

**LABJNDu1 relativer
Normfarbwertkontrast**

$$C_F/C_{F0} = (Y/\Delta Y)/(Y/\Delta Y)_0$$

$$Y_{nc} = Y_{WRGB_{nc}} = 100, 21, 72, 7$$

2+100

$$I_{LABIND_{01}}^* = \ln(A_{10} + A_{20}Y)/(A_{20}A_{00}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$I_{\text{LABIND}}^* = \ln(A_{10} + A_{20}x) / (A_{20}A_{00}) \quad (x = Y/Y_0)$$

$$(Y/dY)/(Y/dY)_0 = [x/(A_{10} + A_{20}x)]/(A_{10} + A_{20})$$

1-10

$$(Y/dY)_{90}/(Y/dY)_{11}=1,12, A_{00}=1,5, A_{20}=0,1044, c_Y=1,00$$

$$(Y/dY)_{18}/(Y/dY)_{11}=1,00, A_{10}=0,017, A_{20}=0,0058$$

$$(Y/dY)_{3,6}/(Y/dY)_u=0,64, Y_u=18, dY_u=0,18$$

$$\log[(Y/dY)/(Y/dY)_u]=0, m_u=0,13$$

$$I_u^* = 332, dY_u = 0,18, Y_u/dY = 50$$

Anwendungsbereich

0.1

1

10

10

1

1

2

$\log(Y)$

$$x_N = 0,$$

$$X_W = \begin{bmatrix} 1 \\ 0 \\ 0 \end{bmatrix}$$