log [(Y/ΔY) / (Y/ΔY)ₙ]

CIELABn7 relative tistimulus value contrast

$C_r/C_{ru} = (Y/\Delta Y)/(Y/\Delta Y)_u$ $Y_{nc} = L^*$ **WR R BnC** = 100, 52, 82, 31

$T^*_{CIELABn7} = 109 (Y/Y_n)^{1/2,5} - 9$ ($Y_n = 100$, $Y_{nc}/100 <= Y_{nc}$)

$\log[(Y/dY)/(Y/dY)_u] = (1/2,5) \log Y/Y_u$

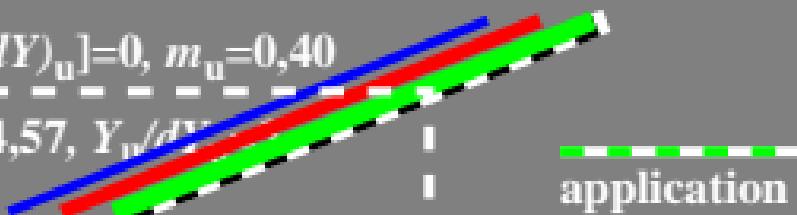$(Y/dY)_{90}/(Y/dY)_u = 1,90$, $\gamma = 2,5$, $1/\gamma = 1/2,5 = 0,40$
$(Y/dY)_{18}/(Y/dY)_u = 1,00$, $S_0 = 108,42$, $D_n = -8,42$
$(Y/dY)_{3,6}/(Y/dY)_u = 0,52$, $Y_n = 100$, $dY_u = 4,57$

$\log[(Y/dY)/(Y/dY)_u] = 0$, $m_u = 0,40$

$T^*_u = 46$, $dY_u = 4,57$, $Y_u = Y_N$

application range

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

BEZ71-8A