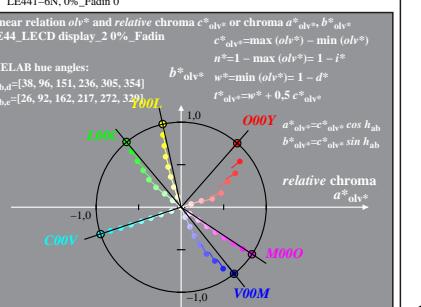
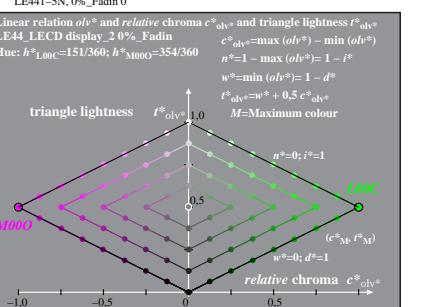
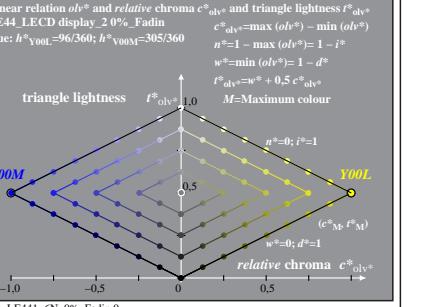
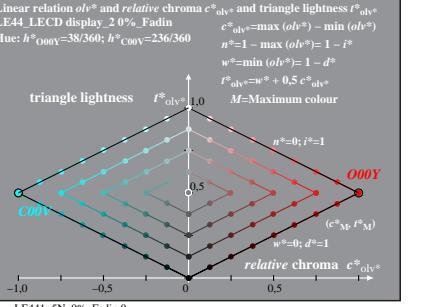
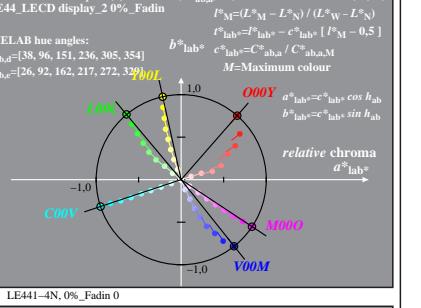
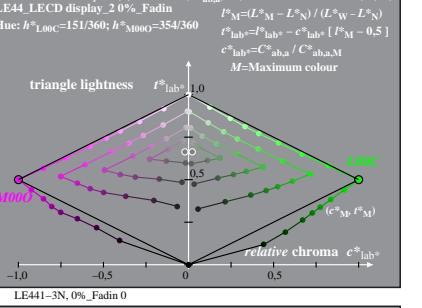
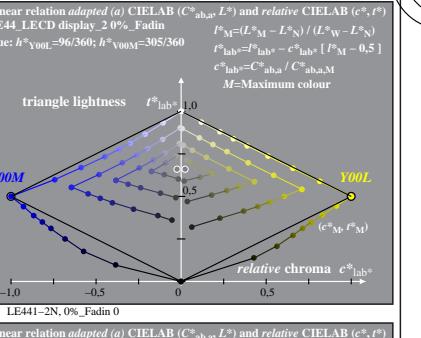
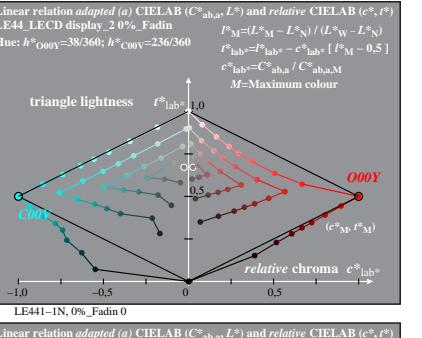
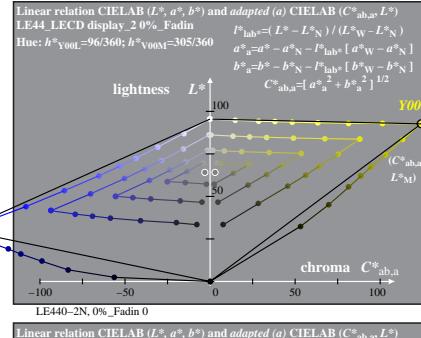
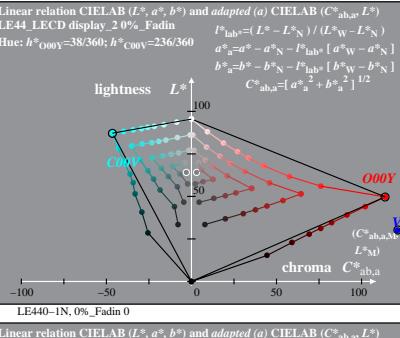


