

$\log(\Delta Y)$

CIELABu0

Normfarbwertdifferenz

$$Y_{nc} = L^*_{WRGBnc} = 100, 52, 87, 31$$

$\Delta Y$

2 100

$$L^*_{CIELABu0} = 66(Y/Y_u)^{1/3,0} - 16 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$\log(dY) = (1/3,0) \log[3,0(Y_u/65)] + [1 - (1/3,0)] \log(Y)$$

1 10

$$L^*_u = 50, dY_u = 4,58, dY_u/Y_u = 0,2544$$

$$\log(dY) = 4,58, m_u = 0,66$$

0 1

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Anwendungs-  
bereich

-1 0,1 1 10 100  $Y_u = 18$  100  $Y$   
-2 -1 0  $Y_N = 3,6$  1  $Y_W = 90$  2  $\log(Y)$