

TUB registration: 20220401-CET5/CET5L0NA.TXT /PS

application for measurement of display output

<http://farbe.li.tu-berlin.de/CET5/CET5L0NA.TXT /PS>

N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/1

C

M

Y

O

L

V

C

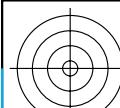
M

Y

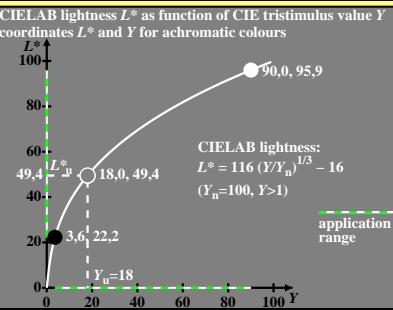
O

L

V

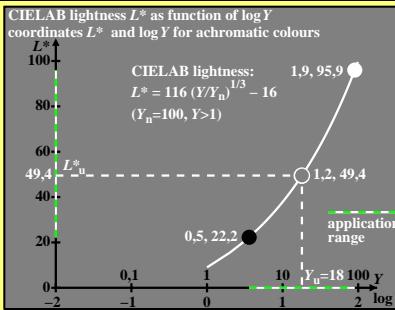


CIELAB lightness L^* as function of CIE tristimulus value Y coordinates L^* and Y for achromatic colours

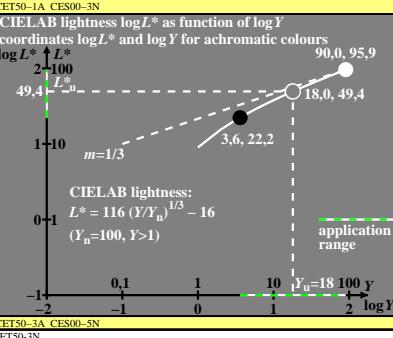


CET50-1A CES00-3N

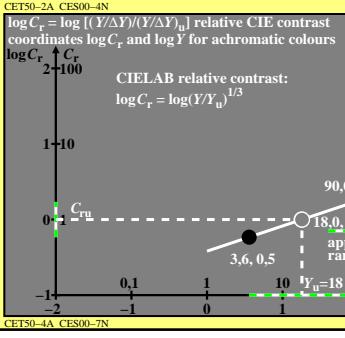
CIELAB lightness L^* as function of log Y coordinates L^* and log Y for achromatic colours



