

CIELABu3 relative
tistimulus value contrast

$$C_r/C_{ru}=(Y/\Delta Y)/(Y/\Delta Y)_u \quad Y_{nc}=L^*_{wRGB_{nc}}=100, 52, 87, 31$$

$$L^*_{\text{CIE LAB}_{113}} = 50(Y/Y_{113})^{1/2,0} + 1 \quad (Y_{113} = 18, Y_{90}/100 < Y \leq Y_{90})$$

$$\log[(Y/dY)/(Y/dY)_u] = (1/2,0) \log(Y/Y_u)$$

1-10

$$(Y/dY)_{\text{eq}}/(Y/dY)_{\text{II}}=2,23, \gamma=2,0, 1/\gamma=1/2,0=0,50$$
$$(Y/dY)_{18}/(Y/dY)_{11}=1,00, \dot{S}_n=49,21, D_n=0,78$$
$$(Y/dY)_{36}/(Y/dY)_{11}=0,44, \ddot{Y}_{11}=18, dY_{11}=4,06$$
$$\log[(Y/dY)/(Y/dY)_u]=0, m_u=0,49$$
$$L^*_u=50, dY_u=4,06, Y_u/dY_u=4$$

application range

0.1

1

10

Y

$$Y_{\infty} = 18100 \text{ V}$$

V



1

Y

 $\log(Y)$

BEX31-8A