

$\log [(Y/\Delta Y) / (Y_u/\Delta Y_u)]$ CIE Y-based contrast
 $\uparrow C_r/C_{ru}=(Y/\Delta Y)/(Y_u/\Delta Y_u)$ normalized to $Y_u/\Delta Y_u$

$$C_{\Gamma}/C_{\Pi}=(Y/\Delta Y)/(Y/\Delta Y)_{\Pi}$$

$$100L^*_{85.2} = (t/a) \ln (1 + a \cdot Y) \quad [1h]$$

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

tristimulus value Y contrast

$$\begin{aligned} (Y/dY) / (Y_u dY_u) \\ = [Y / (1 + a \cdot Y)] / [Y_u / (1 + a \cdot Y_u)] \quad [4h] \end{aligned}$$

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

$$\log[(Y/dY)_{II}/(Y/dY)_{II}] = 0, m_{II} = 0,13$$

