

$\log(\Delta Y)$

IECsRGBu8

tristimulus value difference

$Y_{nc}=Y_W$ **RGBnc=100, 21, 72, 7**

ΔY

2 100

$$t^*_{IECsRGBu8} = 50(Y/Y_u)^{1/1,6} \quad (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$\log(dY) = (1/1,6) \log[1,6(Y_u/50)] + [1-(1/1,6)] \log(Y)$$

1 10

$$t^*_{u}=50, dY_u=3,20, dY_u/Y_u=0,1777$$

$$\log(dY)=3,20, m_u=0,37$$

0 -1

$$dY_{90}=5,85, \gamma=1,6, 1/\gamma=1/1,6=0,62$$

$$dY_{18}=3,20, S_n=50, D_p=-9,00$$

$$dY_{3,6}=1,74, T_u=18, dY_u=3,20$$

application range

0,1

1

10

$Y_u=18$ 100

-2

-1

0

$Y_N=3,6$

1

$Y_W=90$

2

$\log(Y)$