

TUB registration: 20091101-HE82/HE82L0NA.PS .TXT

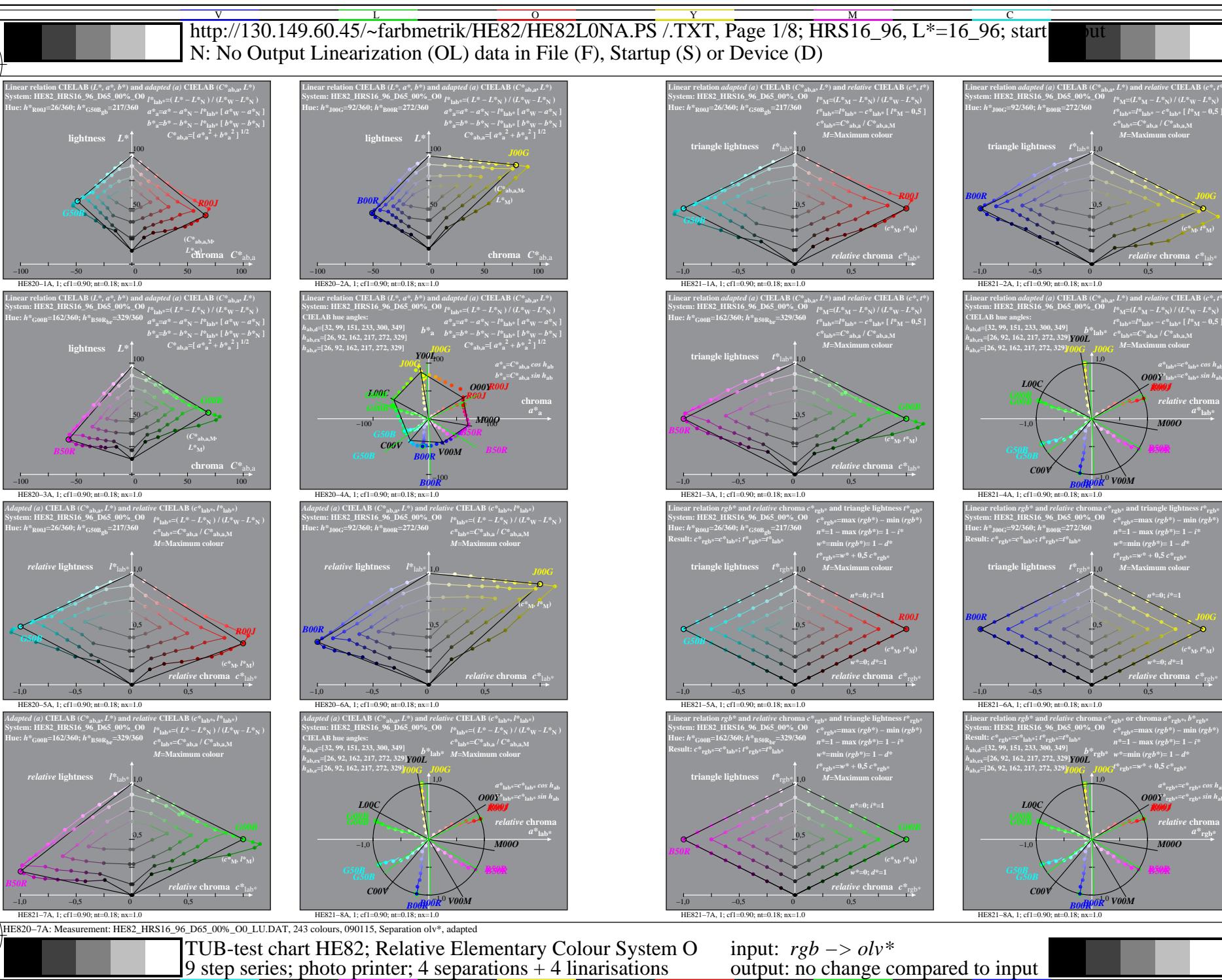
TUB material: code=rha4ta

TUB application for evaluation and measurement of printer or monitor systems

See original or copy: http://web.me.com/klaus_richter/HE82/HE82L0NA.PS .TXT

Technical information: <http://www.ps.bam.de>

V 2.1, io=1,1, Cx=1; cf1=0,90; nt=0,18; nx=1.0



input: $rgb \rightarrow olv^*$
