

$\log [(\Delta Y/Y) / (\Delta Y_u/Y_u)]$

Relative CIELAB-

$C_r/C_{ru} = (\Delta Y/Y) / (\Delta Y_u/Y_u)$ Normfarbwertempfindlichkeit

2
100

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

Relative CIELAB-Normfarbwertempfindlichkeit

$\log(dY/Y) / (dY_u/Y_u) = \log(Y/Y_u)^{-1/3}$

1
10

Anwendungs-
bereich

0
1

$\log[(dY/Y)/(dY_u/Y_u)] = 0, m_u = -0,33$

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

0,1

1

$Y_N = 4$ 10

$Y_u = 18$ 100

Y

-1

-2

-1

0

1

2

$\log(Y)$