

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

CIE LABu7 relativer  
Normfarbwertkontrast

$$C_r/C_{ru} = (Y/\Delta Y) / (Y/\Delta Y)_u \quad Y_{nc} = Y_{WRGBnc} = 100, 21, 72, 7$$

2-100

$$t^*_{CIE LABu7} = 59 (Y/Y_u)^{1/2,5} - 9 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$\log [(Y/dY) / (Y/dY)_u] = (1/2,5) \log (Y/Y_u)$$

1-10

0-1

$$\log [(Y/dY) / (Y/dY)_u] = 0, \quad m_u = 0,39$$

$$t^*_u = 50, \quad dY_u = 4,27, \quad Y_u / Y_{nc} = 4$$

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Anwendungs-  
bereich

0,1

1

10

100

$Y_u = 18$

Y

-2

-1

0

$Y_N = 3,6$

1

10

$Y_W = 90$

2

$\log(Y)$