log [(Y/ΔY) / (Y/ΔY)ₙ]

CIELABn4 relative
tistimulus value contrast
$C_r/C_{ru}=(Y/\Delta Y)/(Y/\Delta Y)_u$ $Y_{nc}=L^*W_R$ **B**ₙc=100, **52, 89, 31**

$L^*_{CIELABn4}=87\,(Y/Y_n)^{1/1,5}+13$ ($Y_n=100,\ Y_{nc}/100<=Y_{nc}$)

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

$(Y/dY)_{90}/(Y/dY)_u=2,92,\ \gamma=1,5,\ 1/\gamma=1/1,5=0,66$
$(Y/dY)_{18}/(Y/dY)_u=1,00,\ S_n=86,98,\ D_n=13,01$
$(Y/dY)_{3,6}/(Y/dY)_u=0,34,\ Y_n=100,\ dY_n=5,40$

$\log[(Y/dY)/(Y/dY)_u]=0,\ m_{un}=0,66$

$L^*_u=41,\ dY_u=5,40,\ Y_u/dY_u=3$

application
range

BEZ41−8A