

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

LABJNDu1 relative
tristimulus value difference

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

$\Delta Y/\Delta Y_u$

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

$$dY_{90}/dY_u = 4,43, A_{0n} = 1,5, A_{2u} = 0,1044, c_x = 1,00$$

$$dY_{18}/dY_u = 1,00, A_{1n} = 0,017, A_{2n} = 0,0058$$

$$dY_{3,6}/dY_u = 0,31, Y_u = 18, dY_u = 0,18$$

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

