

$\log(Y/\Delta Y)$

CIELABu0

tristimulus value contrast

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

$C_r = (Y/\Delta Y)$

2 100

$L^*_{CIELABu0} = 66(Y/Y_u)^{1/3,0} - 16 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$

$\log(Y/dY) = -\log[3,0(Y_u/65)] + (1/3,0) \log(Y/Y_u)$

$= -(1/3,0) \log[3,0(Y_u/65)] + (1/3,0) \log(Y)$

1 10

$L^*_u = 50, dY_u = 4,58, Y_u/dY_u = 3$

$\log(Y/dY) = 0,59, m_u = 0,33$

0 1

application
range

0,1

1

10

100

Y

-1

0

1

2

$\log(Y)$