output: no change compared to input



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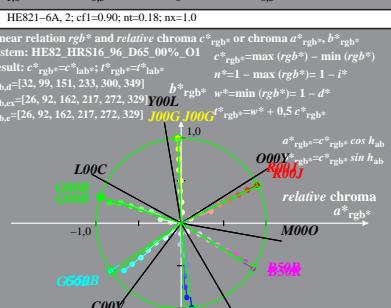
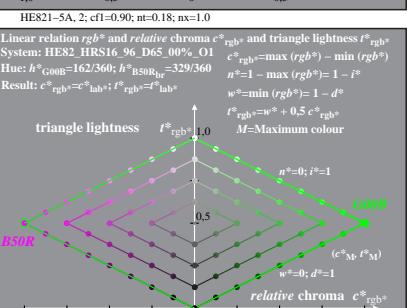
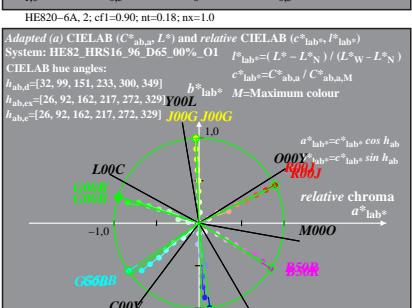
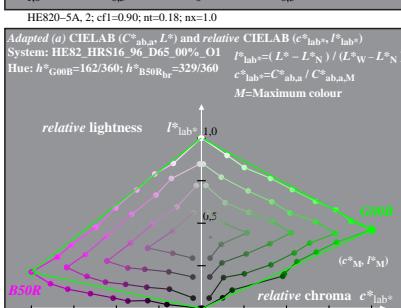
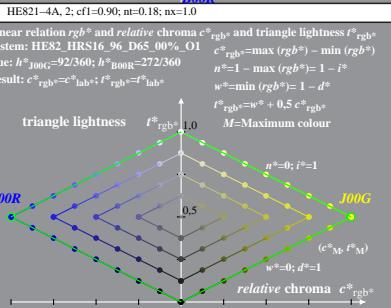
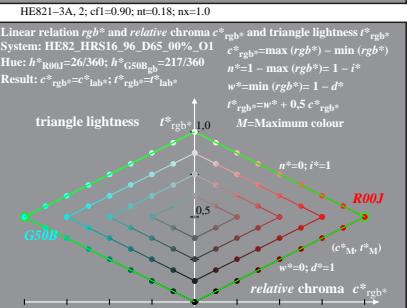
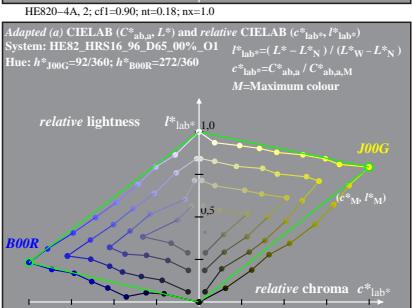
