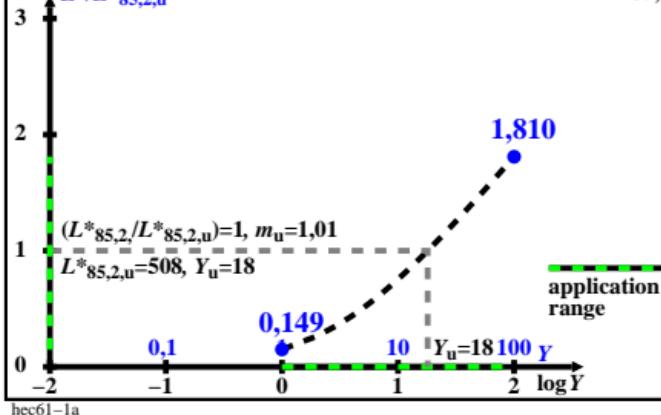


$$L^*_{85,2}/L^*_{85,2,u}$$

LABJND lightness $L^*_{85,2}$ normalized to the background lightness $L^*_{85,2,u}$

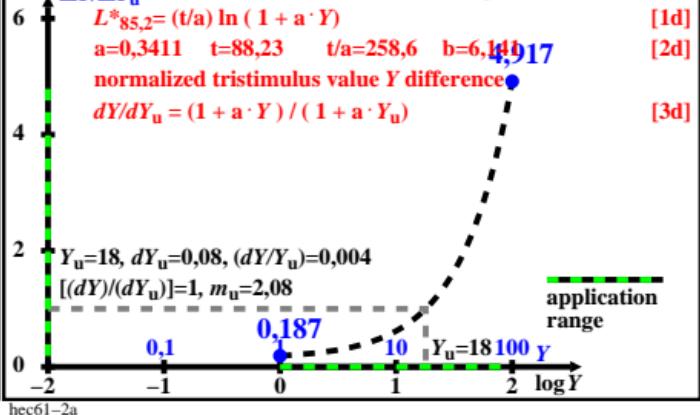


hec61-1a

$$\Delta Y/\Delta Y_u$$

$$\Delta Y/\Delta Y_u$$

CIE tristimulus value difference ΔY normalized to ΔY_u



hec61-2a

$$(\Delta Y/Y) / (\Delta Y/Y_u)$$

$$S_r/S_{ru} = (\Delta Y/Y) / (\Delta Y/Y_u)$$

CIE Y sensitivity normalized to $\Delta Y_u/Y_u$

$$L^*_{85,2} = (t/a) \ln (1 + a \cdot Y)$$

$$a=0,3411 \quad t=88,23 \quad t/a=258,6$$

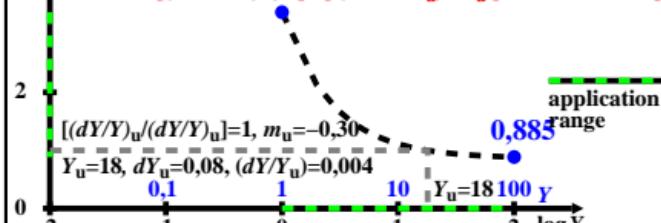
tristimulus value Y sensitivity

$$(dY/Y) / (dY_u/Y_u) = [(1 + a \cdot Y) 3,380] [(1 + a \cdot Y_u) / Y_u]$$

[1f]

[2f]

[3f]



hec61-3a

hec61-3n

$$(Y/\Delta Y) / (Y/\Delta Y_u)$$

$$C_r/C_{ru} = (Y/\Delta Y) / (Y/\Delta Y_u)$$

CIE Y-based contrast normalized to $Y_u/\Delta Y_u$

$$L^*_{85,2} = (t/a) \ln (1 + a \cdot Y)$$

$$a=0,3411 \quad t=88,23 \quad t/a=258,6$$

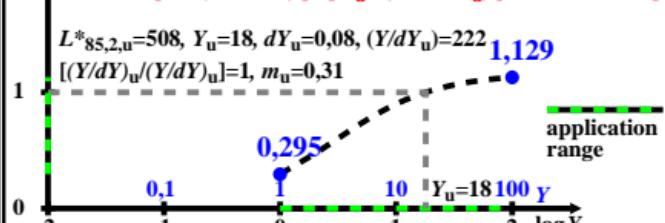
tristimulus value Y contrast

$$(Y/dY) / (Y_u dY_u) = [Y / (1 + a \cdot Y)] / [Y_u / (1 + a \cdot Y_u)]$$

[1h]

[2h]

[4h]



hec61-4a