

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

CIE Y-based contrast

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

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

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

tristimulus value Y contrast

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

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

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

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