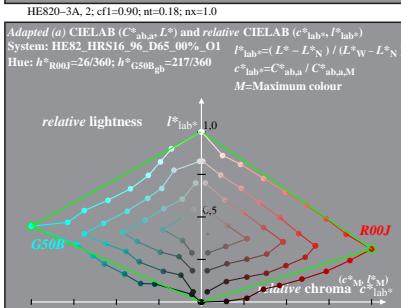
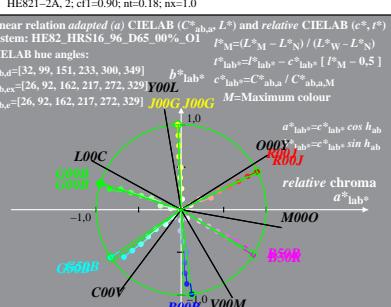
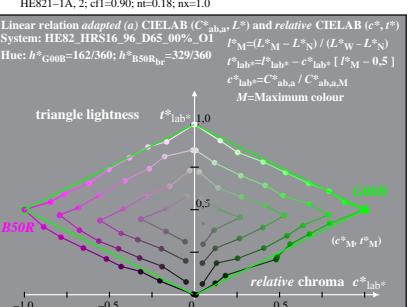
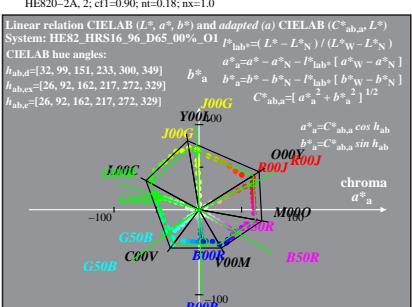
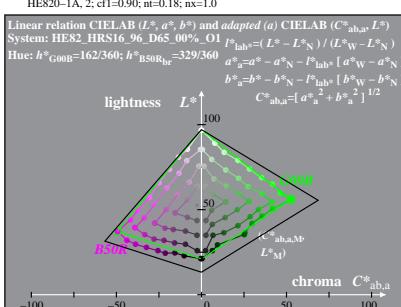
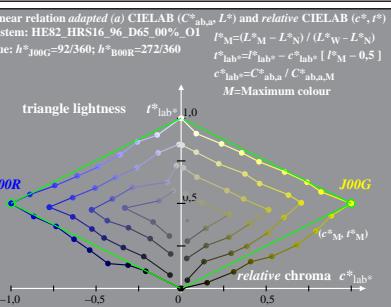
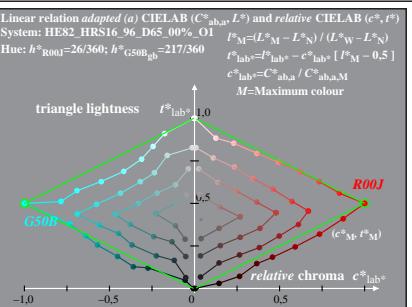
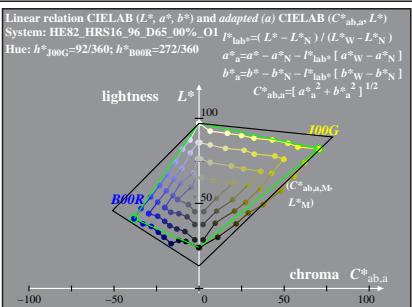
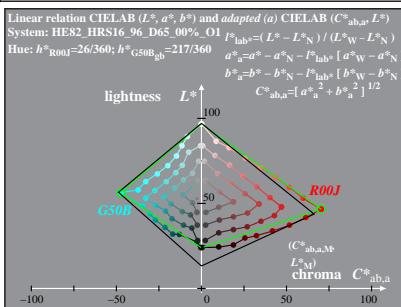
Technical information: <http://www.ps.bam.de>

