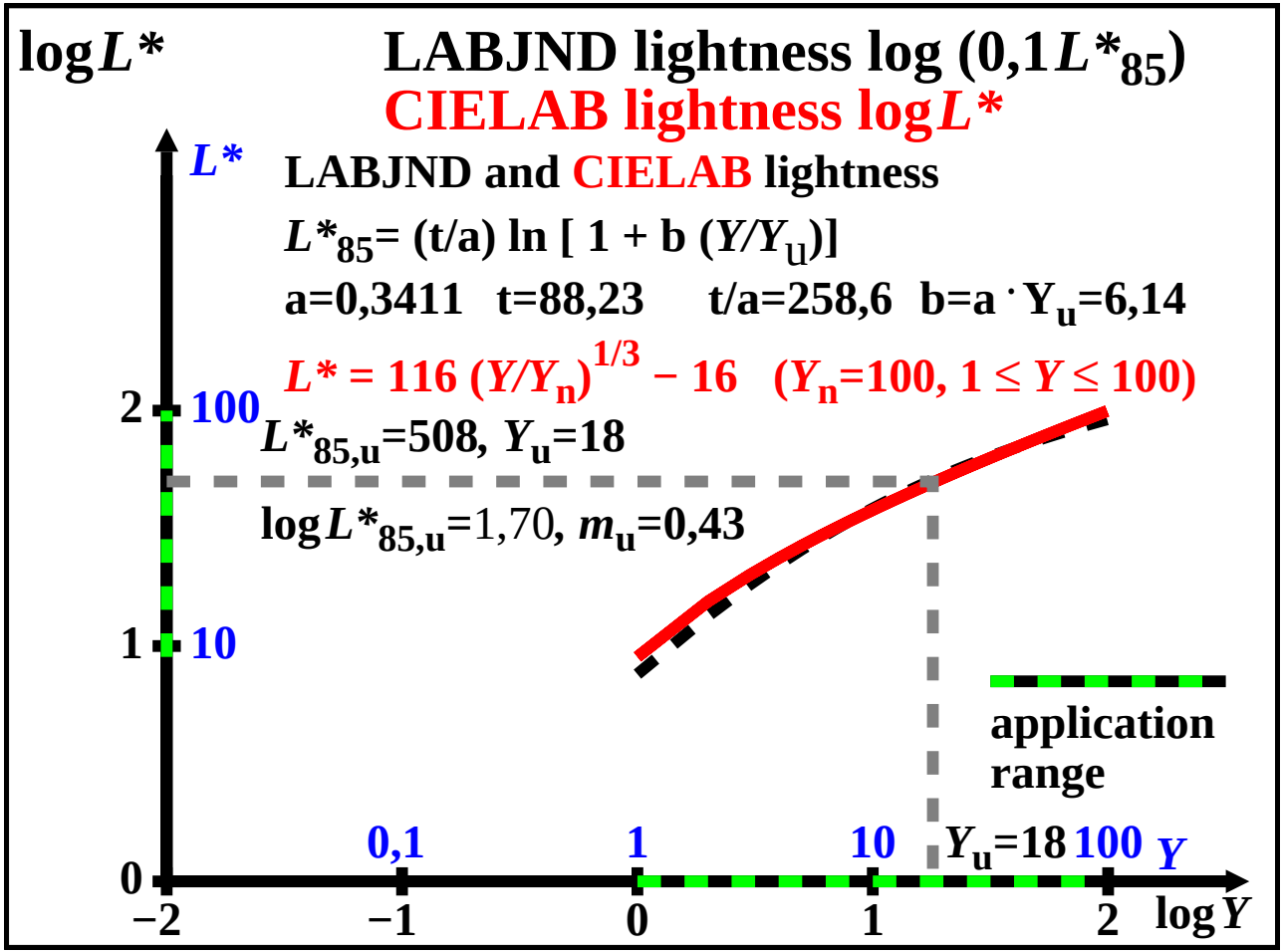
log L*
LABJND lightness log (0,1 L*85)
CIELAB lightness log L*
L*
LABJND and CIELAB lightness
L*85= (t/a) ln [1 + b (Y/Yu)]
a=0,3411 t=88,23 t/a=258,6 b=a · Yu=6,14
L* = 116 (Y/Yn)1/3 − 16 (Yn=100, 1 ≤ Y ≤ 100)
L*85,u=508, Yu=18
log L*85,u=1,70, mu=0,43
2
100
1
10
0
application range
0,1
1
10
Yu=18
100
Y
−2
−1
0
1
2
log Y

CES30−1A