

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

CIELABn0 relative

tristimulus value difference

$Y_{nc}=Y_W$ RGB_{nc}=100, 21, 72, 7

$\Delta Y/\Delta Y_u$

2 100

$l^*_{CIELABn0}=116(Y/Y_u)^{1/3,0}-16$ ($Y_n=100, Y_{nc}/100 < Y \leq Y_{nc}$)

$\log(dY/dY_u) = [1-(1/3,0)] \log(Y/Y_u)$

1 10

$dY_{90}/dY_u=2,92, \gamma=3,0, 1/\gamma=1/3,0=0,33$

$dY_{18}/dY_u=1,00, S_n=115,49, D_n=-15,49$

$dY_{3,6}/dY_u=0,34, Y_n=100, dY_n=4,60$

0 1

$l^*_u=50, dY_u=4,60, dY_u/Y_u=0,2555$

$\log[(dY)/(dY)_u]=0, m_u=0,66$

application range

