log(ΔY/ΔYu)

CIELABu8 relative Normfarbwertdifferenz
$Y_{nc}=L^*_{W,R,G,B,nc}=100,$ 52, 87, 31

$\frac{\Delta Y/\Delta Y_u}{2 \cdot 100}$

$T^*_{CIELABu8}=50(Y/Y_u)^{1/2,0}+1$ $(Y_u=18, Y_{nc}/100<Y<=Y_{nc})$

$\log(dY/dY_u) = [1-(1/2,0)] \log(Y/Y_u)$

1 · 10

$T^*_u=50, dY_u=4,06, dY_u/dY_u=0,2257$

$\log[(dY)/(dY)_u]=0, m_u=0,50$

Anwendungs-bereich

0,1

10   $Y_u=18$ 100   Y

$Y_N=3,6$ 1 $Y_W=90$ 2   log(Y)

BGY81-4A