

$\log(\Delta Y)$

LABJNDu4

tristimulus value difference

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

$\Delta Y$

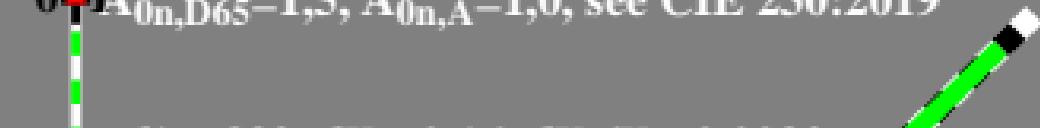
10

$$l^*_{\text{LABJNDu4}} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$l^*_{\text{LABJNDu4}} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

$$dY = A_{0n}(A_{1n} + A_{2n}Y) - A_{0n}(A_{1n} + A_{2u}x) \quad x = Y/Y_u$$

0  $A_{0n,D65}=1,5, A_{0n,A}=1,0$ , see CIE 230:2019



$$l^*_{\text{u}}=332, dY_{\text{u}}=0,16, dY_{\text{u}}/Y_{\text{u}}=0,0092$$

-1  $0, \log(dY)=0,16, m_{\text{u}}=0,93$

$$dY_{90}=0,79, A_{0n}=1,5, A_{2u}=0,4044, c_x=0,42 \quad \text{application range}$$

$$dY_{18}=0,16, A_{1n}=0,007, A_{2n}=0,0058$$

$$dY_{3,6}=0,04, Y_{\text{u}}=12, dY_{\text{u}}=0,16$$

$$0,1$$

$$1$$

$$10$$

$$x_u=1$$

$$100$$

$$Y$$

$$0$$

$$x_N=0,2$$

$$1$$

$$x_W=5$$

$$2$$

$$\log(Y)$$