

$\log(\Delta Y/Y)$

CIE Y sensitivity

$$S_r = (\Delta Y/Y)$$

$$0,059 L^*_{85,2} = (t/a) \ln(1 + a \cdot Y) \quad [1e]$$

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

tristimulus value Y sensitivity

$$dY/Y = (1 + a \cdot Y) / (t \cdot Y) \quad [3e]$$

$$\log(dY_u/Y_u) = -2,34, m_u = -0,13$$

$$Y_u=18, dY_u=0,08, dY_u/Y_u=0,004$$

$$0,003$$

application
range

$$Y_N=3,6 \quad Y_u=18 \quad Y_W=90$$

1

10

100

1000

10000

$4 \log Y$