

$\log(\Delta Y)$

IECsRGBu0

Normfarbwertdifferenz

$Y_{nc} = Y_W$  RGB<sub>nc</sub> = 100, 21, 72, 7

$\Delta Y$

2 100

$l^*_{IECsRGBu0} = 50 (Y/Y_u)^{1/2,4} \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$

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

1 10

$l^*_u = 50, dY_u = 4,80, dY_u/Y_u = 0,2666$

$\log(dY) = 4,80, m_u = 0,58$

0 1

$dY_{90} = 12,27, \gamma = 2,4, 1/\gamma = 1/2,4 = 0,4$

$dY_{18} = 4,80, \sigma_n = 50,00, D_n = -0,00$

$dY_{3,6} = 1,87, Y_u = 18, dY_u = 4,80$

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Anwendungs-  
bereich

0,1

1

10

$Y_u = 18$

100

$Y$

-1

0

$Y_N = 3,6$

1

$Y_W = 90$

2

$\log(Y)$