# TUB registration: 20101101-LE44/LE44L0NP.PDF /PS

TUB material: code=rha4ta



See original or copy: [http://web.me.com/klaus\\_richter/LE44/LE44L0NP.PDF /PS](http://web.me.com/klaus_richter/LE44/LE44L0NP.PDF /PS)  
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmefrik>



% LE440-7N, Test chart with 1080 standard colours; digital equidistant 9 step hue and achromatic scales;; luminance factor measured:  $Y_m$  and normalized:  $Y_n=Y_m/89$ , Page 1/16; display type: LCED\_low\_gloss\_100828\_2  
TUB-test chart LE44; 1080 colours of LECD display\_2;  $Lr=0\%$ ; Fadin  
CIELAB diagrams  $L^*-C^*$  for input and intended output (Fadin, Faeit)

input: *rgb setrgbcOLOR*  
output: no change

# TUB registration: 20101101-LE44/LE44L0NP.PDF /PS

## TUB material: code=rha4ta



<http://130.149.60.45/~farbmefrik/LE44/LE44L0NP.PDF /PS>; start output

N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 2/16

C

M

Y

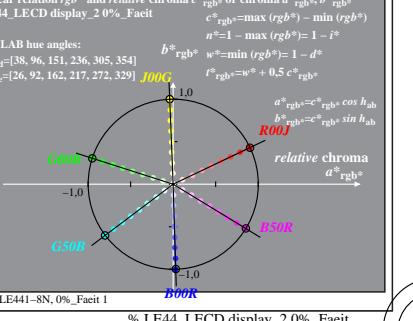
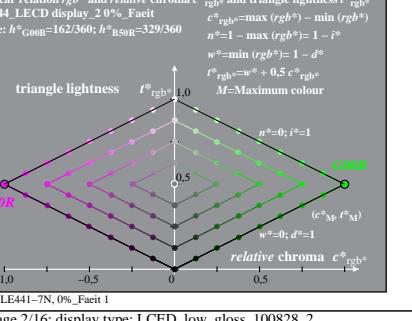
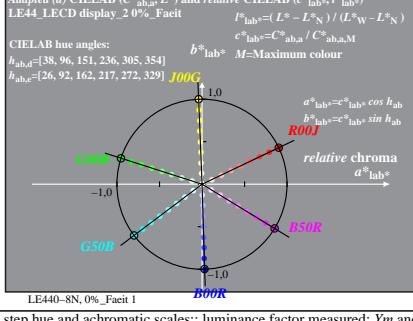
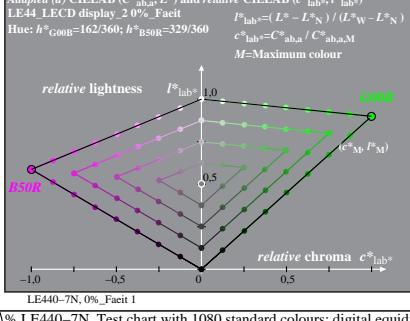
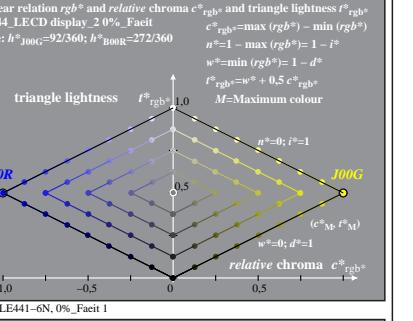
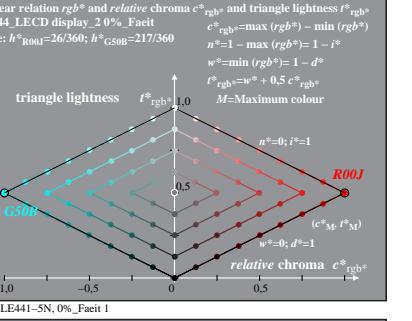
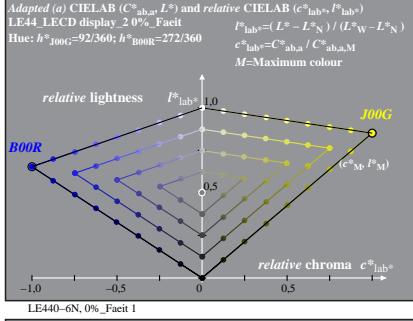
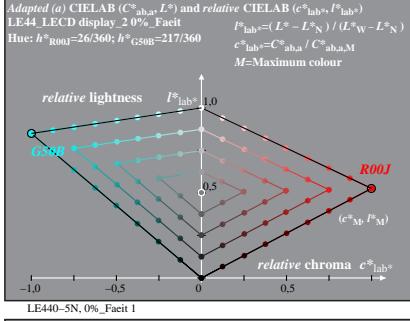
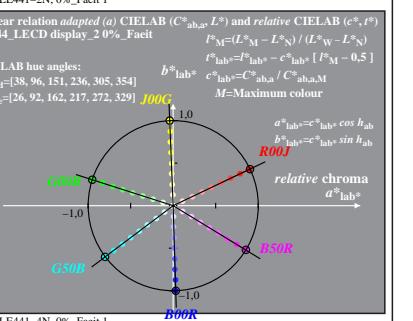
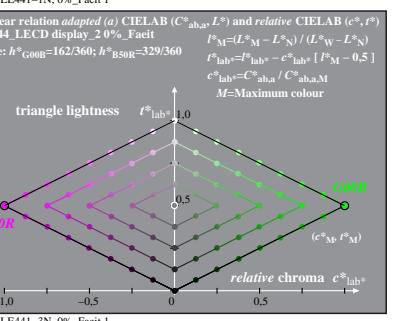
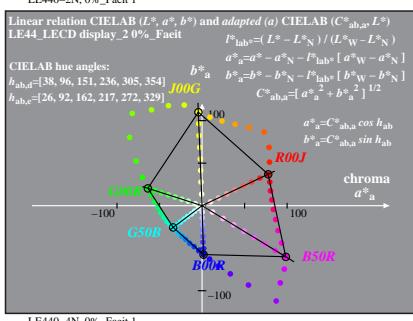
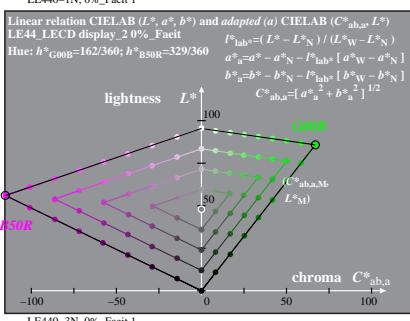
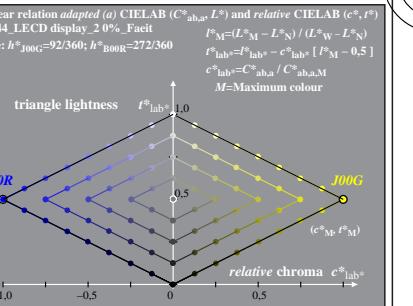
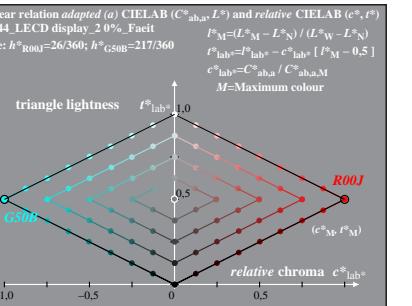
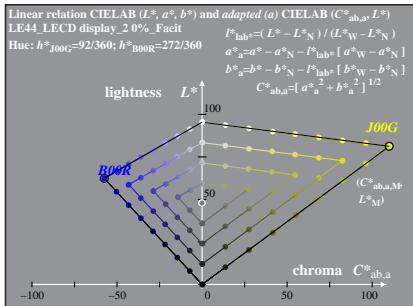
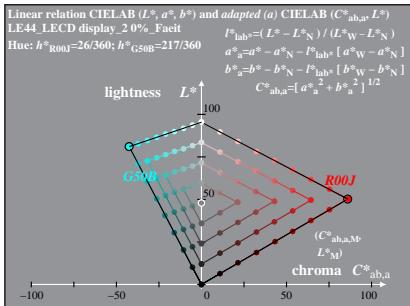
O

