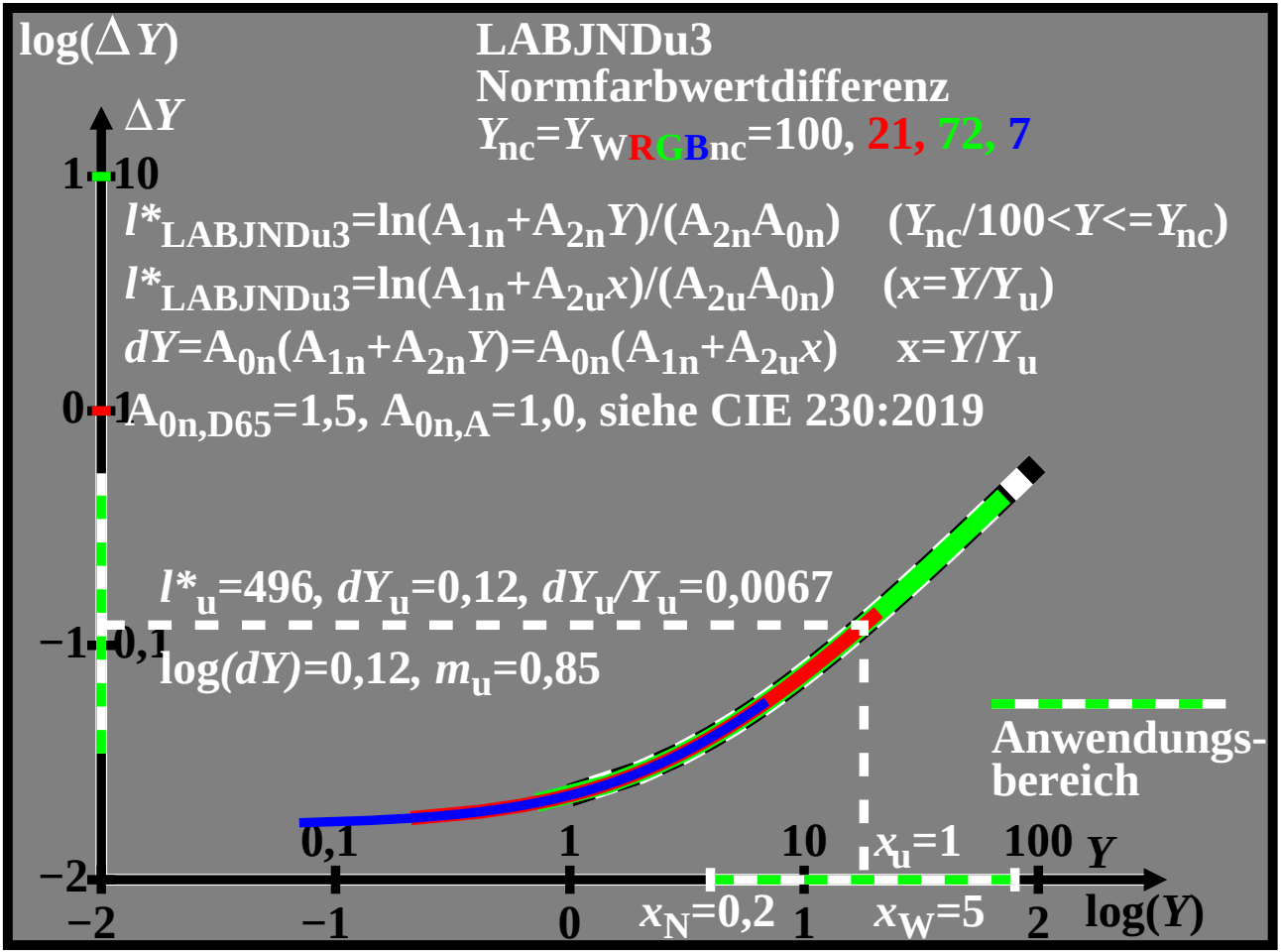
log(ΔY)
LABJNDu3
Normfarbwertdifferenz
Ync=YWRGBnc=100, 21, 72, 7
ΔY
1 10
l*LABJNDu3=ln(A1n+A2nY)/(A2nA0n) (Ync/100<Y<=Ync)
l*LABJNDu3=ln(A1n+A2ux)/(A2uA0n) (x=Y/Yu)
dY=A0n(A1n+A2nY)=A0n(A1n+A2ux) x=Y/Yu
0 1 A0n,D65=1,5, A0n,A=1,0, siehe CIE 230:2019
l*u=496, dYu=0,12, dYu/Yu=0,0067
−1 0,1 log(dY)=0,12, mu=0,85
Anwendungs-
bereich
0,1 1 10 xu=1 100 Y
−2
−2 −1 0 xN=0,2 1 xW=5 2 log(Y)

CGC30−3A