V 2.1, io=1,1, Cx=1; cf1=0,90; nt=0,18; nx=1.0



<http://130.149.60.45/~farbmefrik/HE82/HE82L0NA.PS /TXT>, Page 2/8; HRS16_96, L*=16_96; linearized output

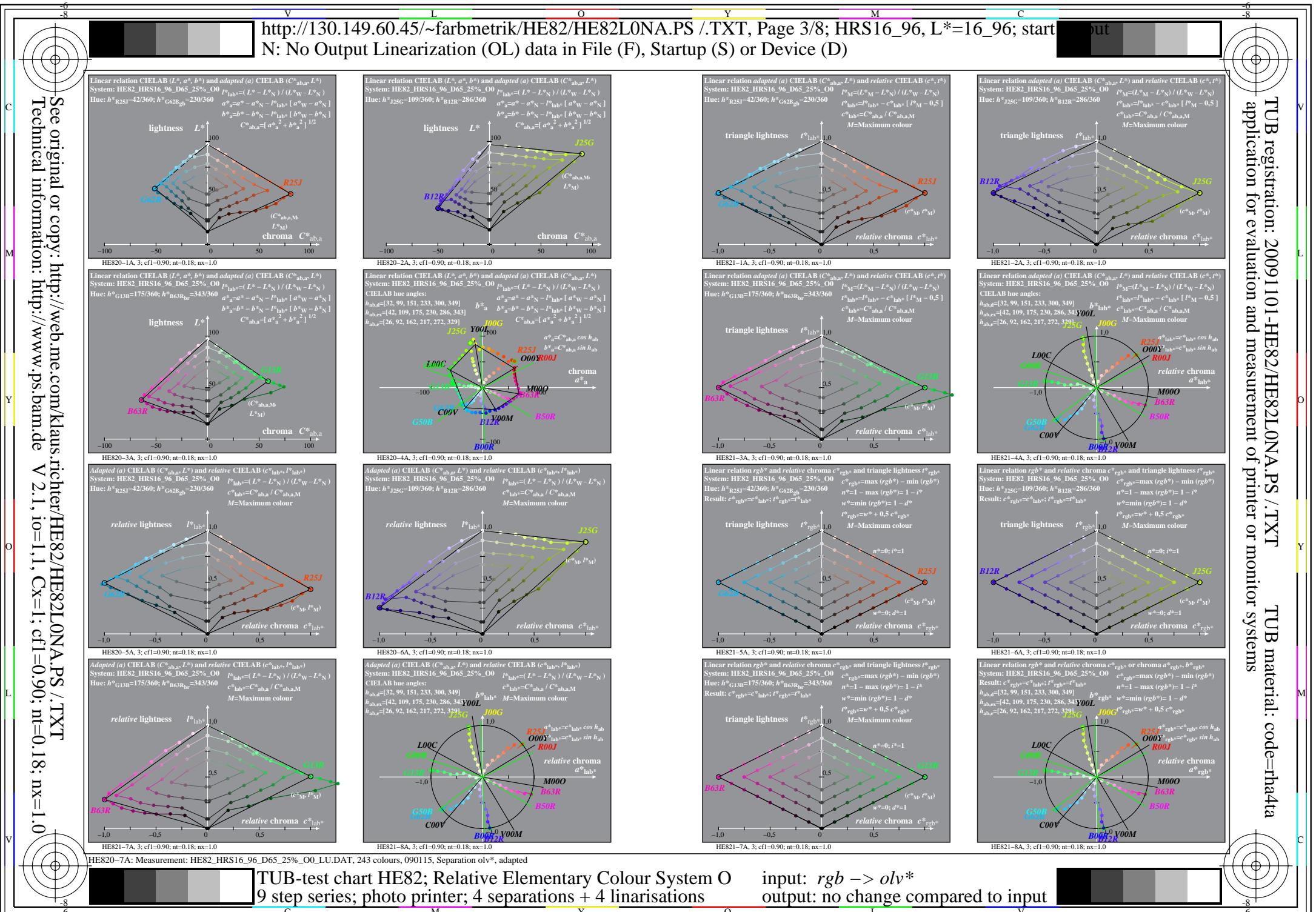
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D)



HE82-7A: Measurement: HE82_HRS16_96_D65_00%_O1_LU.DAT, 243 colours, 090115, Separation olv*, adapted

TUB-test chart HE82; Relative Elementary Colour System O
9 step series; photo printer; 4 separations + 4 linearisations

