

$\log \Delta Y$

LABJNDu1-

tristimulus value difference

with $Y_n=L^*$ **WRGBn**=100, 52, 87, 31

ΔY

1

$$T^*_{\text{LABJNDu1}} = A_{2n} [\ln[(A_{1n} + A_{2n}Y)/A_{2n}]] \quad (Y_n/100 < Y \leq Y_n)$$

LABJNDu1-tristimulus value difference

$$(dY) = A_{0n}(A_{1n} + A_{2n}Y)/A_{2n}, \quad A_{1n}=0,017, \quad A_{2n}=0,0058, \quad A_0=1$$

$$\frac{dY}{Y_n} = \frac{A_{0n}(A_{1n} + A_{2n}Y_n)/A_{2n}}{Y_n} = \frac{0,017(0,017 + 0,0058 \cdot 100)}{100} = 0,00058 = 0,666$$

-1

$$dY_{18}=0,05, \quad A_{0n}=0,666, \quad A_{1n}=0,011, \quad A_{2n}=0,003$$

$$dY_{04}=0,01$$

$$dY_{03}=0,01$$

$$dY_u=0,05$$

-1,0

$$T^*_u = -439, \quad dY_u=0,05, \quad dY_u/Y_u=0,0029$$

$$\log(dY)=0,05, \quad m_u=0,85$$

application range

0,1

-2

-1

0

4

10

18

100

Y

$\log(Y)$