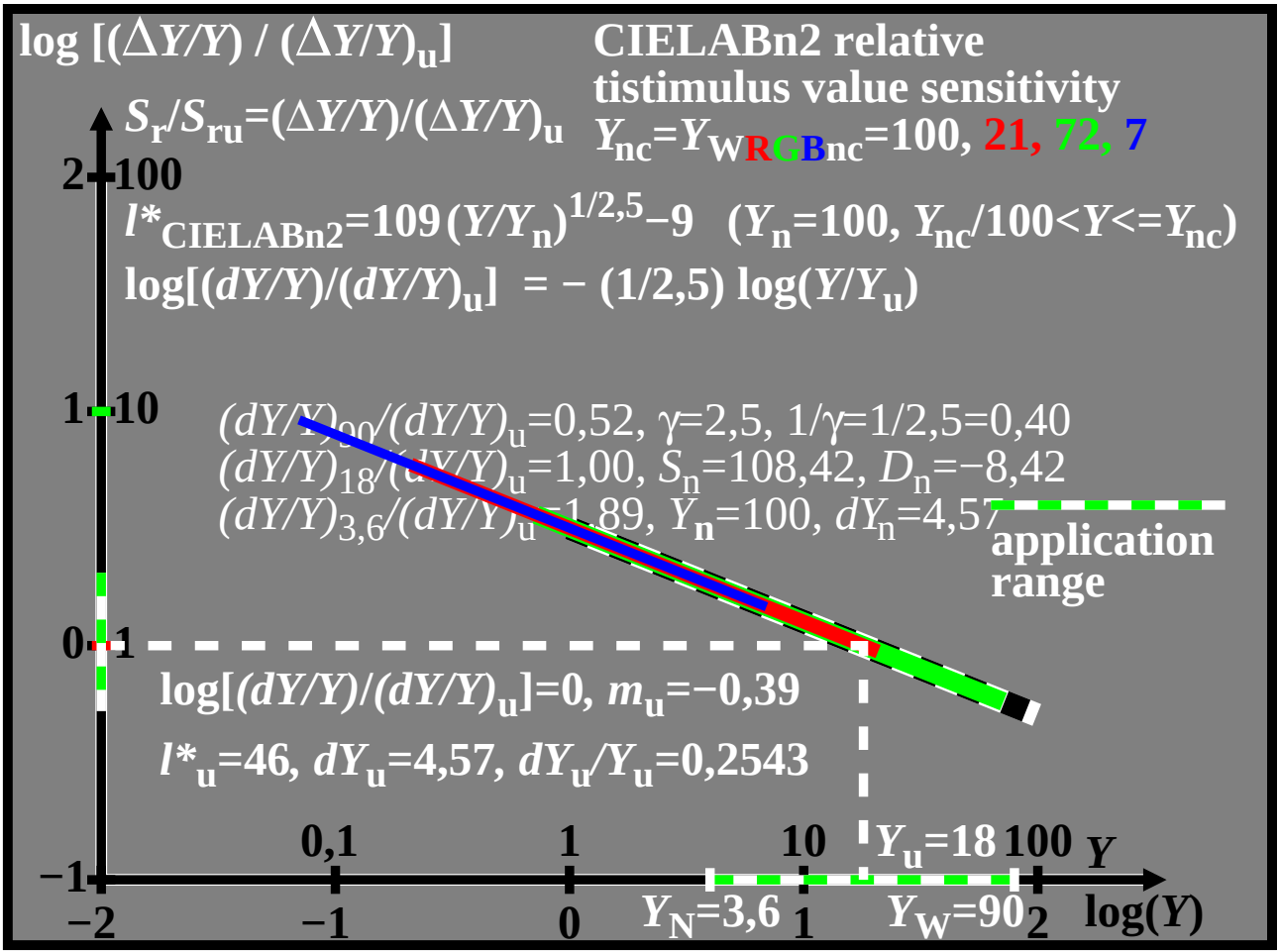
log [(ΔY/Y) / (ΔY/Y)u]
CIELABn2 relative
tistimulus value sensitivity
Ync=YWRGBnc=100, 21, 72, 7
Sr/Sru=(ΔY/Y)/(ΔY/Y)u
2
100
l*CIELABn2=109 (Y/Yn)1/2,5−9 (Yn=100, Ync/100<Y<=Ync)
log[(dY/Y)/(dY/Y)u] = − (1/2,5) log(Y/Yu)
1
10
(dY/Y)90/(dY/Y)u=0,52, γ=2,5, 1/γ=1/2,5=0,40
(dY/Y)18/(dY/Y)u=1,00, Sn=108,42, Dn=−8,42
(dY/Y)3,6/(dY/Y)u=1,89, Yn=100, dYn=4,57
application
range
0
1
log[(dY/Y)/(dY/Y)u]=0, mu=−0,39
l*u=46, dYu=4,57, dYu/Yu=0,2543
0,1
1
10
Yu=18
100
Y
−1
−2
−1
0
YN=3,6
1
YW=90
2
log(Y)

BEZ20−6A