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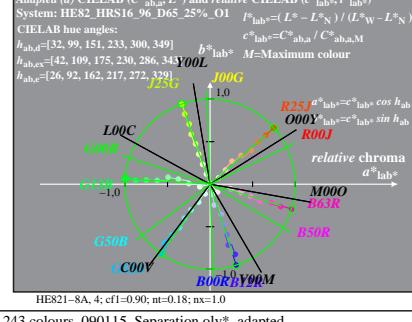
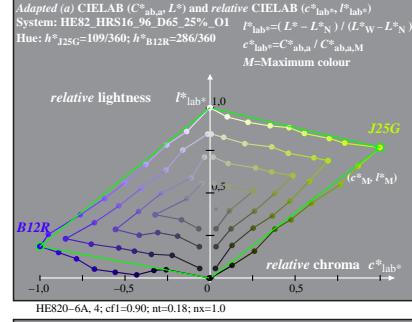
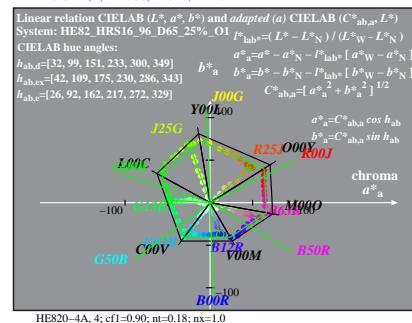
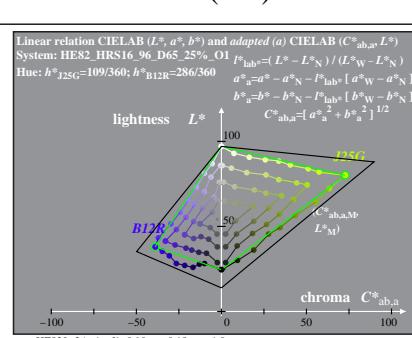
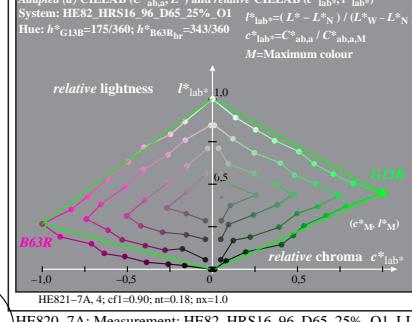
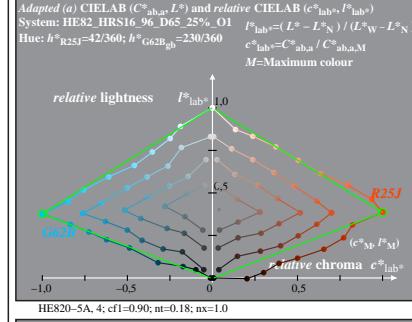
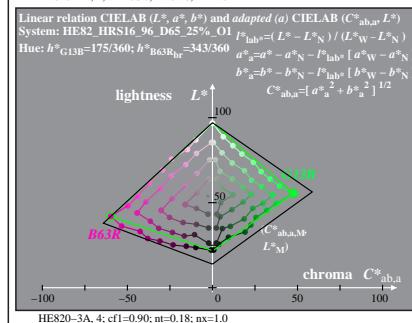
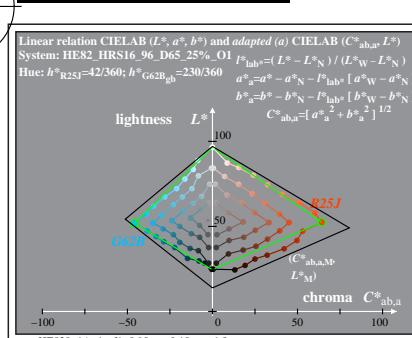
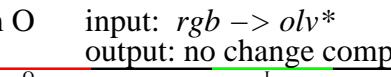
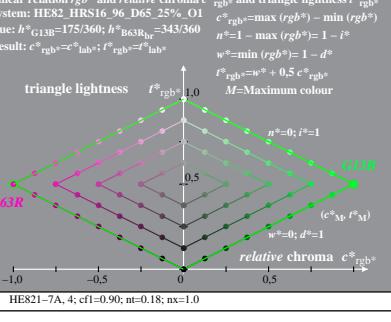
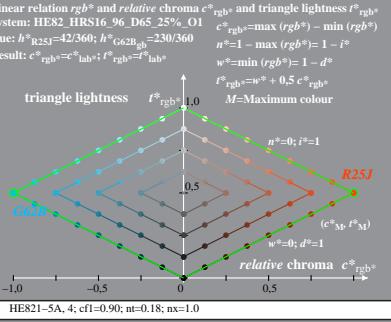
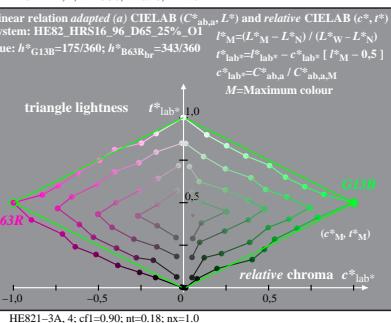
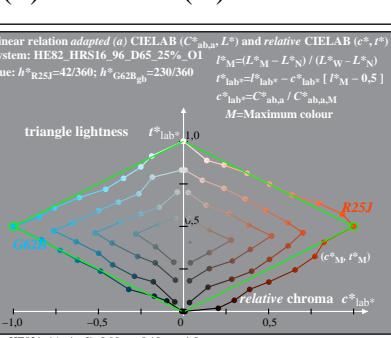
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http://130.149.60.45/~farbmefrik/HE82/HE82L0NA.PS /TXT, Page 4/8; HRS16_96, L*=16_96; linearized output

