

$\log(Y/\Delta Y)$

CIELABn6

tristimulus value contrast

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

$C_r=(Y/\Delta Y)$

2 100

$t^*_{CIELABn6}=116(Y/Y_n)^{1/3,0}-16 \quad (Y_n=100, Y_{nc}/100<Y\leq Y_{nc})$

$\log(Y/dY) = -\log[3,0(Y_u/115)] + (1/3,0) \log(Y/Y_u)$

$= -(1/3,0) \log[3,0(Y_u/115)] + (1/3,0) \log(Y)$

1 10

$t^*_u=50, dY_u=4,60, Y_u/dY_u=2$

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

0 1

$(Y/dY)_{90}=6,69, \gamma=3,0, 1/\gamma=1/3,0=0,33$

$(Y/dY)_{18}=3,91, S_n=115,49, D_n=-15,49$

$(Y/dY)_{3,6}=2,29, Y_n=100, dY_n=4,60$

application
range

0,1

1

10

100

$Y_u=18$

$Y_n=3,6$

$Y_W=90$

2

Y

-1

0

1

2

$\log(Y)$

3

4

5

6

7