

$Y/\Delta Y$

# CIE Y-Kontrast

$$C_r = Y/\Delta Y$$

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

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

Hellbezugswert-Y Kontrast

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



$L^*_{85,2,u} = 508, Y_u = 18, dY_u = 0,08, (Y/dY_u) = 222$  251,2  
 $\log(Y/dY)_u = 2,34, m_u = 0,13$

----- Anwendungsbereich  
 $Y_u = 18 \cdot 100 \cdot Y$

0,1 1 10 100  
 -2 -1 0 1 2  $\log Y$