

$\log(\Delta Y)$

IECsRGBu2

Normfarbwertdifferenz

$$Y_{nc} = L^* \mathbf{w}_{RGB} \mathbf{b}_{nc} = 100, \text{ 52, 87, 31}$$

$$L^*_{IECsRGBu2} = 50 (Y/Y_u)^{1/2,0} \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$\log(dY) = (1/2, 0) \log[2, 0 (Y_u/50)] + [1 - (1/2, 0)] \log(Y)$$

2
100

1
10

0
1

$$L^*_u = 50, dY_u = 4,00, dY_u/Y_u = 0,2222$$

$$\log(dY) = 4,00, m_u = 0,50$$

Anwendungsbereich

0,1

1

10

$Y_u = 18$

100

Y

$Y_N = 3,6$

1

$Y_W = 90$

2

$\log(Y)$