

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

CIE LABu6 relativer
Normfarbwertkontrast

2
100

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

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

$$t^*_{CIE LABu6} = 66 (Y/Y_u)^{1/3,0} - 16 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$\log[(Y/dY)/(Y/dY)_u] = (1/3,0) \log(Y/Y_u)$$

1
10

0
1

$\log[(Y/dY)/(Y/dY)_u] = 0, m_s = 0,53$

$t^*_u = 50, dY_u = 4,56, Y_u/dY = 2$

Anwendungs-
bereich

-1
-2

0,1
-1

1
0

10
1

$Y_u = 18$

100
2

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