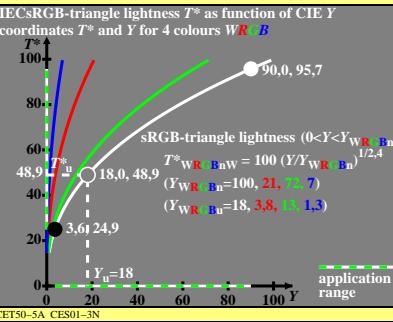
CET50-2A CES00-4N



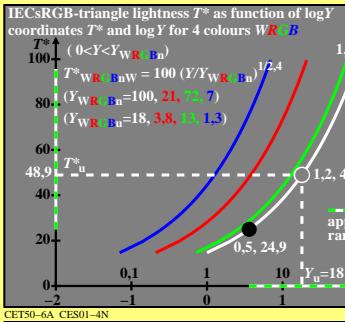
CET50-3A CES00-5N



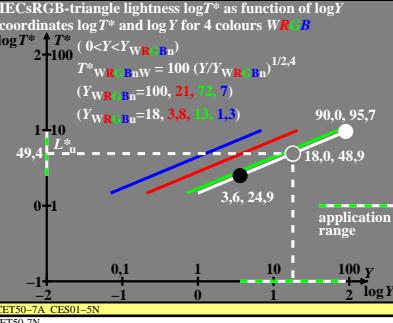
CET50-4A CES00-7N



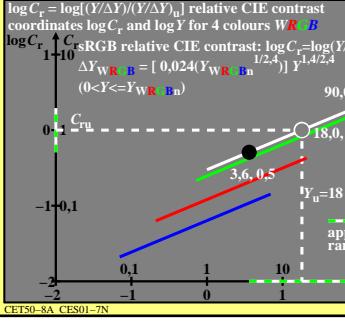
CET50-5A CES00-3N



CET50-6A CES00-4N

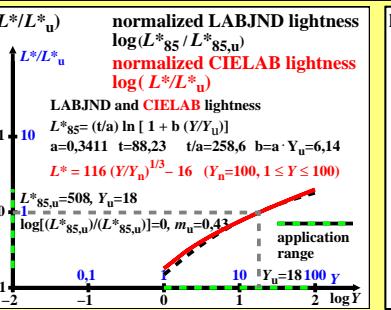


CET50-7A CES01-5N

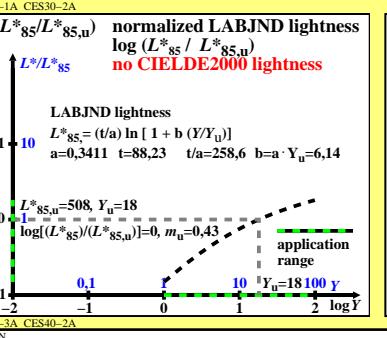


CET50-8A CES01-7N

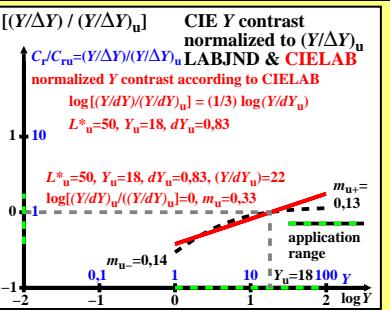
normalized LABJND lightness $\log(L^*_{85}/L^*_{85,u})$
normalized CIELAB lightness $\log(L^*/L^*_u)$



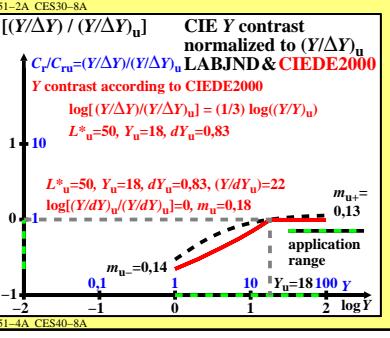
CET51-1A CES30-2A



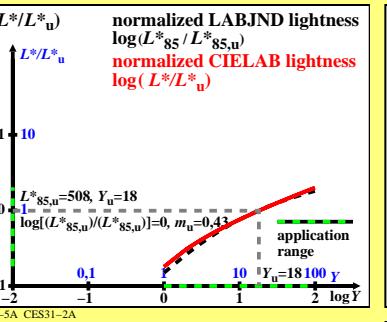
CET51-3A CES40-2A



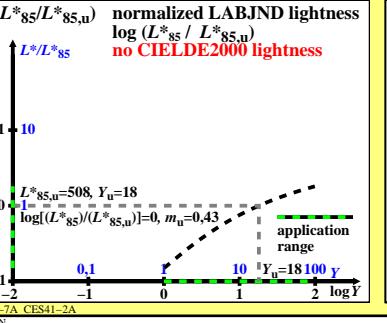
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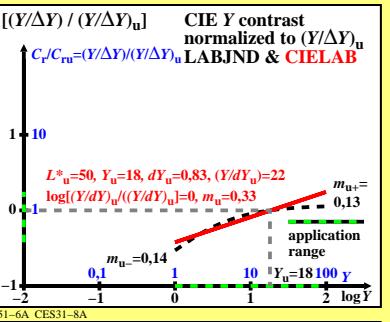
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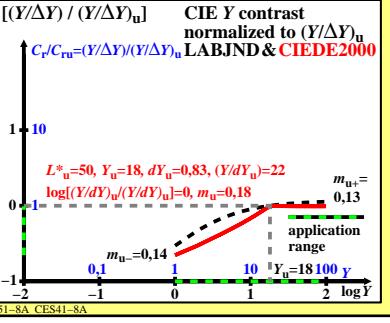
CET51-5A CES31-2A



CET51-7A CES41-2A



CET51-6A CES31-8A



CET51-8A CES41-8A

TUB-test chart CET5; Comparison lightness formulae CIELAB, IECsRGB, CIEDE2000 & LABJND
Lightness L^* or $\log L^*$ as function of Y or $\log Y$, relative contrast $C_r = [(Y/ΔY)/(Y/ΔY)_u]$

C

M

Y

O

L

V



see similar files: <http://farbe.li.tu-berlin.de/CET5/CET5L0NA.TXT /PS>

technical information: <http://farbe.li.tu-berlin.de> or <http://color.li.tu-berlin.de>