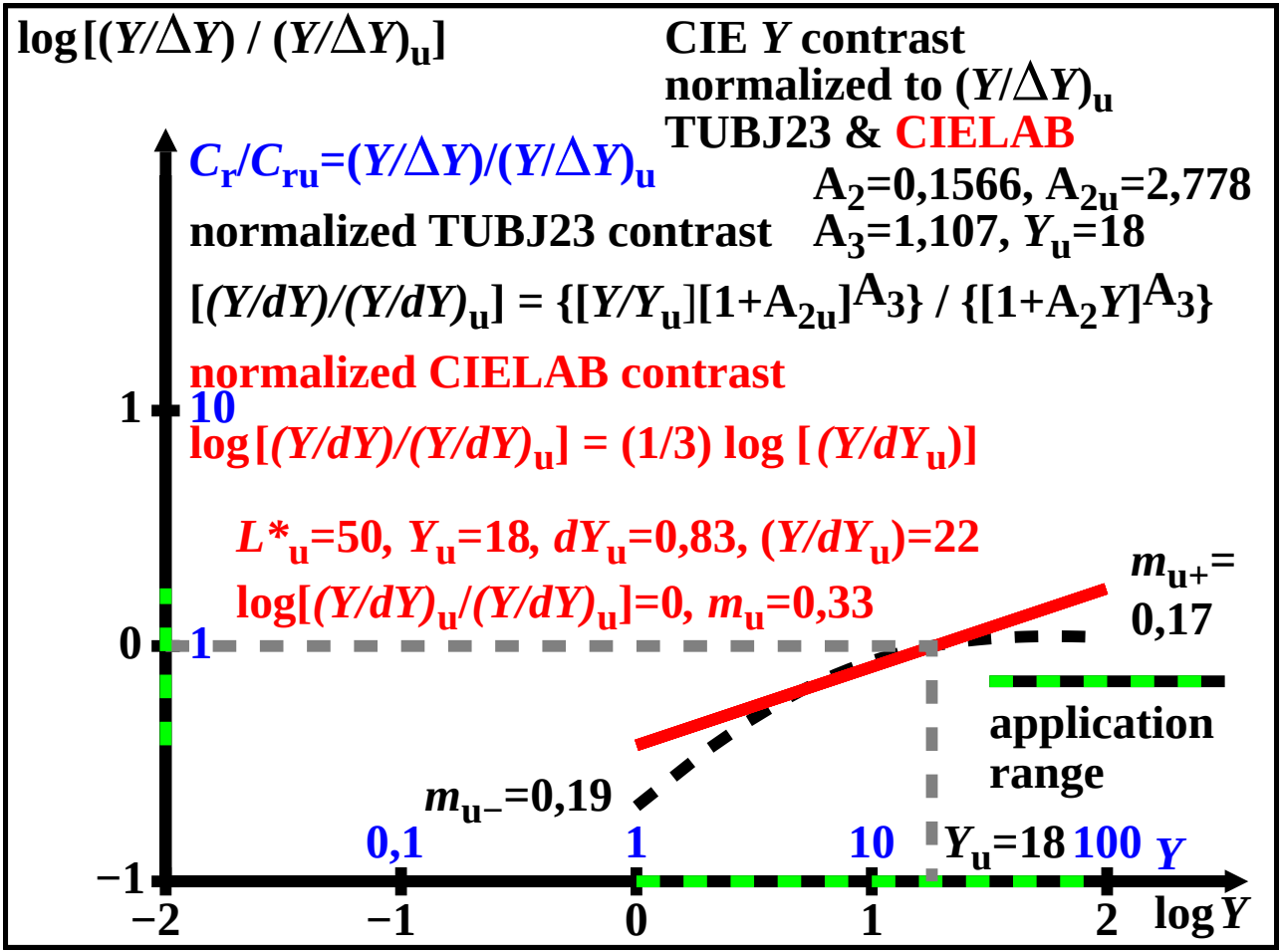
log[(Y/ΔY) / (Y/ΔY)u]
CIE Y contrast
normalized to (Y/ΔY)u
TUBJ23 & CIELAB
A2=0,1566, A2u=2,778
A3=1,107, Yu=18
Cr/Cru=(Y/ΔY)/(Y/ΔY)u
normalized TUBJ23 contrast
[(Y/dY)/(Y/dY)u] = {[Y/Yu][1+A2u]A3} / {[1+A2Y]A3}
normalized CIELAB contrast
10
log[(Y/dY)/(Y/dY)u] = (1/3) log [(Y/dYu)]
L*u=50, Yu=18, dYu=0,83, (Y/dYu)=22
log[(Y/dY)u/(Y/dY)u]=0, mu=0,33
mu+= 0,17
1
0
application range
mu−=0,19
0,1
1
10
Yu=18
100
Y
−1
−2
−1
0
1
2
log Y

eew70−6a