log(ΔY/ΔY_u)

CIELABu2 relative Normfarbwertdifferenz

$Y_{nc}=L^*_{W}R_{R}B_{N}B_{nc}=100,$ 52, 97, 31

$\Delta Y/\Delta Y_u$

2·100

$L^*_{CIELABu2}=59(Y/Y_u)^{1/2,5}-9$ $(Y_u=18, Y_{nc}/100<Y<=Y_{nc})$

$\log(dY/dY_u) = [1-(1/2,5)] \log(Y/Y_u)$

1·10

$L^*_u=50, dY_u=4,27, dY_u/Y_u=0,2377$

0·1

$\log[(dY)/(dY)_u]_u=0, m_u=0,60$

Anwendungs-bereich

-1·0

0,1   1   10 $Y_u=18$ 100 Y

$Y_N=3,6$ $Y_W=90$

-2   -1   0   1   2 log(Y)

BGY21−4A