

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

LABJNDu1 relative  
tristimulus value difference

$Y_{nc}=Y_{wRGBnc}=100, 21, 72, 7$

$\Delta Y/\Delta Y_u$

2  
100

$$l^*_{LABJNDu1} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$l^*_{LABJNDu1} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

$$dY/dY_u = (A_{1n} + A_{2u}x) / (A_{1n} + A_{2u})$$

1  
10

0  
1  
 $l^*_u = 332, dY_u = 0,18, dY_u/Y_u = 0,0101$

$\log[(dY)/(dY)_u] = 0, m_u = 0,86$

application  
range

-1  
0,1 1 10 100  $l^*_u = 1$   $y$   
-2 -1 0  $x_N = 0,2$  1  $x_W = 5$  2  $\log(Y)$