

$\log(\Delta Y)$

IECsRGBu9

tristimulus value difference

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

ΔY

2 100

$$t^*_{IECsRGBu9} = 50(Y/Y_u)^{1/1,2} \quad (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$$

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

1 10

0 -1

$$t^*_{u}=50, dY_u=2,40, dY_u/Y_u=0,1333$$

$$\log(dY)=2,40, m_u=0,16$$

application range

-2

0,1

1

10

$Y_u=18 \quad 100 \quad Y$

$Y_N=3,6$

1

2

$\log(Y)$