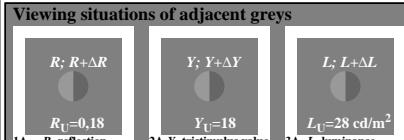


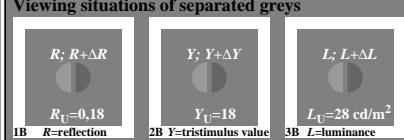


sensation scaling functions
lightness L^* and tristimulus value Y
adaptation on surround white W
 $L^*_{\text{W}} = 100 (Y / 100)^{1/2,0}$
adaptation on surround grey U
 $L^*_{\text{IECsRGB}} = 100 (Y / 100)^{1/2,4}$
description with CIELAB 1976
 $L^*_{\text{CIELAB}} = 116 (Y / 100)^{1/3,0} - 16$
adaptation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

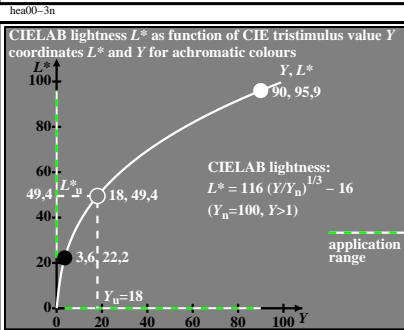
heao01-1a, cer31-4n, CEA10-4N



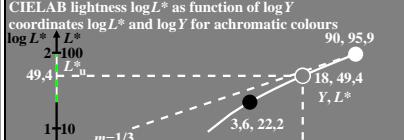
heao01-3a, cer31-2n, CEA10-2N



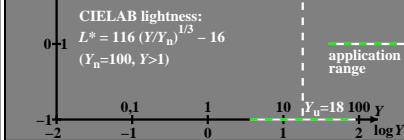
heao01-3n



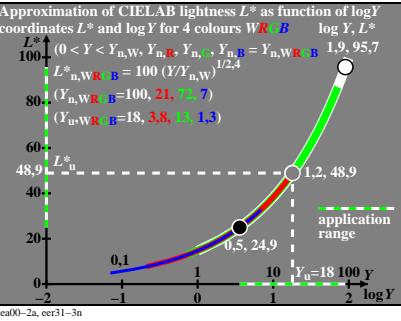
heao01-5a, cer30-3n



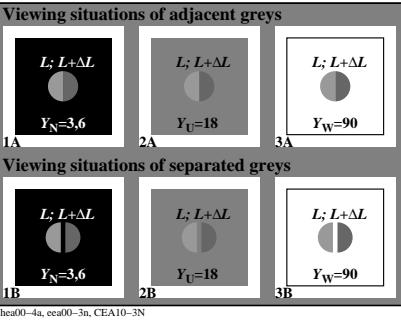
heao01-7a, cer30-5n



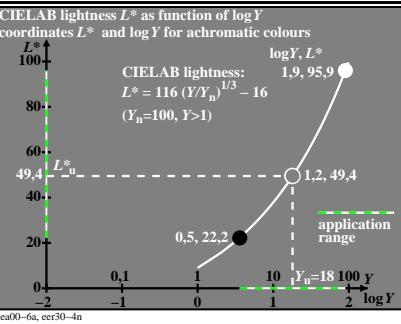
heao01-7n



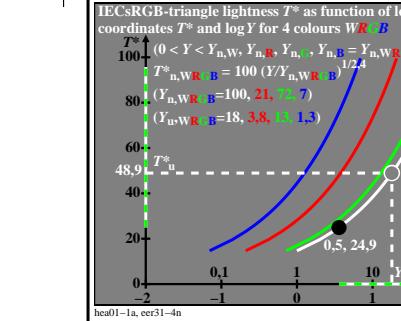
heao01-2a, cer31-3n



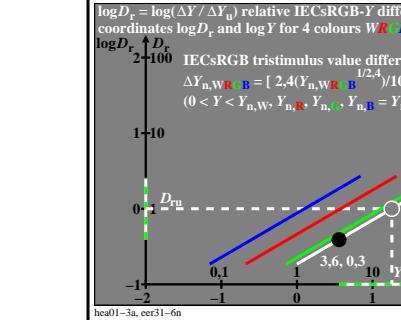
