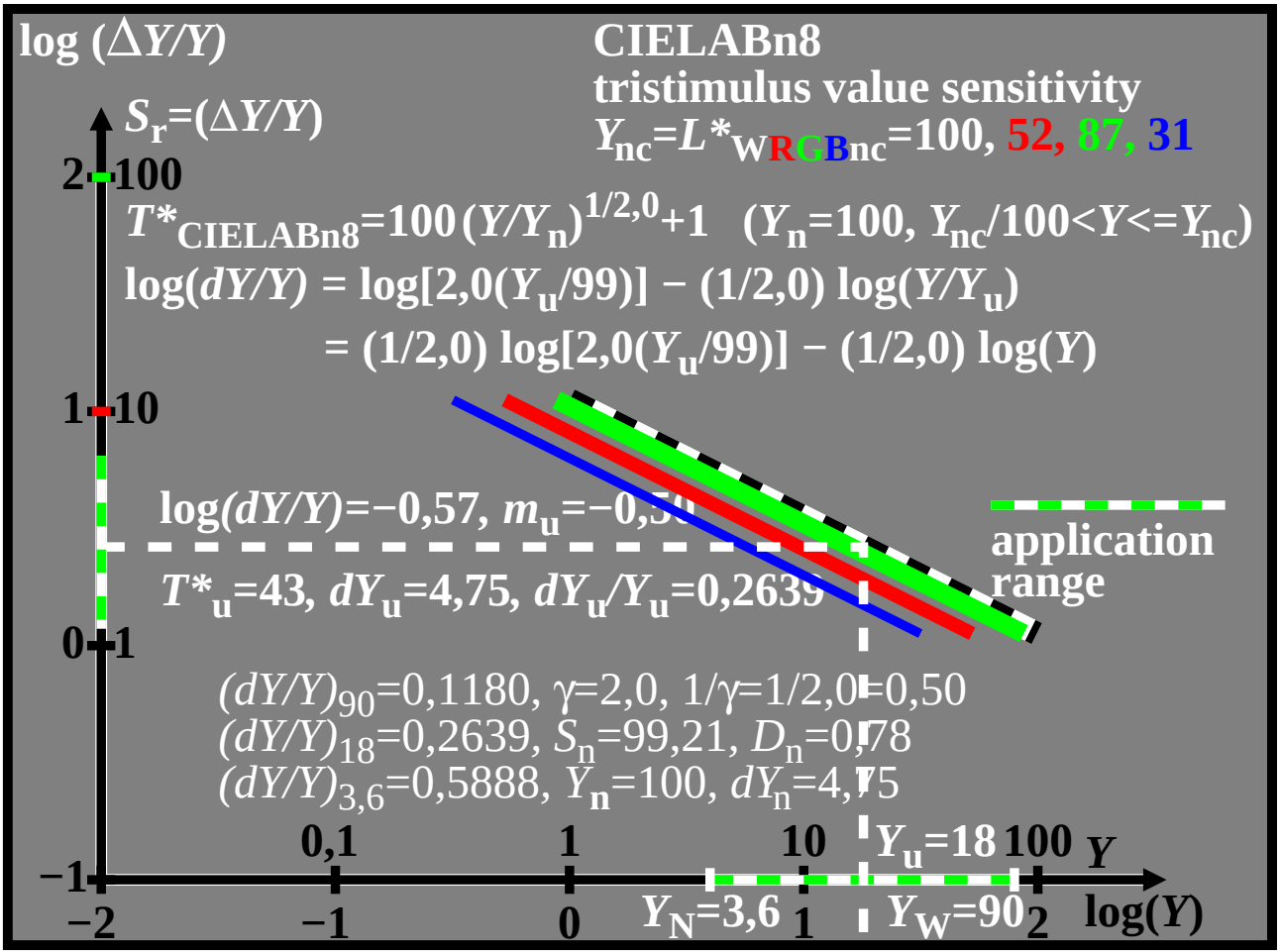
log (ΔY/Y)
CIELABn8
tristimulus value sensitivity
Ync=L*WRGBnc=100, 52, 87, 31
Sr=(ΔY/Y)
2 100
T*CIELABn8=100 (Y/Yn)1/2,0+1 (Yn=100, Ync/100<Y<=Ync)
log(dY/Y) = log[2,0(Yu/99)] − (1/2,0) log(Y/Yu)
= (1/2,0) log[2,0(Yu/99)] − (1/2,0) log(Y)
1 10
log(dY/Y)=−0,57, mu=−0,5
application range
T*u=43, dYu=4,75, dYu/Yu=0,2639
0 1
(dY/Y)90=0,1180, γ=2,0, 1/γ=1/2,0=0,50
(dY/Y)18=0,2639, Sn=99,21, Dn=0,78
(dY/Y)3,6=0,5888, Yn=100, dYn=4,75
0,1
1
10
Yu=18
100
Y
−1
−2
−1
0
YN=3,6
1
YW=90
2
log(Y)

BEZ81−5A