

$\log[(Y/\Delta Y) / (Y/\Delta Y)_u]$

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

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

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

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

tristimulus value Y contrast

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

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

$$L^*_{85,2,u} = 508, Y_u = 18, dY_u = 0,08, (Y/dY_u) = 222$$

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

