

$\log(\Delta Y/\Delta Y_u)$

CIELABu4 relative
tristimulus value difference

$Y_{nc} = Y_{W\text{RGB}nc} = 100, 21, 72, 7$

$l^*_{\text{CIELABu4}} = 37(Y/Y_u)^{1/1,5} + 13 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$

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

