log(ΔY)

CIELABu2
Normfarbwertdifferenz
$Y_{nc} = Y_{W,R}$ $Y_{B,nc} = 100$, 21, 73, 7

ΔY

$l^*_{CIELABu2} = 59 (Y/Y_u)^{1/2,5} - 9$ $(Y_u = 18, Y_{nc}/100 < Y <= Y_{nc})$
$log(dY) = (1/2,5) log[2,5(Y_u/58)] + [1-(1/2,5)] log(Y)$

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

log(dY) = 4,27, m_u = 0,59

Anwendungs-bereich

0,1   1   10 Y_u=18 100   Y
Y_N=3,6 Y_W=902

-2   -1   0   1   2   log(Y)

BGY20−3A