

$\log(\Delta Y/Y)$

CIE tristimulus
value Y contrast

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

0
1

$$L^* = (A_0/A_2) \ln(A_1 + A_2 \cdot Y)$$

$$A_0 = 1,00 \quad A_1 = 0,0170 \quad A_2 = 0,0058$$

relative tristimulus value Y contrast

$$\log(dY/Y) = \log[(A_1 + A_2 \cdot Y) / (A_0 \cdot Y)]$$

-1
0,1

-2
 $\log(dY/Y) = -2,17, m_u = -0,13$

$Y_u = 18, dY_u = 0,12, dY_u/Y_u = 0,0067$

application
range

-3
0,1

1

10

$Y_u = 18$ 100 Y

-2

-1

0

1

2

$\log(Y)$