

$\log(\Delta Y/\Delta Y_u)$

CIELABu9 relative  
tristimulus value difference  
 $Y_{nc}=Y_W$  **RGBnc=100, 21, 72, 7**

$\Delta Y/\Delta Y_u$

2-100

$$t^*_{\text{CIELABu9}} = 37(Y/Y_u)^{1/1,5} + 13 \quad (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$\log(dY/dY_u) = [1 - (1/1,5)] \log(Y/Y_u)$$

1-10

0-1

$$t^*_{u}=50, dY_u=4,05, dY_u/Y_u=0,2253$$

$$\log[(dY)/(dY)_u]=0, m_u=0,33$$

application  
range

