

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

CIE Y-Kontrast  
normiert für  $(Y/\Delta Y)_u$

$C_r/C_{ru} = (Y/\Delta Y)/(Y/\Delta Y)_u$  LABJND & CIEDE2000

Y-Kontrast nach CIEDE2000

$$\log[(Y/\Delta Y)/(Y/\Delta Y)_u] = (1/3) \log((Y/Y)_u)$$

$$L^*_u = 50, Y_u = 18, dY_u = 0,83$$

1

10

$$L^*_u = 50, Y_u = 18, dY_u = 0,83, (Y/dY)_u = 22$$

$$\log[(Y/dY)_u / (Y/dY)_u] = 0, m_u = 0,18$$

$m_{u+} =$

0,13

0

1

Anwendungsbereich

$m_{u-} = 0,14$

0,1

1

10

$Y_u = 18 \quad 100 Y$

-1

-2

-1

0

1

2

$\log Y$