$\log(\Delta Y)$

LABJNDu1
tristimulus value difference
$Y_{nc}=L^*w_{R}_{G}_{B}_{nc}=100, 52, 87, 31$

ΔY

1.0

$L^*_{LABJNDu1}=\ln(A_{1n}+A_{2n}Y)/(A_{2n}A_{0n})$ $(Y_{nc}/100<Y<=Y_{nc})$

$L^*_{LABJNDu1}=\ln(A_{1n}+A_{2n}x)/(A_{2n}A_{0n})$ $(x=Y/Y_u)$

$dY=A_{0n}(A_{1n}+A_{2n}Y)=A_{0n}(A_{1n}+A_{2n}x)$ $x=Y/Y_u$

0.0 $A_{0n,D65}=1,5, A_{0n,A}=1,0$, see CIE 230:2019

$L^*_u=332, dY_u=0,18, dY_u/Y_u=0,0101$

-1.0 **0,log(dY)=0,18, m_u=0,85**

$dY_{90}=0,80, A_{0n}=1,5, A_{1n}=1044, c_x=1,00$
$dY_{18}=0,18, A_{2n}=0,0058$

application range

$dY_{3,6}=0,05, Y_u=18, dY_0=0,18$

$x_N=0,2$ $x_N=1$

1 10 $x_W=5$ 100 Y

-2 -1 0 1 2 $\log(Y)$

CEG11−3A