

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

CIELABn7 relative

tristimulus value difference

$Y_{nc}=Y_{WRGBnc}=100, 21, 72, 7$

$\Delta Y/\Delta Y_u$

2
100

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

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

1
10

$dY_{90}/dY_u=2,62, \gamma=2,5, 1/\gamma=1/2,5=0,40$

$dY_{18}/dY_u=1,00, S_n=108,42, D_n=-8,42$

$dY_{3,6}/dY_u=0,37, Y_n=100, dY_n=4,57$

0
1

$t^*_u=46, dY_u=4,57, dY_u/Y_u=0,2543$

$\log[(dY)/(dY)_u]=0, m_u=0,59$

application
range

