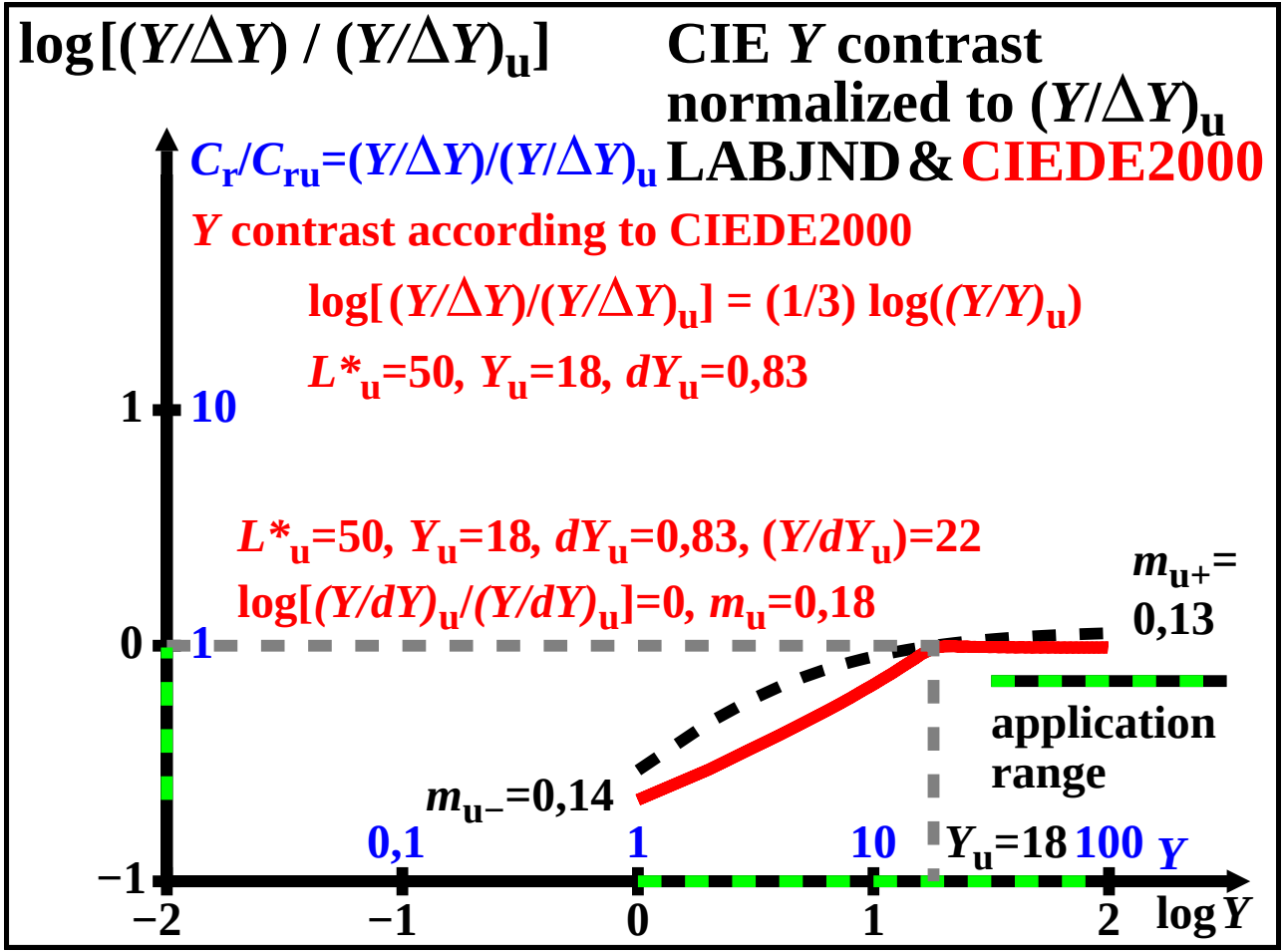
log[(Y/ΔY) / (Y/ΔY)u]
CIE Y contrast normalized to (Y/ΔY)u
Cr/Cru=(Y/ΔY)/(Y/ΔY)u
LABJND & CIEDE2000
Y contrast according to CIEDE2000
log[(Y/ΔY)/(Y/ΔY)u] = (1/3) log((Y/Y)u)
L*u=50, Yu=18, dYu=0,83
L*u=50, Yu=18, dYu=0,83, (Y/dYu)=22
log[(Y/dY)u/(Y/dY)u]=0, mu=0,18
mu+= 0,13
mu−=0,14
application range
Yu=18
1
10
0
1
−1
0,1
1
10
100
Y
−2
−1
0
1
2
log Y

heb41−8a