

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

Relative CIE-Y-Normfarb-
Y wertdifferenz

$\Delta Y / \Delta Y_u$

2 100 $L^* = (t/a) \ln(1 + a \cdot Y)$ $a = 0.3411$ $t/a = 258.6$

relative Normfarbwertdifferenz

$$\begin{aligned} \log(dY/dY_u) &= \log[(1+a \cdot Y)/t] - \log[(1+a \cdot Y_u)/t] \\ &= \log[(1+b \cdot (Y/Y_u))/t] - \log[(1+b)/t] \end{aligned}$$

$Y_u = 18, dY_u = 0.08, dY_u/Y_u = 0.004$

$\log[(dY)/(dY_u)] = 0, m_u = 0.86$

Anwendungs-
bereich

$Y_u = 18$ 100 Y

$\log(Y)$