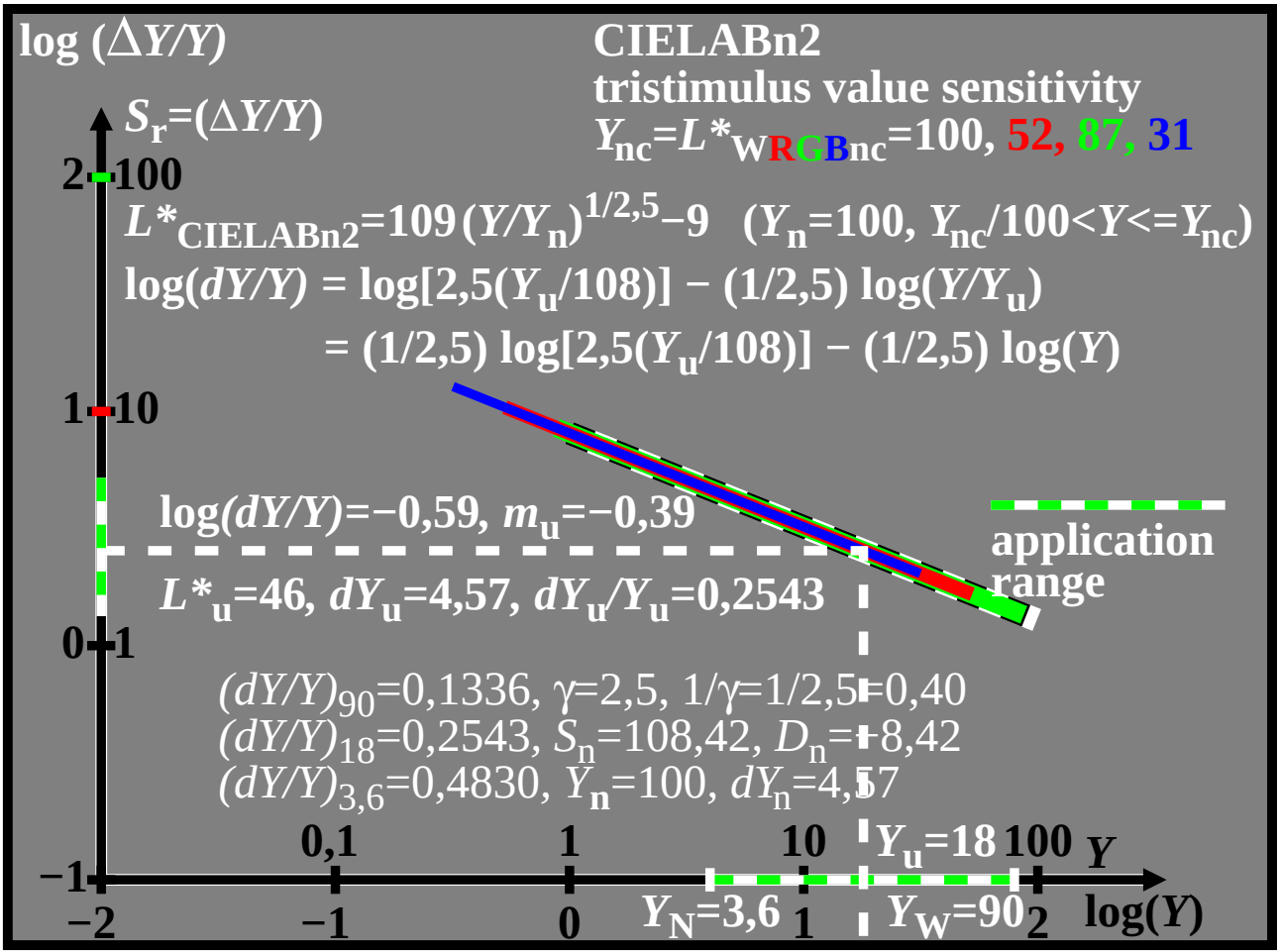
log (ΔY/Y)
CIELABn2
tristimulus value sensitivity
Ync=L*WRGBnc=100, 52, 87, 31
Sr=(ΔY/Y)
2 100
L*CIELABn2=109 (Y/Yn)1/2,5−9 (Yn=100, Ync/100<Y<=Ync)
log(dY/Y) = log[2,5(Yu/108)] − (1/2,5) log(Y/Yu)
= (1/2,5) log[2,5(Yu/108)] − (1/2,5) log(Y)
1 10
log(dY/Y)=−0,59, mu=−0,39
application range
L*u=46, dYu=4,57, dYu/Yu=0,2543
0 1
(dY/Y)90=0,1336, γ=2,5, 1/γ=1/2,5=0,40
(dY/Y)18=0,2543, Sn=108,42, Dn=+8,42
(dY/Y)3,6=0,4830, Yn=100, dYn=4,57
0,1 1 10 Yu=18 100 Y
−1
YN=3,6 YW=90
log(Y)
−2 −1 0 1 2

BEZ21−5A