CIELABn5
Normfarbwertdifferenz

$\log(\Delta Y)$

ΔY

$Y_{nc}=L^*w_{R\,G\,B\,nc}=100,\ 52,\ 87,\ 31$

$T^*_{CIELABn5}=116(Y/Y_n)^{1/3,0}-16$ ($Y_n=100,\ Y_{nc}/100<Y<=Y_{nc}$)

$\log(dY)=(1/3,0)\log[3,0(Y_u/115)]+[1-(1/3,0)]\log(Y)$

$T^*_u=50,\ dY_u=4,60,\ dY_u/Y_u=0,2555$

$\log(dY)=4,60,\ m_u=0,66$

$dY_{90}=13,45,\ \gamma=3,0,\ 1/3,0=0,33$
$dY_{18}=4,60,\ S_u=0,49,\ D_n=-15,49$
$dY_{3,6}=1,56,\ Y_n=100,\ dY_n=4,60$

Anwendungs-
bereich

$Y_u=18$
$Y_N=3,6$ $Y_W=90$

$\log(Y)$

BGZ51−3A