

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

CIELABu6 relativer
Normfarbwertkontrast

$$C_r/C_{ru} = (Y/\Delta Y) / (Y/\Delta Y)_u \quad Y_{nc} = Y_W \text{RGB}_{nc} = 100, 21, 72, 7$$

2 100

$$t^*_{\text{CIELABu6}} = 66(Y/Y_u)^{1/3,0} - 16 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$\log[(Y/dY)/(Y/dY)_u] = (1/3,0) \log(Y/Y_u)$$

1 10

$$(Y/dY)_{90}/(Y/dY)_u = 1,70, \gamma = 3,0, 1/\gamma = 1/3,0 = 0,33$$

$$(Y/dY)_{18}/(Y/dY)_u = 1,00, S_n = 65,49, D_n = -15,49$$

$$(Y/dY)_{3,6}/(Y/dY)_u = 0,58, Y_u = 18, dY_u = 4,58$$

0 1

$$\log[(Y/dY)/(Y/dY)_u] = 0, m_u = 0,33$$

$$t^*_{u=50} = 50, dY_p = 4,58, Y_p/dY_p = 2$$

$$t^*_{u=18} = 18, dY_p = 4,58, Y_p/dY_p = 2$$

$$t^*_{u=72} = 72, dY_p = 4,58, Y_p/dY_p = 2$$

$$t^*_{u=7} = 7, dY_p = 4,58, Y_p/dY_p = 2$$

Anwendungs-
bereich

Anwendungs-
bereich

Anwendungs-
bereich

0,1

1

10

$Y_u = 18 \quad 100 \quad Y$

0

1

10

1

10

1

10

1

10

1

10

1

10

1

10

1

10

1

10

1

10

1

10

1

10

1