

$\Delta Y/Y$

CIE Y-Empfindlichkeit

 $S_r = (\Delta Y/Y)$

$$L^* = 116 (Y/Y_n)^{1/3} - 16 \quad (Y_n = 100, 1 \leq Y \leq 100) \quad [1e]$$

$$dY/Y = (3/116) \cdot Y_n^{1/3} \cdot Y^{-1/3} \quad [2e]$$

$$dY/Y = c \cdot Y^{-1/3} \quad [3e]$$

$$dY/Y = d \cdot (Y/Y_n)^{-1/3} \quad [4e]$$

$$c = 0,120 \quad d = 1,404 \quad [5e]$$

0,3

0,182

0,1

0,106

 $\log(dY/Y) = -1,33, m_u = -0,33$
 $Y_n = 18, dY_n = 0,83, Y_n = 3,6, dY_n = 0,23, Y_W = 90$

Anwendungsbereich

0,0

1

10

100

1000

10000

log Y