

$\log(\Delta Y)$

IECsRGBu5

tristimulus value difference

$$Y_{nc} = L^* \mathbf{w}_{RGB} \mathbf{B}_{nc} = 100, 52, 87, 31$$

$$T^*_{IECsRGBu5} = 50 (Y/Y_u)^{1/2,4} \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$\log(dY) = (1/2,4) \log[2,4(Y_u/50)] + [1-(1/2,4)] \log(Y)$$

2
100

ΔY

$$T^*_u = 50, dY_u = 4,80, dY_u/Y_u = 0,2666$$

$$\log(dY) = 4,80, m_u = 0,58$$

0
1

-1
0,1

-2

-1

0

10

1

100

2

$Y_u = 18$

$Y_W = 90$

Y

$\log(Y)$

application
range