

$\log(\Delta Y)$

CIELABu8

tristimulus value difference

$Y_{nc}=L^*_{WRGBnc}=100, \textcolor{red}{52}, \textcolor{blue}{87}, \textcolor{green}{31}$

ΔY
2
100

$$T^*_{\text{CIELABu8}}=50(Y/Y_u)^{1/2,0}+1 \quad (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$$

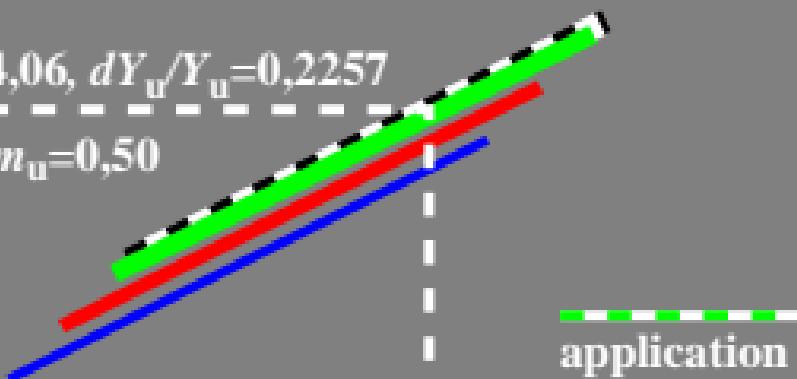
$$\log(dY) = (1/2,0) \log[2,0(Y_u/49)] + [1-(1/2,0)] \log(Y)$$

1
10

$$T^*_{u}=50, dY_u=4,06, dY_u/Y_u=0,2257$$

0
-1

$$\log(dY)=4,06, m_u=0,50$$



application
range

-1
0,1
-1
1
0
 $Y_N=3,6$
10
 $Y_u=18$
 $Y_{nc}=100$
 $Y_W=90$
2
 $\log(Y)$