

LABJNDu3 relative
tistimulus value contrast
 $Y_{nc}=Y_{wRGBnc}=100, 21, 72, 7$

$$Y_{nc} = Y_{W\text{RGB}nc} = 100, 21, 72, 7$$
$$I_{LABINDu3}^* = \ln(A_{1n} + A_{2n}Y)/(A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$
$$I_{LABINDU3}^* = \ln(A_{10} + A_{20}x)/(A_{20}A_{00}) \quad (x=Y/Y_0)$$
$$(Y/dY)/(Y/dY)_0 = [x/(A_{10} + A_{20}x)]/(A_{10} + A_{20})$$
$$(Y/dY)_{90}/(Y/dY)_{11}=1,12, A_{00}=0,6666, A_{20}=0,0699, c_x=0,67$$
$$(Y/dY)_{18}/(Y/dY)_{11}=1,00, A_{10}=0,011, A_{20}=0,0038$$
$$(Y/dY)_{3,6}/(Y/dY)_0=0,64, Y_0=18, dY_0=0,05$$
$$\log[(Y/dY)/(Y/dY)_u]=0, \quad m_u=0,13$$
$$I_{II}^* = 1116, dY_{II} = 0,05, Y_{II}/dY_{II} = 531$$

**application
range**

0.1

1

10

10

V

 $\log(Y)$

$\log [(Y/\Delta Y) / (Y/\Delta Y)_u]$ LABJNDu3 relative
 tistimulus value contrast
 $C_r/C_{ru}=(Y/\Delta Y)/(Y/\Delta Y)_u$ $Y_{nc}=Y_{WRGBnc}=100, 21, 72, 7$
 $I^*_{LABJNDu3}=\ln(A_{1n}+A_{2n}Y)/(A_{2n}A_{0n})$ ($Y_{nc}/100<Y\leq Y_{nc}$)
 $I^*_{LABJNDu3}=\ln(A_{1n}+A_{2u}x)/(A_{2u}A_{0n})$ ($x=Y/Y_u$)
 $(Y/dY)/(Y/dY)_u=[x/(A_{1n}+A_{2u}x)]/(A_{1n}+A_{2u})$
 $(Y/dY)_{90}/(Y/dY)_u=1,12, A_{0n}=0,6666, A_{2u}=0,0699, c_x=0,67$
 $(Y/dY)_{18}/(Y/dY)_u=1,00, A_{1n}=0,011, A_{2n}=0,0038$
 $(Y/dY)_{3,6}/(Y/dY)_u=0,64, Y_u=18, dY_u=0,05$
 $\log[(Y/dY)/(Y/dY)_u]=0, m_u=0,13$
 $I^*_u=1116, dY_u=0,05, Y_u/dY_u=331$
 application range
 $x_N=0,2$ $x_W=5$ $x_u=1$
 -2 -1 0 1 2 $\log(Y)$