

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

LABJNDu3 relative
tristimulus value difference

$Y_{nc} = L^* w_{RGB} Y_{nc} = 100, 52, 87, 31$

$\Delta Y/\Delta Y_u$

2 100

$$L^*_{LABJNDu3} = \ln(A_{1n} + A_{2n}Y)/(A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$L^*_{LABJNDu3} = \ln(A_{1n} + A_{2u}x)/(A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

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

1 10

0 1 $L^*_u = 496, dY_u = 0,12, dY_u/Y_u = 0,0067$

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

application
range

