

$\log [(Y/\Delta Y) / (Y_u/\Delta Y_u)]$ CIE Y-based sensitivity
 $S_r/S_m=(Y/\Delta Y)/(Y_u/\Delta Y_u)$ normalized to $Y_u/\Delta Y_u$

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

a=0,3411 t=88,23 t/a=258,6

tristimulus value Y sensitivity

$$1 + 10 \log[(Y/dY)/(Y_u/dY_u)] = \log [(t \cdot Y) / (1 + a \cdot Y)] - \log [(t \cdot Y_u) / (1 + a \cdot Y_u)]$$

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

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

