

$\log(Y/\Delta Y)$

CIE Y-Kontrast

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

0,1  $C_{r,\text{LABJND}}$  und  $C_{r,\text{CIELAB}}$

Y-Kontrast nach CIELAB

$$\begin{aligned}\log(Y/dY) &= \log[(1/3)(116/Y_n)] + (1/3)\log(Y/Y_n) \\ &= \log[(1/3)(116/(Y_n^{1/3}))] + (1/3)\log(Y)\end{aligned}$$

10

0

-1

0,1

1

10

2

$$m_{u-} = 0,14$$

$$L^*_u = 50, Y_u = 18, dY_u = 0,83, Y_u/dY_u = 21$$

$$\log(Y/dY) = 1,33, m_u = 0,33$$

$$m_{u+} = 0,13$$

Anwendungsbereich

$$Y_u = 18 \quad 100 \quad Y$$