

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

CIELABn4 relative

Normfarbwertempfindlichkeit

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

$$S_r/S_{ru}=(\Delta Y/Y)/(\Delta Y/Y)_u$$

2 100

$$l^*_{CIELABn4}=87(Y/Y_n)^{1/1,5}+13 \quad (Y_n=100, Y_{nc}/100<Y\leq Y_{nc})$$

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

1 10

$$(dY/Y)_{90}/(dY/Y)_u=0,34, \gamma=1,5, 1/\gamma=1/1,5=0,66$$

$$(dY/Y)_{18}/(dY/Y)_u=1,20, S_n=86,98, D_n=13,01$$

$$(dY/Y)_{3,6}/(dY/Y)_u=2,91, Y_n=100, dY_n=5,40$$

Anwendungsbereich

0 1

$$\log[(dY/Y)/(dY/Y)_u]=0, m_u=-0,66$$

$$l^*_u=41, dY_u=5,40, dY_u/Y_u=0,3005$$

0,1

1

10

18

100

Y

-1

0

1

2

log(Y)