Delta = 4.66$$





T^* luminance difference
threshold sum

• $L_g = 6,3 \text{ cd/m}^2$

04 0,1&26s A 6,3cd/m²; hyp3

$$T^* = A_1 \cdot L^t / (L^t + A_2)$$

$$A_1 = 96.74 \quad A_1 = 377.3$$

$$A_2 = 3.85 \quad A_2 = 7.65$$

$$A_3 = 0.59 = t \quad A_3 = 0.41 = t$$

$$A_6 = 221.1 \quad A_6 = 1204.0$$

$$A_7 = 9.71 \quad A_7 = 131.8$$

$$\Delta = 4.66 \quad \Delta = 4.66$$

