

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

02 26s Y 630 cd/m^2 ; hyp2

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

$$A_1 = 183.2$$

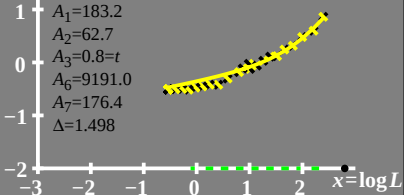
$$A_2 = 62.7$$

$$A_3 = 0.8 = t$$

$$A_6 = 9191.0$$

$$A_7 = 176.4$$

$$\Delta = 1.498$$



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

02 26s Y 630cd/m²; hyp2

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

$$A_1 = 183.2$$

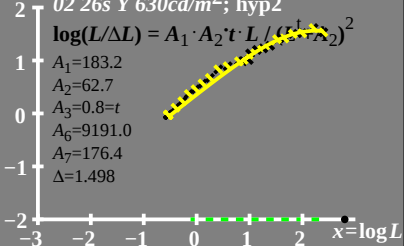
$$A_2 = 62.7$$

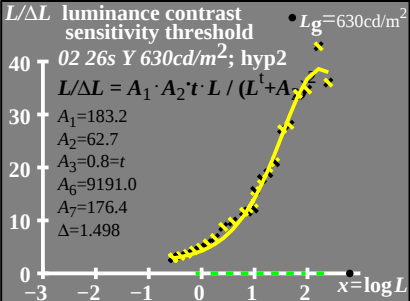
$$A_3 = 0.8 = t$$

$$A_6 = 9191.0$$

$$A_7 = 176.4$$

$$\Delta = 1.498$$





T^* luminance difference
threshold sum

• $L_g = 630 \text{ cd/m}^2$

02 26s Y 630 cd/m^2 ; hyp2

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

$$A_1 = 183.2$$

$$A_2 = 62.7$$

$$A_3 = 0.8 = t$$

$$A_6 = 9191.0$$

$$A_7 = 176.4$$

$$\Delta = 1.498$$

