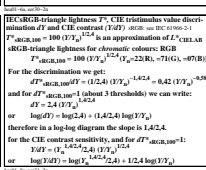
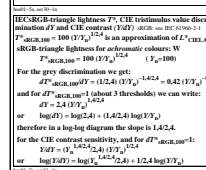
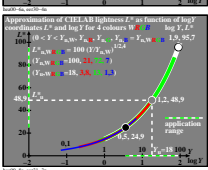
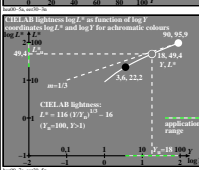
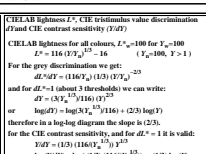
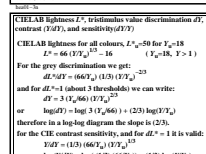
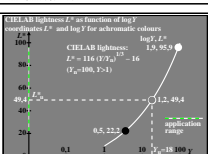
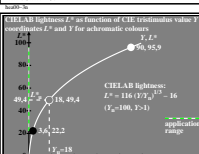
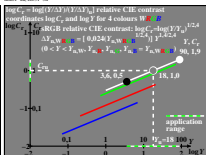
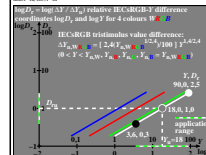
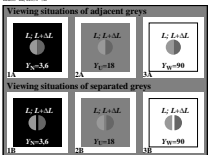
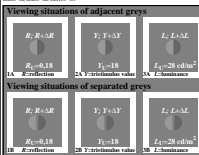
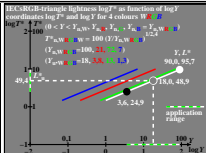
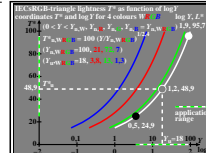
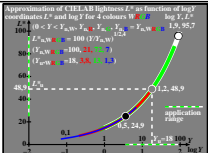


**sensation scaling functions**  
**lightness  $L^*$  and tristimulus value  $Y$**   
**adaptation on surround white  $W$**   
 $L^*W = 100 ( Y / 100 )^{1/2,0}$   
**adaptation on surround grey  $U$**   
 $L^*IECsRGB = 100 ( Y / 100 )^{1/2,4}$   
**description with CIELAB 1976**  
 $L^*CIELAB = 116 ( Y / 100 )^{1/3,0} - 16$   
**adaptation on surround black  $N$**   
 $L^*N = 100 ( Y / 100 )^{1/3,0}$



see similar files of the whole series: <http://farbe.li.tu-berlin.de/hea0/hea01On1.txt / ps>  
 technical information: <http://farbe.li.tu-berlin.de> or <http://color.li.tu-berlin.de>

TUB registration: 20240901-hea0/hea01On1.txt / ps  
 application for evaluation and measurement of display or print output  
 TUB material: code=th4ta