

$$\log [(Y/\Delta Y) / (Y/\Delta Y)_u]$$

IECsRGBu0 relativer
Normfarbwertkontrast

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

$$C_r/C_{ru} = (Y/\Delta Y) / (Y/\Delta Y)_u$$

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

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

2
100

$$(Y/dY)_{90} / (Y/dY)_u = 1,95, \gamma = 2,4, 1/\gamma = 1/2,4 = 0,41$$

$$(Y/dY)_{18} / (Y/dY)_u = 1,00, S_n = 50,00, D_n = -0,00$$

$$(Y/dY)_{3,6} / (Y/dY)_u = 0,51, Y_u = 18, dY_u = 4,80$$

1
10
0
1

$$\log[(Y/dY)/(Y/dY)_u] = 0, m_u = 0,41$$

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

Anwendungs-
bereich

0,1

1

10

100

$Y_u = 18$ 100 Y

-2

-1

0

1

2

$Y_N = 3,6$ $Y_W = 90$ log(Y)