

$\log(\Delta Y/Y)$

CIELABu1

tristimulus value sensitivity

$Y_{nc} = L^*_{WRGBnc} = 100, 52, 87, 31$

$$S_r = (\Delta Y/Y)$$

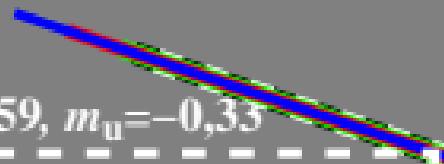
2  
100

$$L^*_{CIELABu1} = 66(Y/Y_u)^{1/3,0} - 16 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$\log(dY/Y) = \log[3,0(Y_u/65)] - (1/3,0) \log(Y/Y_u)$$

$$= (1/3,0) \log[3,0(Y_u/65)] - (1/3,0) \log(Y)$$

1  
10



application  
range

$$\log(dY/Y) = -0,59, m_u = -0,35$$

$$L^*_{u}=50, dY_u=4,58, dY_u/Y_u=0,2544$$

0  
1

