

$\log(\Delta Y)$

IECsRGBu4

tristimulus value difference

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

$\Delta Y$

2 100

$l^*_{IECsRGBu4} = 50 (Y/Y_u)^{1/1,2} (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$

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

1 10

$l^*_u = 50, dY_u = 2,40, dY_u/Y_u = 0,1333$

$\log(dY) = 2,40, m_n = 0,1333$

$dY_{90} = 3,13, \gamma = 1,2, 1/\gamma = 1/1,2 = 0,83$

$dY_{18} = 2,40, S_n = 50,00, D_n = -0,00$

$dY_{3,6} = 1,83, Y_u = 18, dY_u = 2,40$

application range