heao01-4a, cer31-3n, CEA10-3N



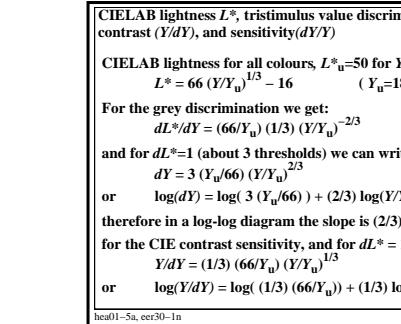
heao01-4n



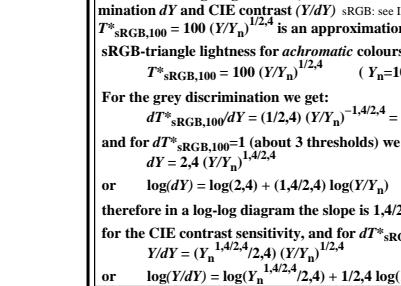
heao01-1a, cer31-4n



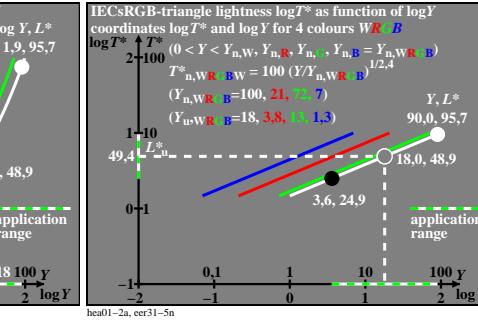
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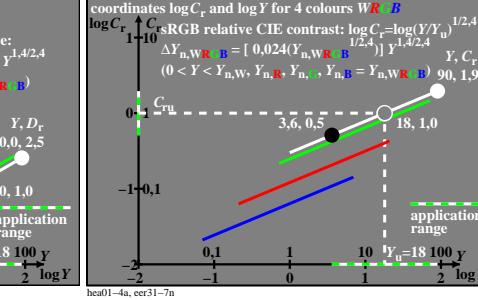
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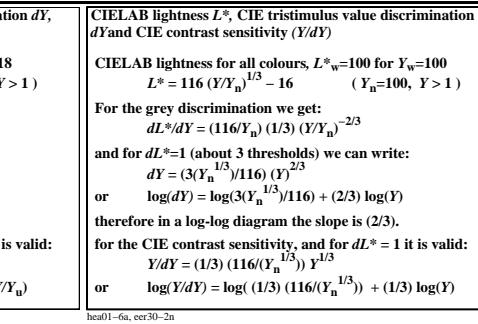
heao01-1n



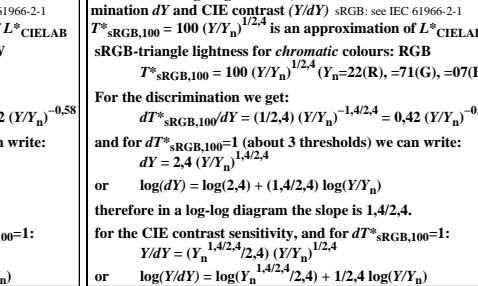
heao01-1a, cer31-5n



heao01-1n



heao01-1n



heao01-1n

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/heao/heao0na.txt> or <http://farbe.li.tu-berlin.de/color.li.tu-berlin.de>

TUB-test chart heao0; Special colorimetric properties for colour vision and image technology
Comparison CIELAB and IECsRGB coordinates, lightness & triangle lightness, contrast and sensitivity

TUB registration: 20240901-heao0/heao0na.txt.ps
application for evaluation and measurement of display or print output

TUB material: code=rha4ta