

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

2 04 0,1&26s A 630cd/m²; hyp3

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

1 $A_1 = 141.1$ $A_1 = 204.0$

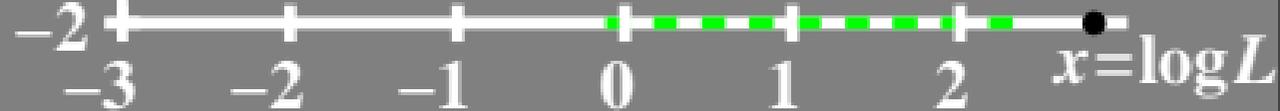
$A_2 = 149.6$ $A_2 = 32.63$

0 $A_3 = 0.82 = t$ $A_3 = 0.61 = t$

$A_6 = 17310.0$ $A_6 = 4099.0$

$A_7 = 448.2$ $A_7 = 287.2$

$\Delta = 0.495$ $\Delta = 0.495$



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

04 0,1&26s A 630cd/m²; hyp3

$$\log(L/\Delta L) = A_1 \cdot A_2 \cdot t \cdot L / (L + L_0)$$

$$A_1=141.1 \quad A_1=204.0$$

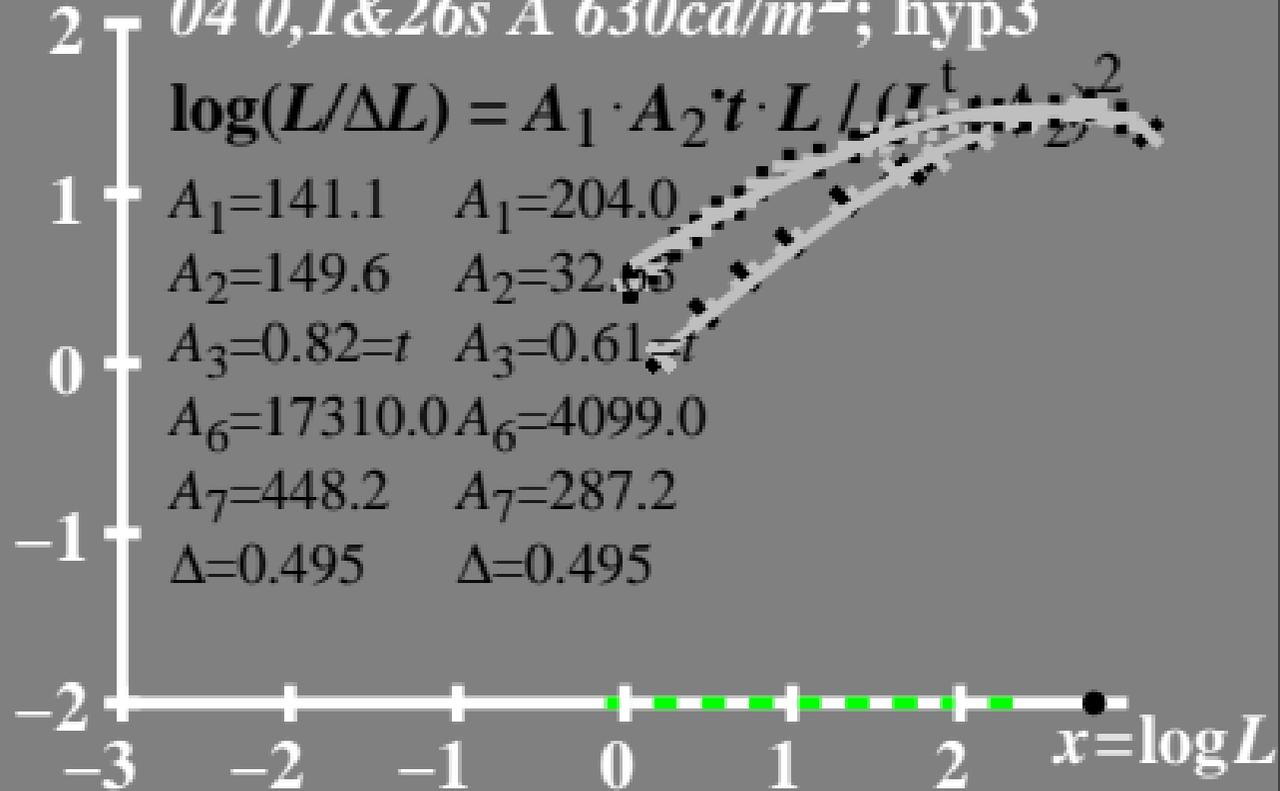
$$A_2=149.6 \quad A_2=32.65$$

$$A_3=0.82=t \quad A_3=0.61=t$$

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$$\Delta=0.495 \quad \Delta=0.495$$



$L/\Delta L$ luminance contrast
sensitivity threshold

• $L_g = 630 \text{ cd/m}^2$

04 0,1&26s A 630cd/m²; hyp3

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

$$A_1 = 141.1 \quad A_1 = 204.0$$

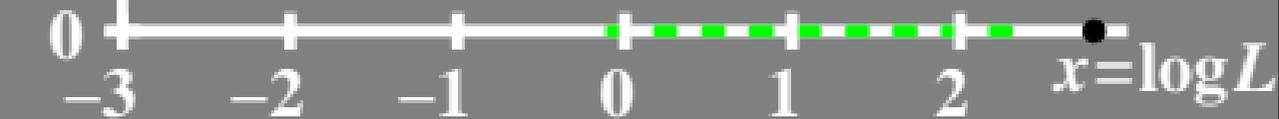
$$A_2 = 149.6 \quad A_2 = 32.63$$

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$$\Delta = 0.495 \quad \Delta = 0.495$$



T^* luminance difference
threshold sum

• $L_g = 630 \text{ cd/m}^2$

80 *04 0,1&26s A 630cd/m²; hyp3*

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

60 $A_1 = 141.1$ $A_1 = 204.0$

$A_2 = 149.6$ $A_2 = 32.63$

40 $A_3 = 0.82 = t$ $A_3 = 0.61 = t$

$A_6 = 17310.0$ $A_6 = 4099.0$

$A_7 = 448.2$ $A_7 = 287.2$

$\Delta = 0.495$ $\Delta = 0.495$

0 $x = \log L$