

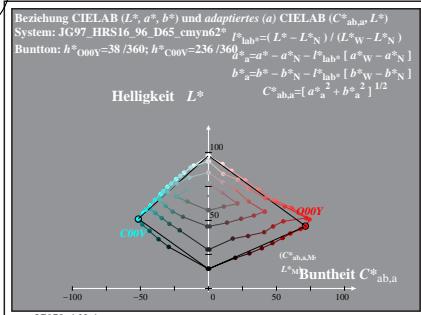


<http://130.149.60.45/~farbmefrik/JG97/JG97L0NA.TXT> /PS; ORS18_95, L*=18_95
N: Keine Ausgabe-Linearisierung (OL) in Datei (F), Startup (S), Gerät (D), Seite 1/1

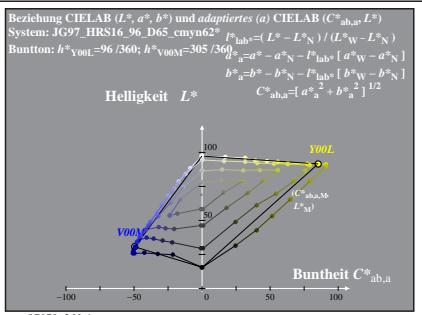
N: Keine Ausgabe-Linearisierung (OL) in Datei (F), Startup (S), Gerät (D), Seite 1/1

Siehe Original/Kopie: <http://web.me.com/klaus.richter/JG97/JG97L0NA.TXT.PS>
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbm>

TUB-Registrierung: 20100301-JG97/JG97L0NA.TXT /PS TUB-Material: Code=rha4ta
- Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen



The figure is a 3D plot illustrating the relationship between different color spaces. The vertical axis is labeled I^* (relative Helligkeit) and ranges from -1.0 to 1.0. The horizontal axes are labeled c^* (relative Buntheit) and b^* (relative Gelbheit). A blue curve represents the CIELAB color space, starting at the origin (0,0,0) and ending at (1,0,0). A red curve represents the CIE1976 color space, also starting at the origin and ending at (1,0,0). A green curve represents the CIE1976 color space with a different mapping, ending at approximately (0.8, 0.2, 0). A black curve represents the CIE1976 color space with a third mapping, ending at approximately (0.6, 0.4, 0). A grey shaded area represents the M-Maximalfarbe (M-saturated color) region. A legend at the bottom right identifies the curves: CIELAB, CIE1976, CIE1976, CIE1976, and M-Maximalfarbe.

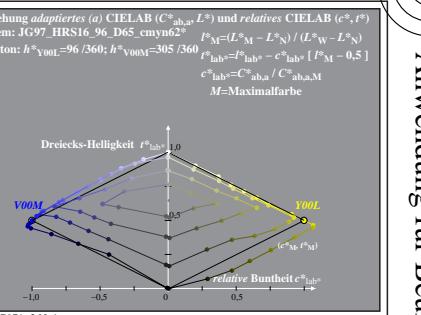
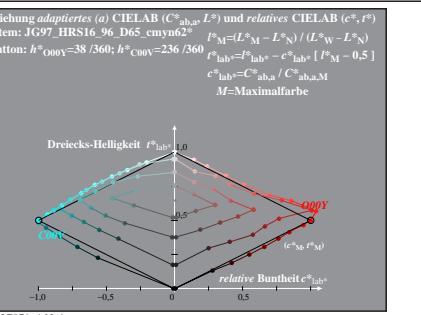


Beziehung CIELAB (L^* , a^* , b^*) und adaptiertes (a) CIELAB (C^{ab} , a^{ab} , L^*)
System: JG97-HRSL16_96_D65_cmynd62⁶

$L^* = L^*_{\text{lab}} = (L^* - L^*_{\text{N}}) / (L^*_{\text{W}} - L^*_{\text{N}})$
 $a^* = a^*_{\text{lab}} = a^*_{\text{N}} - l^*_{\text{lab}} \cdot (a^*_{\text{W}} - a^*_{\text{N}})$
 $b^* = b^*_{\text{lab}} = b^*_{\text{N}} - l^*_{\text{lab}} \cdot [b^*_{\text{W}} - b^*_{\text{N}}]$
 $C^{ab} = \sqrt{a^{ab^2} + b^{ab^2}}$

CIELAB-Bunsttonwinkel:
 $h_{ab,d} = [\pi/4, 92, 143, 226, 312, 337]^{\circ}$
 $h_{ab,dh} = [\pi/4, 92, 143, 226, 311, 337]^{\circ}$

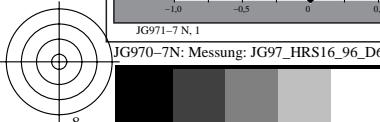
YOOL
LOGS
OOOY
Buntheit
V00M



JG970-7N, 1 JG970-8N, 1
JG970-7N: Messung: JG97 HRS16 96 D65 cmyn62* LUT.DAT, 243 Farben, 090115, Separation oly*, adaptiert

TUB-Prüfvorlage JG97; Relatives Geräte-Farbsystem G 1080 spektrale Reflexionen R → LAB^a und CIE-Diagramm

Eingabe: *w setgray*
Ausgabe: keine Eingabeänderung



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