log(ΔY/ΔYu)

CIELABu1 relative Normfarbwertdifferenz
$Y_{nc} = Y_{W8B8nc} = 100, 21, 73, 7$

ΔY/ΔYu

$2 \cdot 100$

$l^*_{CIELABu1} = 66(Y/Y_u)^{1/3,0} - 16 \quad Y_u = 18, Y_{nc}/100 < Y <= Y_{nc}$

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

$1 \cdot 10$

$l^*_u = 50, dY_u = 4,58, dY_u/Y_u = 0,2544$

$0,1$

$\log[(dY)/(dY)_u]_u = 0, m_u = 0,66$

Anwendungs-bereich

$0,1$

$0,1$

10 $^{Y}Y_u = 18$ 100 Y

$0,1$ -1 0 $Y_N = 3,6$ 1 $Y_W = 902$ $\log(Y)$

-2 -1 0 1 2 $\log(Y)$

BGY10−4A