

$\log(\Delta Y/Y)$

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

CIELAB-

tristimulus value sensitivity

1

$$L^*_{\text{CIELAB}} = s(Y/Y_n)^{1/3} - 16 \quad (s=100, Y_n=100, 1 < Y \leq 100)$$

CIELAB-tristimulus value sensitivity

$$\log[(dY/Y) = \log(3(Y_n)^{1/3}/116) - (1/3)\log Y]$$

0

application range

-1

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

$$Y_u = 18, dY_u = 0,83, dY_u/Y_u = 0,0454$$

-2

0,1  
-1

1  
0

$Y_N = 4$

10

$Y_u = 18$

100

$y$