

$\log(Y/\Delta Y)$

$\log(S_r) \quad S_r = (Y/\Delta Y)$

IECsRGBJND-  
Normfarbwertkontrast

4-10000

$$L^*_{\text{IECsRGBJND}} = 450 (Y/Y_n)^{1/7,2}$$

IECsRGBJND-Normfarbwertkontrast

3-1000

$$\begin{aligned} \log(Y/dY) &= \log[(1/7,2) (100/Y_n)] + (1/7,2) \log(Y/Y_n) \\ &= \log[(1/7,2) 100/(Y_n^{1/7,2})] + (1/7,2) \log(Y) \end{aligned}$$

$$L^*_u = 449, Y_u = 18, dY_u = 0,28, Y_u/dY_u = 62$$

$$2-100 \log(Y/dY) = 1,79, m_u = 0,14$$

1

0,1

1

$Y_N = 4$

10

$Y_u = 18$

100  $Y$

-2

-1

0

1

2

$\log(Y)$

Anwendungs-  
bereich