CIELABn8
tristimulus value contrast
$Y_{nc} = Y_{W}$, Y_{Rn}, Y_{Bn}, $Y_{n} = 100$, 21, 72, 7

$\log (Y/\Delta Y)$
$C_p = (Y/\Delta Y)$

$t^*_{CIELABn8} = 100 (Y/Y_n)^{1/2,0} + 1$ ($Y_n = 100$, $Y_{nc}/100 < V <= Y_{nc}$)

$\log(Y/dY) = -\log[2,0(Y_u/99)] + (1/2,0) \log(Y/Y_u)$

$= -(1/2,0) \log[2,0(Y_u/99)] + (1/2,0) \log(Y)$

$t^*_u = 43$, $dY_u = 4,75$, Y_u/dY

$\log(Y/dY) = 0,57$, $Y_u = 0$

$(Y/dY)_{90} = 8,47$, $\gamma = 2,0$, $1/\gamma = 1/2,0 = 0,50$
$(Y/dY)_{18} = 3,78$, $S_{D} = 99,21$, $D_{n} = 0,78$
$(Y/dY)_{3,6} = 1,69$, $Y_n = 100$, $dY_n = 4,75$

application range

$Y_N = 3,6$ $Y_W = 90$ $Y_{W} = 18$

$\log(Y)$

BEZ80-7A