

$\log(Y/\Delta Y)$

IECsRGBu8

Normfarbwertkontrast

$Y_{nc} = Y_{WRGBnc} = 100, 21, 72, 7$

$C_r = (Y/\Delta Y)$

2  
100

$t^*_{IECsRGBu8} = 50 (Y/Y_u)^{1/1,6} \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$

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

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

1  
10

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

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

0  
1

$(Y/dY)_{90} = 15,38, \gamma = 1,6, 1/\gamma = 1/1,6 = 0,62$

$(Y/dY)_{18} = 5,62, S_n = 50,00, D_n = -0,00$

$(Y/dY)_{3,6} = 2,06, Y_u = 18, dY_u = 3,20$

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Anwendungs-  
bereich

0,1

1

10

100

$Y_u = 18$

100

$Y$

-2

-1

0

$Y_N = 3,6$

1

$Y_W = 90$

2

$\log(Y)$