

$\log [(Y/\Delta Y) / (Y_u/\Delta Y_u)]$ CIE Y-based contrast normalized to $Y_u/\Delta Y_u$

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

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

$$a=0,3411 \quad t=88,23 \quad t/a=258,6 \quad [2h]$$

tristimulus value Y contrast

$$(Y/dY) / (Y_u dY_u)$$

$$= [Y / (1 + a \cdot Y)] / [Y_u / (1 + a \cdot Y_u)] \quad [4h]$$

$$Y_u=18, dY_u=0,08, (Y/dY_u)=222$$

$$\log[(Y/dY)_u / (Y/dY)_u] = 0, m_u = 0,13$$

