

# TUB registration: 20100301-JE92/JE92L0NP.PDF /PS

TUB application for evaluation and measurement of printer or monitor systems

TUB material: code=rha4ta



Linear relation adapted (a) CIELAB ( $C^*_{ab,M}, L^*$ ) and relative CIELAB ( $c^*, t^*$ )  
System: JE92\_ORS20\_95\_D65\_cmynd\*  
 $I^*_{lab}=(L^*-L^*_{N'})/(L^*_{W}-L^*_{N'})$   
Hue:  $h^*_{Y00L}=-96/360; h^*_{V00M}=305/360$   
 $a^*_{ab}=a^*-a^*_{N'}-I^*_{lab} \cdot [a^*_{W}-a^*_{N'}]$   
 $b^*_{ab}=b^*-b^*_{N'}-I^*_{lab} \cdot [b^*_{W}-b^*_{N'}]$   
 $C^*_{ab,a}=[a^*_{ab}^2+b^*_{ab}^2]^{1/2}$

triangle lightness  $t^*_{lab}$  relative chroma  $c^*_{lab}^*$   
 $t^*_{lab}=I^*_{lab}-c^*_{lab}/[I^*_{M}-0.5]$   
 $c^*_{lab}=C^*_{ab,M}/C^*_{ab,a,M}$   
 $M=\text{Maximum colour}$

