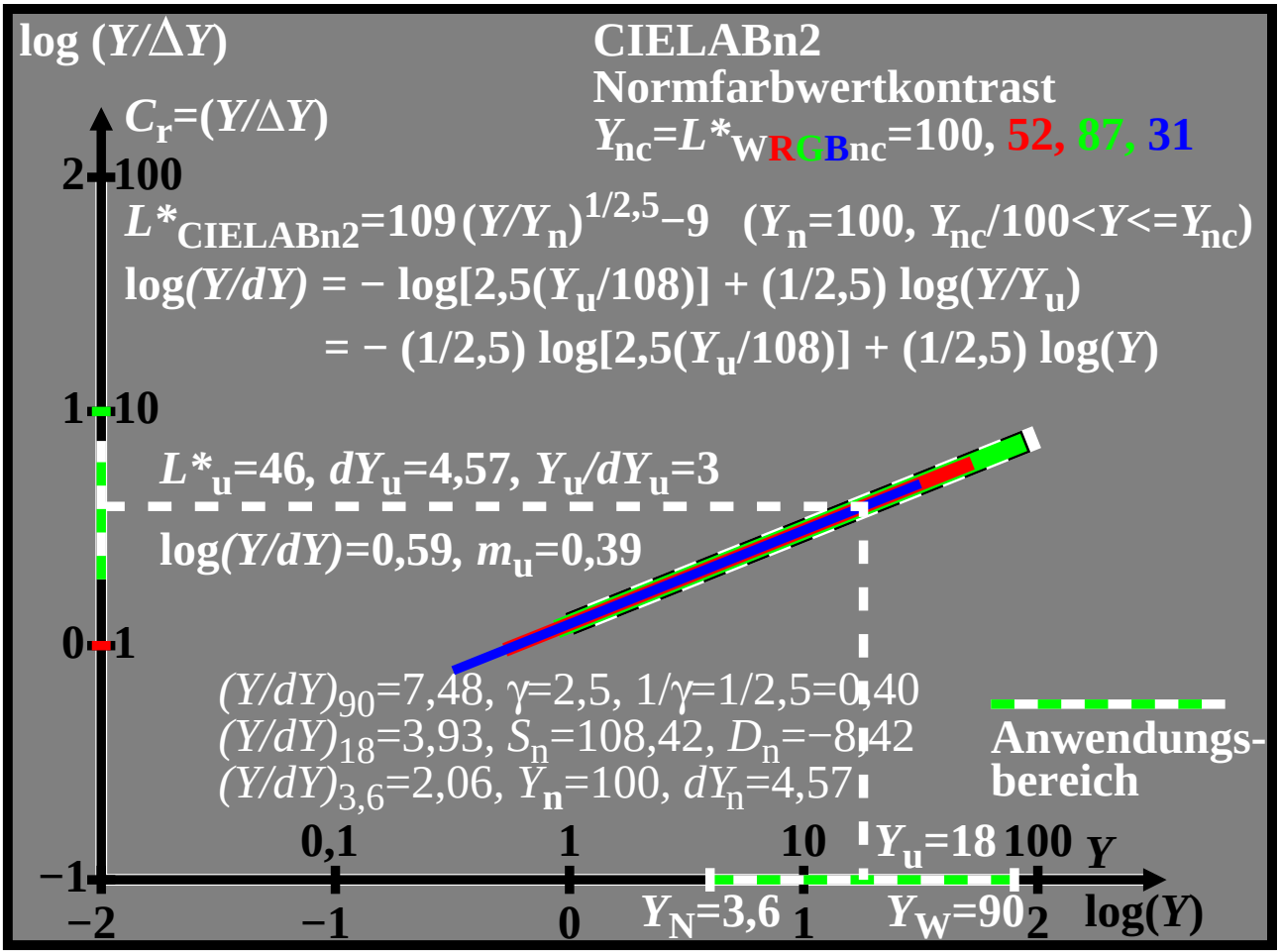
log (Y/ΔY)
CIELABn2
Normfarbwertkontrast
Ync=L*WRGBnc=100, 52, 87, 31
Cr=(Y/ΔY)
2 100
L*CIELABn2=109 (Y/Yn)1/2,5−9 (Yn=100, Ync/100<Y<=Ync)
log(Y/dY) = − log[2,5(Yu/108)] + (1/2,5) log(Y/Yu)
= − (1/2,5) log[2,5(Yu/108)] + (1/2,5) log(Y)
1 10
L*u=46, dYu=4,57, Yu/dYu=3
log(Y/dY)=0,59, mu=0,39
0 1
(Y/dY)90=7,48, γ=2,5, 1/γ=1/2,5=0,40
(Y/dY)18=3,93, Sn=108,42, Dn=−8,42
(Y/dY)3,6=2,06, Yn=100, dYn=4,57
Anwendungs-
bereich
0,1 1 10 Yu=18 100 Y
−1 YN=3,6 YW=90
−2 −1 0 1 2 log(Y)

BGZ21−7A