

$\log(\Delta Y)$

CIELABu2

tristimulus value difference

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

ΔY

2
100

$$l^*_{CIELABu2} = 59 \left(\frac{Y}{Y_u} \right)^{1/2,5} - 9 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$\log(dY) = (1/2,5) \log[2,5(Y_u/58)] + [1-(1/2,5)] \log(Y)$$

1
10

$$l^*_{u}=50, dY_u=4,27, dY_u/Y_u=0,2377$$

$$\log(dY)=4,27, m_u=0,59$$

0
-1

-1
-2

0,1

1

10

$Y_N=3,6$

$Y_u=18$

100

$Y_W=90$

application range

Y

$\log(Y)$