

$\log(\Delta Y/\Delta Y_u)$

CIELABu3 relative
Normfarbwertdifferenz

$$Y_{nc} = L^* W_{RGBnc} = 100, 52, 87, 31$$

$\Delta Y/\Delta Y_u$

2 100

$$L^*_{CIELABu3} = 50 (Y/Y_u)^{1/2,0} + 1 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

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

1 10

0 1 $L^*_u = 50, dY_u = 4,06, dY_u/Y_u = 0,2257$

$\log[(dY)/(dY)_u] = 0, m_u = 0,50$

Anwendungs-
bereich

