

$\log(Y/\Delta Y)$

IECsRGBu0

Normfarbwertkontrast

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

$$C_r = (Y/\Delta Y)$$

100

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

$$\begin{aligned} \log(Y/dY) &= -\log[2,4(Y_u/50)] + (1/2,4) \log(Y/Y_u) \\ &= -(1/2,4) \log[2,4(Y_u/50)] + (1/2,4) \log(Y) \end{aligned}$$

10

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

0

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

-1
-2

0,1
-1

1
0

10
1

100
1

$Y_u = 18$

$Y_W = 90$

2

Y

Anwendungs-
bereich