

$\log(Y/\Delta Y)$

CIELABu7

tristimulus value contrast

$Y_{nc} = L^*_{wRGBnc} = 100, 52, 87, 31$

$C_r = (Y/\Delta Y)$

2 100

$T^*_{CIELABu7} = 59(Y/Y_u)^{1/2,5} - 9 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$

$\log(Y/dY) = -\log[2,5(Y_u/58)] + (1/2,5) \log(Y/Y_u)$

$= - (1/2,5) \log[2,5(Y_u/58)] + (1/2,5) \log(Y)$

1 10

$T^*_u = 50, dY_u = 4,27, Y_u/dY_u = 4$

$\log(Y/dY) = 0,62, m_u = 0,39$

0 1

application range

