IECsRGBu3
tristimulus value contrast
$Y_{nc} = Y_{W}$RGBnc$=100, 21, 12, 7$

$\log (Y/\Delta Y)$

$C_P = (Y/\Delta Y)$

$2 \cdot 100$

$l^*_{\text{IECsRGBu3}} = 50 (Y/Y_u)^{1/1,6} \ (Y_u = 18, \ Y_{nc}/100 < Y <= Y_{nc})$

$\log(Y/dY) = -\log[1,6(Y_u/50)] + (1/1,6) \log(Y/Y_u)$
$\qquad = -(1/1,6) \log[1,6(Y_u/50)] + (1/1,6)\log(Y)$

$1 \cdot 10$

$l^*_u = 50, \ dY_u = 3,20, \ Y_u/dY_u = 5$

$\log(Y/dY) = 0,75, \ m_u = 0,62$

$0 \cdot 1$

$(Y/dY)_{90} = 15,38, \ \gamma^* = 1,6, \ 1/\gamma = 1/1,6 = 0,62$
$(Y/dY)_{18} = 5,02, \ S_u = 50,00, \ D_u = -0,00$
$(Y/dY)_u = 2,06, \ Y_u = 18, \ dY_u = 3,20$

application range

-1

$\qquad\qquad 1 \qquad 10 \quad Y_u = 18 \quad 100 \ Y$

$Y_N = 3,6 \quad 1 \quad Y_W = 90$

$-1 \qquad\qquad -1 \qquad\qquad 0 \qquad\qquad 1 \qquad\qquad 2 \quad \log(Y)$

$-2 \qquad\qquad -1$

BEV30−7A