

$\log(Y/\Delta Y)$

LABJNDu3

tristimulus value contrast

$Y_{nc}=Y_W \text{RGB}_{nc}=100, 21, 72, 7$

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

10000

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

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

$$Y/dY = Y / [A_{0n}(A_{1n} + A_{2n}Y)] = x Y_u / [A_{0n}(A_{1n} + A_{2u}x)]$$

3-1000

$$l^*_u = 1116, dY_u = 0,05, Y_u/dY_u = 331$$

$$\log(Y/dY) = 2,52, m_u = 0,13$$

2-100

$$(Y/dY)_{90} = 373,82, A_{0n} = 0,6666, A_{2u} = 0,0699, x_u = 0,67$$

$$(Y/dY)_{18} = 371,94, A_{1n} = 0,011, A_{2n} = 0,0038 \text{ application range}$$

$$(Y/dY)_{3,7} = 212,76, Y_u = 18, dY_u = 0,05$$

1

0,1

1

10

$x_u = 1$

100

$x_N = 0,2$

$x_W = 5$

2

-1

0

$\log(Y)$