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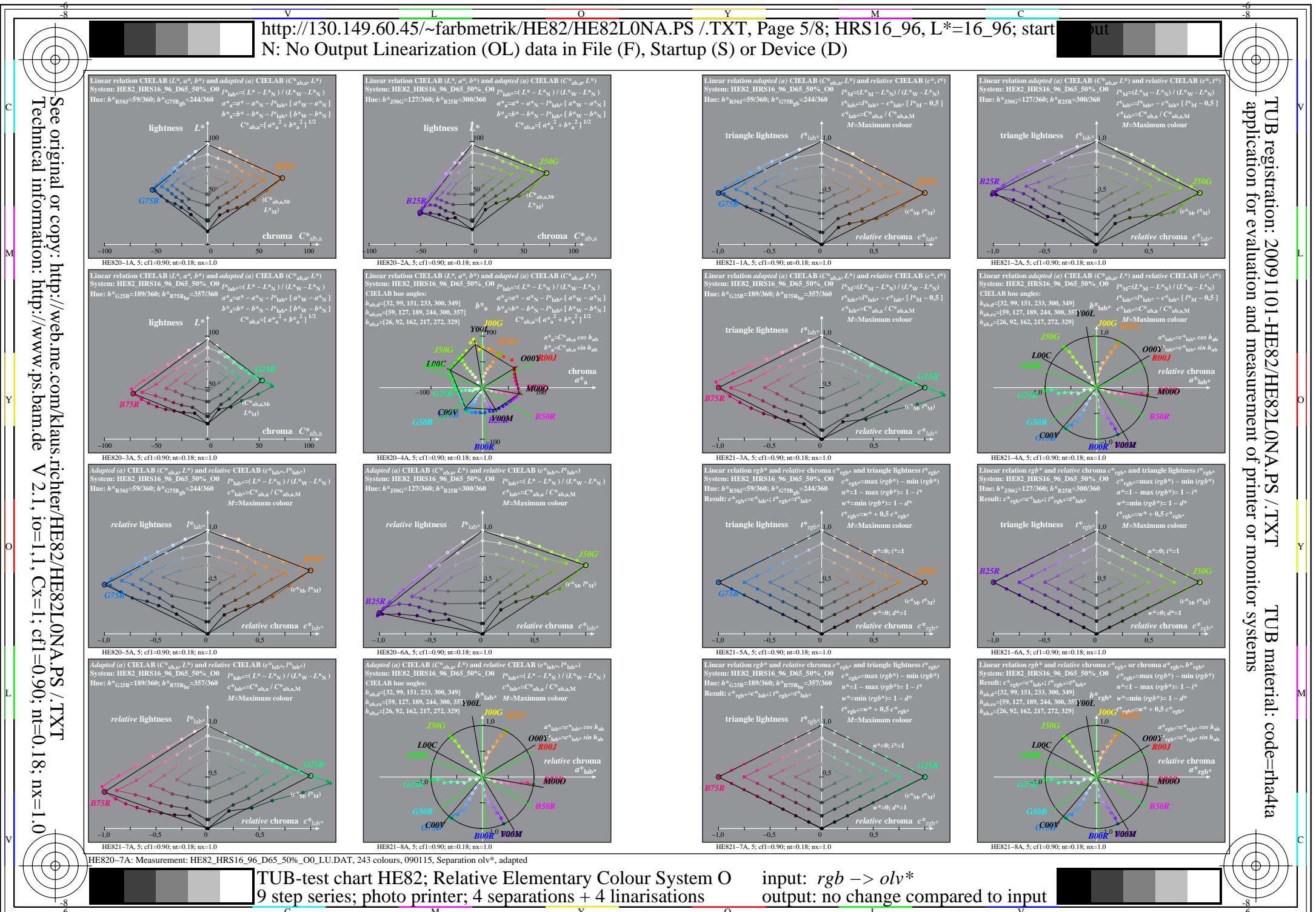


