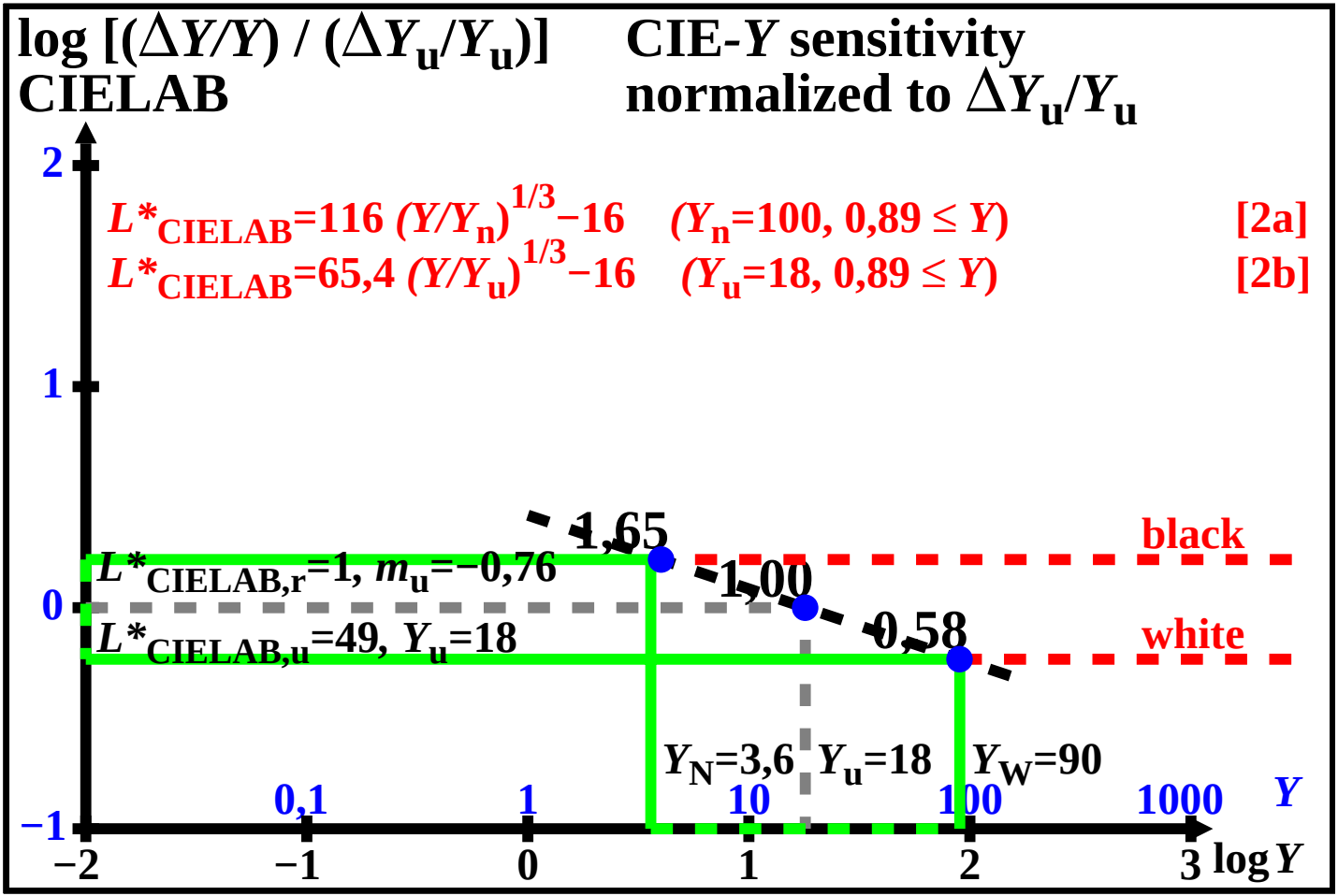
log [(ΔY/Y) / (ΔYu/Yu)]
CIELAB
CIE-Y sensitivity
normalized to ΔYu/Yu
L*CIELAB=116 (Y/Yn)1/3−16 (Yn=100, 0,89 ≤ Y) [2a]
L*CIELAB=65,4 (Y/Yu)1/3−16 (Yu=18, 0,89 ≤ Y) [2b]
1,65
1,00
0,58
black
white
L*CIELAB,r=1, mu=−0,76
L*CIELAB,u=49, Yu=18
YN=3,6
Yu=18
YW=90
0,1
1
10
100
1000
Y
2
1
0
−1
−2
−1
0
1
2
3
log Y

eea21−4a