

$\Delta Y / \Delta Y_u$ 

# CIELAB-Normfarbwertdifferenz

 $\Delta Y / \Delta Y_u$  $\Delta Y$  normiert für  $\Delta Y_u$ 

$$L^* = s(Y/Y_n)^n - d \quad (Y_n=100, Y_u=18, s=116,0, n=1/3, d=16,0) \quad [1a]$$

$$L^* = r(Y/Y_u)^n - d \quad (r = s(Y_u/Y_n)^n = 65,49, L^*_u = r - d = 49,4) \quad [1b]$$

$$dY = [Y_n / (n s)] (Y / Y_n)^{1-n} \quad [2c]$$

$$dY_u = [Y_n / (n s)] (Y_u / Y_n)^{1-n} = 1,4602 \quad [2d]$$

$$dY / dY_u = (Y / Y_u)^{1-n} \quad [2e]$$

6

4

2

0

$$m_{u90_4} = 0,024, f_{90}=2, f_4=0$$

$$m_u = 0,029$$

Anwendungsbereich

0,1 0,143

1

10

100

100

 $Y$   
log  $Y$ 

3,089