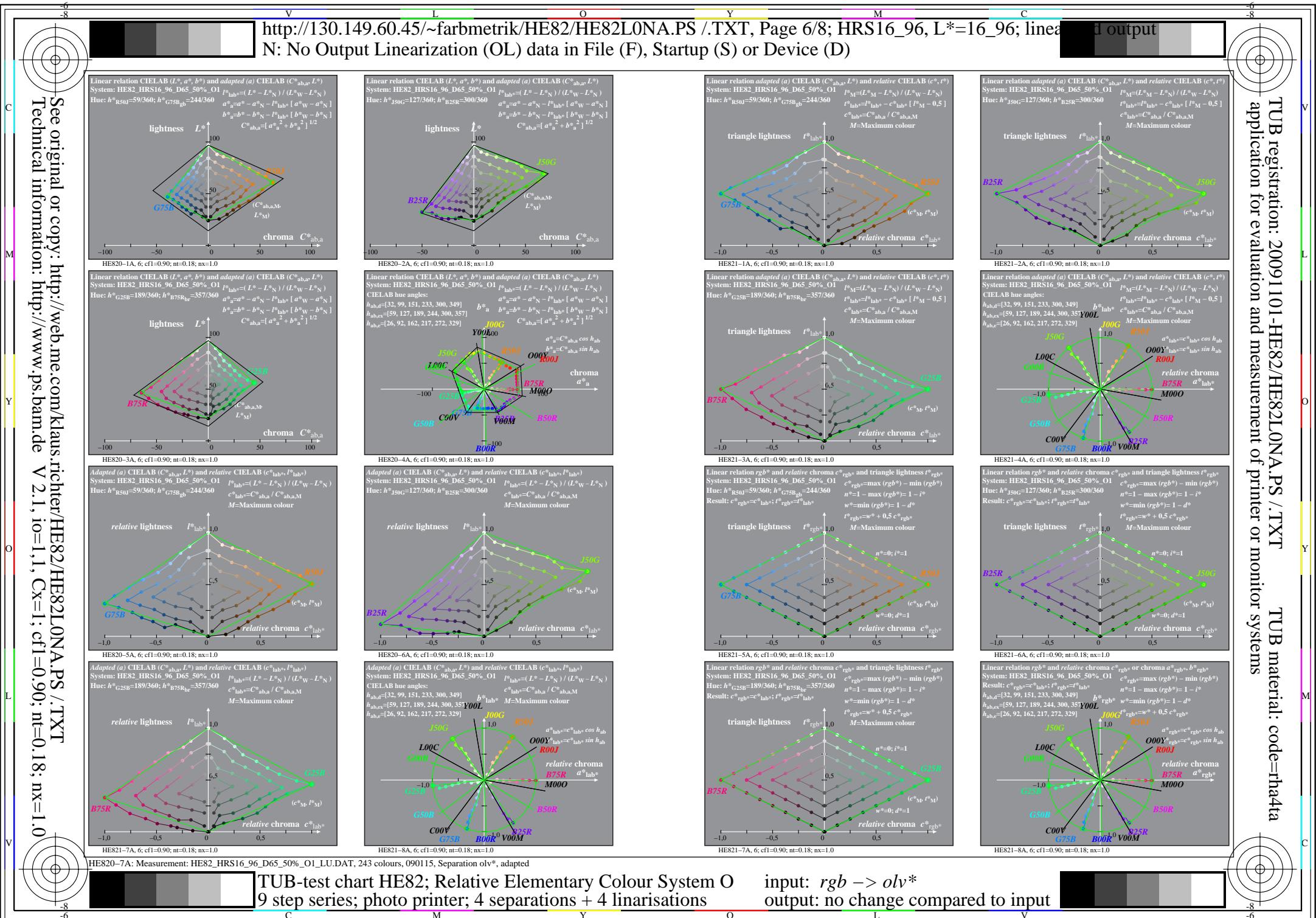
HE82-7A: Measurement: HE82_HRS16_96_D65_25%_O1_LU.DAT, 243 colours, 090115, Separation olv*, adapted

