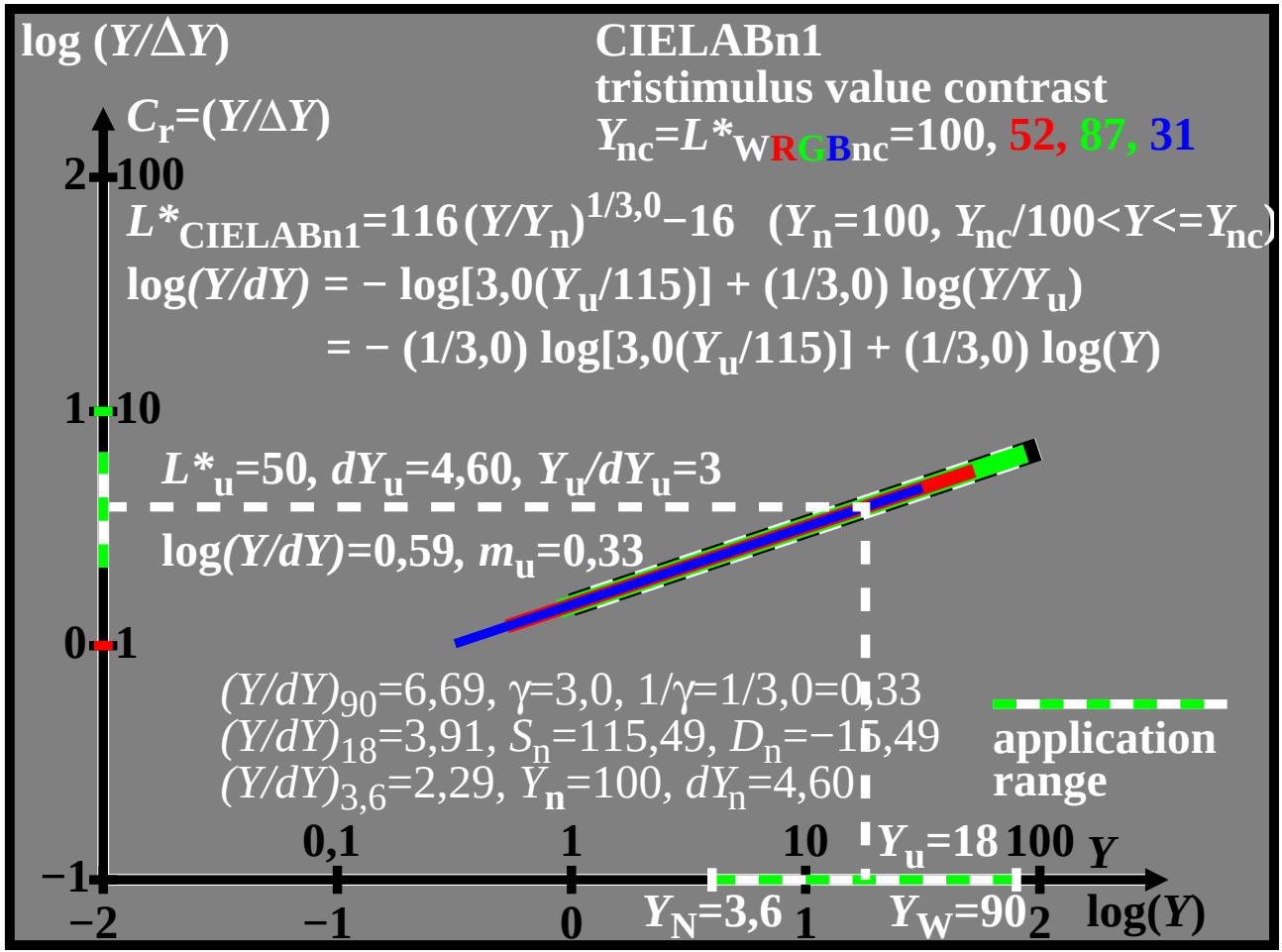
log (Y/ΔY)
CIELABn1
tristimulus value contrast
Ync=L*WRGBnc=100, 52, 87, 31
Cr=(Y/ΔY)
2 100
L*CIELABn1=116 (Y/Yn)1/3,0−16 (Yn=100, Ync/100<Y<=Ync)
log(Y/dY) = − log[3,0(Yu/115)] + (1/3,0) log(Y/Yu)
= − (1/3,0) log[3,0(Yu/115)] + (1/3,0) log(Y)
1 10
L*u=50, dYu=4,60, Yu/dYu=3
log(Y/dY)=0,59, mu=0,33
0 1
(Y/dY)90=6,69, γ=3,0, 1/γ=1/3,0=0,33
(Y/dY)18=3,91, Sn=115,49, Dn=−15,49
(Y/dY)3,6=2,29, Yn=100, dYn=4,60
application range
0,1 1 10 Yu=18 100 Y
−1
−2 −1 0 YN=3,6 1 YW=90 2 log(Y)

BEZ11−7A