

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

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

$$S_r/S_{ru} = (\Delta Y/Y) / (\Delta Y/Y)_u \text{ LABJND \& CIEDE2000}$$

Y-Empfindlichkeit nach CIEDE2000

$$\log(dY/Y)/(dY/Y)_u] = (-1/3) \log(Y/Y_u)$$

1
10

$$m_{u-} = -0,14$$

Anwendungsbereich
m_{u+} = -0,13

0
1

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

$$Y_u = 18, dY_u = 0,83, (dY/Y_u) = 0,045$$

0,1

1

10

Y_u = 18

100

Y

-2

-1

0

1

2