

log ΔY CIE-Y-Normfarbwertdifferenz

$$\log(\Delta Y) = \frac{\Delta Y}{L^*} = \frac{t}{a} \ln [1 + b (Y/Y_u)]$$

$a=0.3411$ $t=88.23$ $t/a=258.6$ $b=a \cdot Y_u=6.14$

Normfarbwert ΔY -Differenz

$$\log(dY) = \log [(s + q \cdot Y) / c]$$

$$= \log [(1 + b \cdot (Y/Y_u)) / t]$$

$s=0.017$ $q=0.0058$ $c=1.5$

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

$$\log(dY)=-1.09, m_u=0.86$$

Anwendungs-
bereich

