log $(Y/\Delta Y)$

$C_P = (Y/\Delta Y)$

CIELABn0
Normfarbwertkontrast
$Y_{nc} = L^* w_{\mathbf{R}} w_{\mathbf{G}} \mathbf{B}_{\mathbf{N}} c = 100, 52, 8\%, 31$

$L^*_{\text{CIELABn0}} = 116 (Y/Y_u)^{1/3,0} - 16$ ($Y_u = 100$, $Y_{nc}/100 < Y <= Y_{nc}$)

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

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

$L^*_u = 50$, $dY_u = 4,60$, $Y_u/dY_u = 3$

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

$(Y/dY)_{90} = 6,69$, $\gamma = 3,0$, $1/\gamma = 1/3,0 = 0,33$
$(Y/dY)_{18} = 3,91$, $S_D = 115,49$, $D_n = -16,49$
$(Y/dY)_{3,6} = 2,29$, $\bar{Y}_n = 100$, $dY_n = 4,60$

Anwendungs-
bereich

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