

$\log(\Delta Y/\Delta Y_u)$

relative CIE tristimulus
value Y difference

$\Delta Y/\Delta Y_u$

2

100

$$L^* = (A_0/A_2) \ln(A_1 + A_2 \cdot Y)$$

$$A_0 = 1,00 \quad A_1 = 0,0170 \quad A_2 = 0,0058$$

relative tristimulus value Y difference

1

10

$$\log(dY/dY_u) = \log(A_1 + A_2 \cdot Y)$$

$$- \log(A_1 + A_2 \cdot Y_u)$$

$$Y_u = 18, dY_u = 0,12, dY_u/Y_u = 0,0067$$

$$\log[(dY)/(dY_u)] = 0, m_u = 0,86$$

0

1

application
range

$Y_u = 18 \quad 100$

Y

$\log(Y)$

-1

-2

0,1

-1

0

10

1

2