

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

04 0,1s A&R 630 cd/m^2 ; hyp2

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

$$A_1 = 143.7 \quad A_1 = 105.9$$

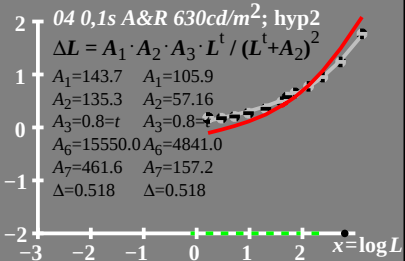
$$A_2 = 135.3 \quad A_2 = 57.16$$

$$A_3 = 0.8 = t \quad A_3 = 0.8 = t$$

$$A_6 = 15550.0 \quad A_6 = 4841.0$$

$$A_7 = 461.6 \quad A_7 = 157.2$$

$$\Delta = 0.518 \quad \Delta = 0.518$$



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

04 0,1s A&R 630 cd/m^2 ; hyp2

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

$$A_1 = 143.7 \quad A_1 = 105.9$$

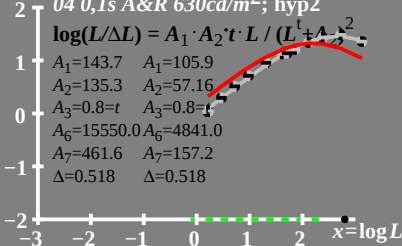
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$L/\Delta L$ luminance contrast
sensitivity threshold

• $L_g = 630 \text{ cd/m}^2$

04 0,1s A&R 630 cd/m^2 ; hyp2

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

$$A_1 = 143.7 \quad A_1 = 105.9$$

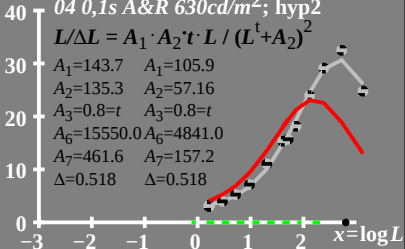
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T^* luminance difference
threshold sum

• $L_g = 630 \text{ cd/m}^2$

04 0,1s A&R 630 cd/m^2 ; hyp2

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

$$A_1 = 143.7 \quad A_1 = 105.9$$

$$A_2 = 135.3 \quad A_2 = 57.16$$

$$A_3 = 0.8 = t \quad A_3 = 0.8 = t$$

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