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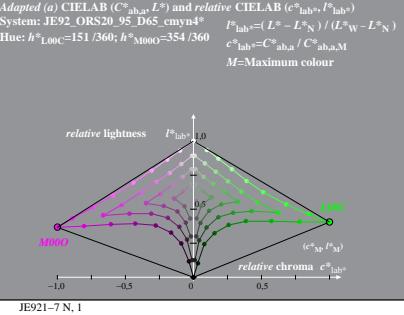
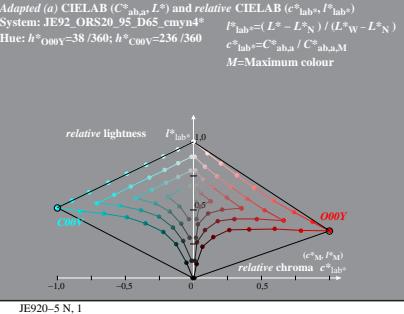
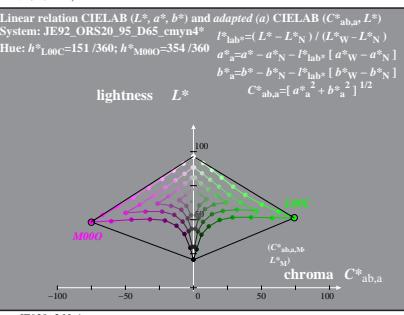
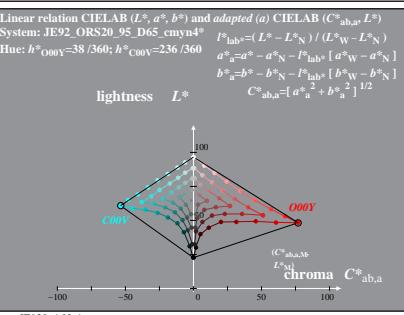
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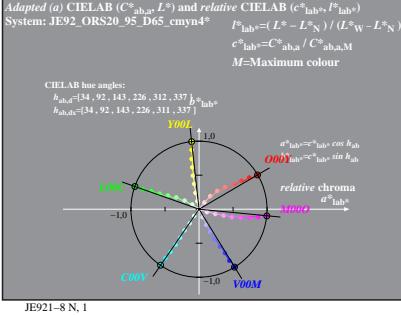
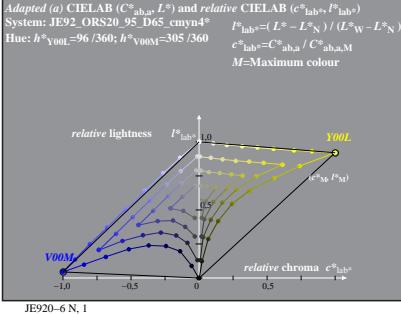
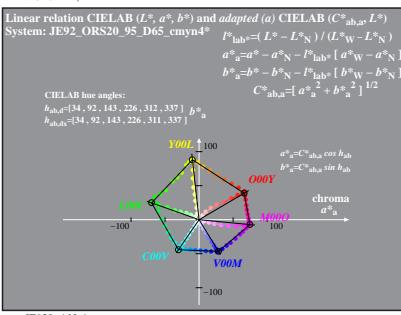
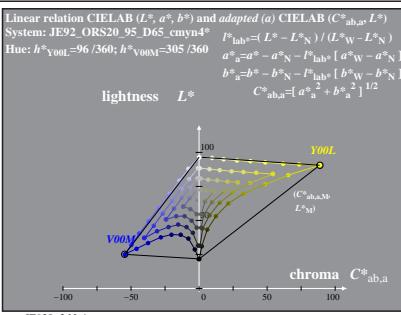
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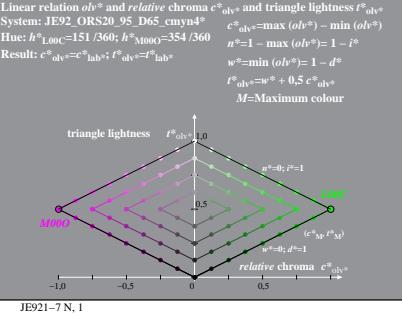
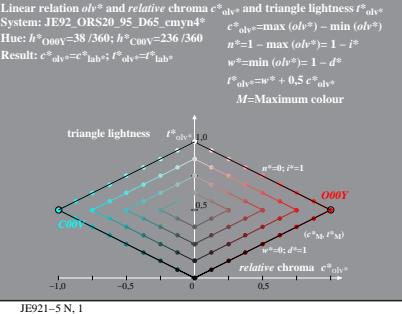
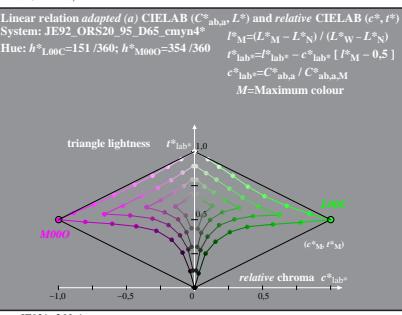
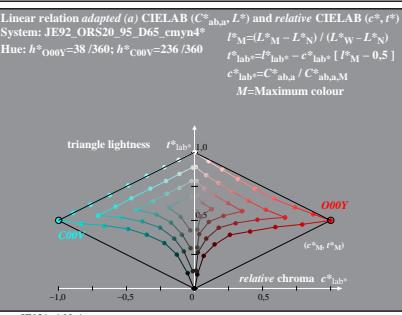
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JE920-7N: Measurement: JE92\_ORS20\_95\_D65\_cmynd\*.LUT.DAT, 243 colours, 090115, Separation olv\*, adapted



JE920-8N: Measurement: JE92\_ORS20\_95\_D65\_cmynd\*.LUT.DAT, 243 colours, 090115, Separation olv\*, adapted



JE920-7N: Measurement: JE92\_ORS20\_95\_D65\_cmynd\*.LUT.DAT, 243 colours, 090115, Separation olv\*, adapted

JE920-8N: Measurement: JE92\_ORS20\_95\_D65\_cmynd\*.LUT.DAT, 243 colours, 090115, Separation olv\*, adapted

See original or copy: [http://web.me.com/klaus\\_richter/JE92/JE92L0NP.PDF /PS](http://web.me.com/klaus_richter/JE92/JE92L0NP.PDF /PS)  
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>



TUB-test chart JE92; Relative Device Colour System G  
1080 spectral reflexions R → LAB\*a and CIE diagrams

input: w setgray  
output: no change compared to input