log [(Y/ΔY) / (Y/ΔY)u]

CIELABuu9 relative
tistimulus value contrast
$C_r/C_{ru} = (Y/\Delta Y)/(Y/\Delta Y)_u$ $Y_{nc} = L^*W_R$ $B_{nc} = 100, 52, 83, 31$

$T^*_{CIELABu9} = 37 (Y/Y_u)^{1/1,5} + 13$ $(Y_u = 18, Y_{nc}/100 < Y <= Y_{nc})$

$\log[(Y/dY)/(Y/dY)_u] = (1/1,5) \log(Y/Y_u)$

$(Y/dY)_{90}/(Y/dY)_u = 2,92,$ $\gamma = 1,5,$ $1/\gamma = 1/1,5 = 0,66$
$(Y/dY)_{18}/(Y/dY)_u = 1,00,$ $S_D = 36,98,$ $D_D = 13,01$
$(Y/dY)_{3,6}/(Y/dY)_u = 0,34,$ $Y_u = 18,$ $dY_u = 4,05$

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

$T^*_u = 50,$ $dY_u = 4,05,$ $Y_u dY_u$

application
range

$Y_N = 3,6$ $Y_W = 902$

log(Y)

BEX91−8A