log $(\Delta Y/Y)$

CIELABu0
Normfarbwertempfindlichkeit
$Y_{nc}=L^*w_R$ $B_{nc}=100, 52, 8\%, 31$

$S_p=(\Delta Y/Y)$

$L^*_{\text{CIELABu0}}=66\,(Y/Y_u)^{1/3,0}-16$ $(Y_u=18,\ Y_{nc}/100<Y<=Y_{nc})$

$\log(dY/Y)=\log[3,0(Y_u/65)]-(1/3,0)\log(Y/Y_u)$

$=(1/3,0)\log[3,0(Y_u/65)]-(1/3,0)\log(Y)$

$\log(dY/Y)=-0,59,\ m_u=-0,33$

$L^*=50,\ dY_u=4,58,\ dY_u/Y=0,2544$

Anwendungs-bereich

$(dY/Y)_{90}=0,1488,\ \gamma=3,0,\ 1/\gamma=1/3,0=0,33$

$(dY/Y)_{18}=0,2544,\ S_p=65,49,\ D_n=-45,49$

$(dY/Y)_{3,6}=0,4342,\ Y_u=18,\ dY_u=4,5\%$

0,1   1   10   100 Y

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

$Y_W=90$

log(Y)

BGX01-5A