IECsRGBu1
tristimulus value contrast
$Y_{nc} = L^* w_{R}$ $B_{nc} = 100, 52, 83, 31$

$\log (Y/\Delta Y)$

$C_P = (Y/\Delta Y)$

$2 \cdot 100$

$L^*_{IECsRGBu1} = 50 (Y/Y_u)^{1/2,4}$ $(Y_u = 18, Y_{nc}/100 < Y <= Y_{nc})$

$\log(Y/dY) = -\log[2,4(Y_u/50)] + (1/2,4) \log(Y/Y_u)$
$= -(1/2,4) \log[2,4(Y_u/50)] + (1/2,4) \log(Y)$

$1 \cdot 10$

$L^*_u = 50, dY_u = 4,80, Y_u/dY_u = 3$

$\log(Y/dY) = 0,57, m_u = 0,41$

$0 \cdot 1$

$(Y/dY)_{90} = 7,55, \gamma = 2,4, 1/\gamma = 1/2,4 = 0,41$
$(Y/dY)_{18} = 3,74, S_u = 50,00, D_u = -0,00$
$(Y/dY)_{3,6} = 1,92, Y_u = 18, dY_u = 4,80$

application range

-1

| 0,1 | 1 | 10 | $Y_u = 18$ | 100 Y |

$Y_N = 3,6$ $Y_W = 90$

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

BEV11-7A