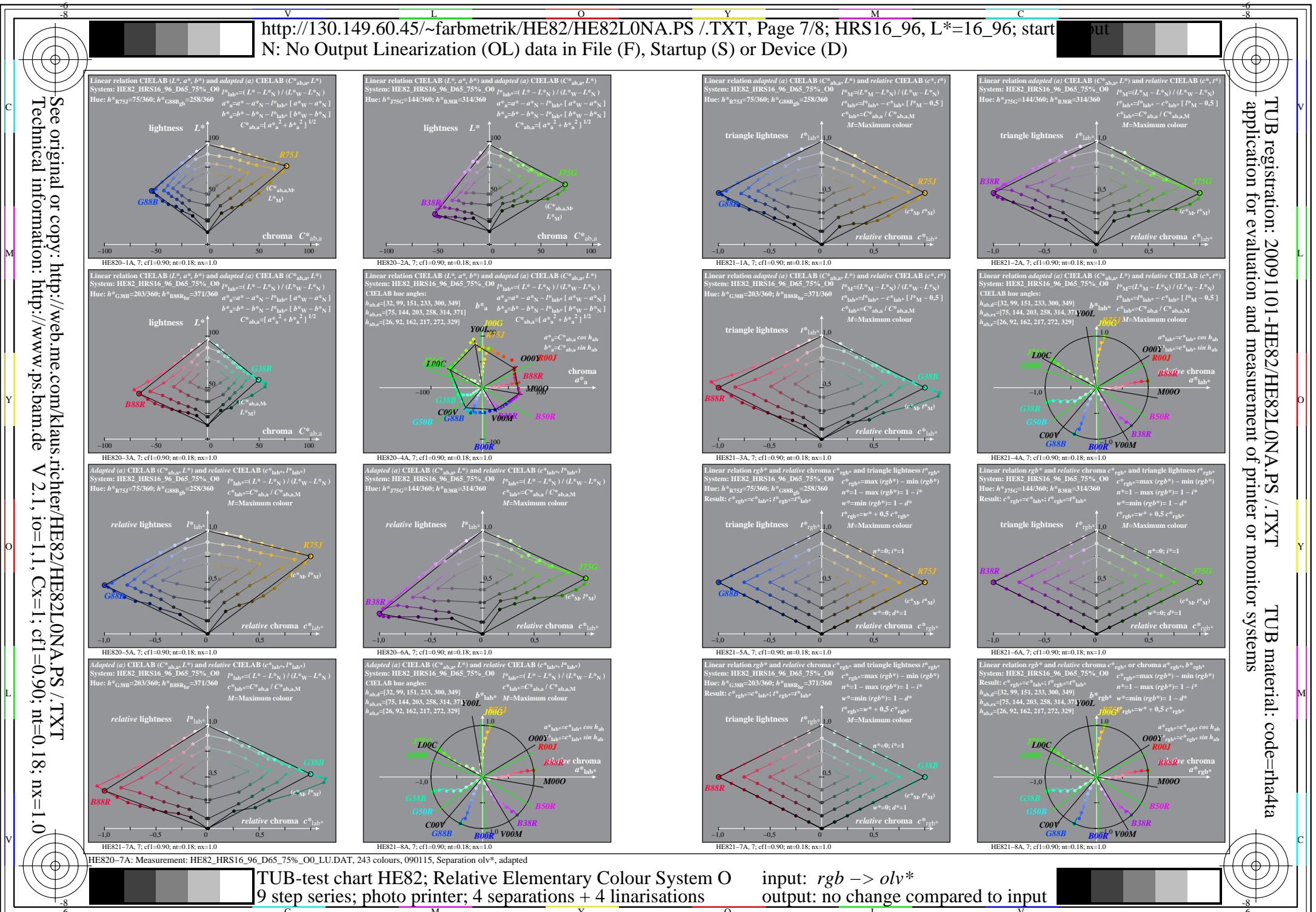
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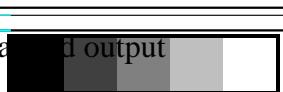




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Linear relation CIELAB (L^* , a^* , b^*) and adapted (a) CIELAB ($C^*_{ab,a}$, L^*)
System: HE82_HRS16_96_D65_75%_O1
 $I^*_{lab} = (L^* - L^*_{N}) / (L^*_{W} - L^*_{N})$
Hue: $h^*_{R75J}=75/360$; $h^*_{G88B}=258/360$
 $a^*_{ab,a} = a^* - a^*_{N} - I^*_{lab} \cdot [a^*_{W} - a^*_{N}]$
 $b^*_{ab,a} = b^* - b^*_{N} - I^*_{lab} \cdot [b^*_{W} - b^*_{N}]$
 $C^*_{ab,a} = [a^*_{ab,a}^2 + b^*_{ab,a}^2]^{1/2}$

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Linear relation adapted (a) CIELAB ($C^*_{ab,a}$, L^*) and relative CIELAB (c^*, t^*)
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 $t^*_{lab} = I^*_{lab} - c^*_{lab} / I^*_{M} - 0.5$
 $c^*_{lab} = C^*_{ab,a} / C^*_{ab,M}$
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 $CIELAB hue angles:$
 $h_{ab,d}=[32, 99, 151, 233, 300, 349]$
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