L

V

See original or copy: [http://web.me.com/klaus\\_richter/LE44/LE44L0NP.PDF /PS](http://web.me.com/klaus_richter/LE44/LE44L0NP.PDF /PS)

Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmefrik>



% LE44-7N, Test chart with 1080 standard colours; digital equidistant 9 step hue and achromatic scales;; luminance factor measured:  $Y_m$  and normalized:  $Y_n=Y_m=89$ , Page 2/16; display type: LCED\_low\_gloss\_1000828\_2

TUB-test chart LE44; 1080 colours of LECD display\_2;  $Lr=0\%$ ; Faeit  
CIELAB diagrams  $L^*-C^*$  for input and intended output (Fadin, Faeit)

input:  $rgb$  setrgbcolor  
output: no change



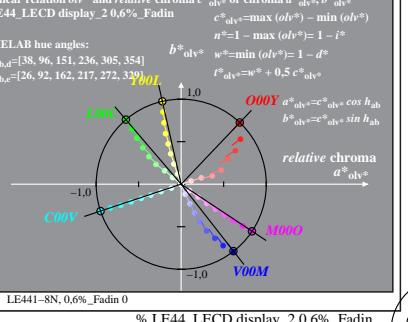
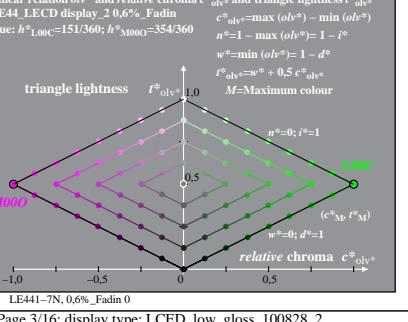
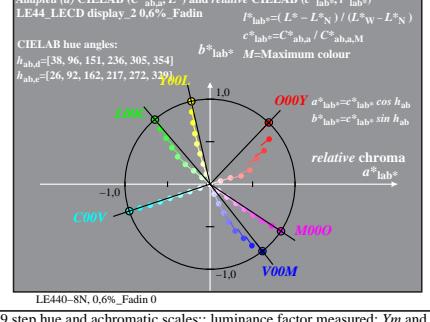
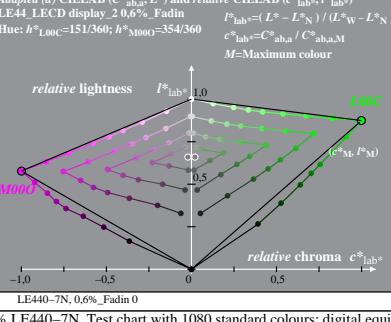
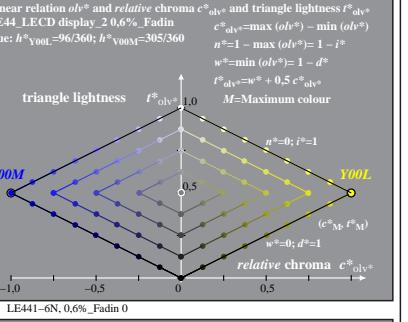
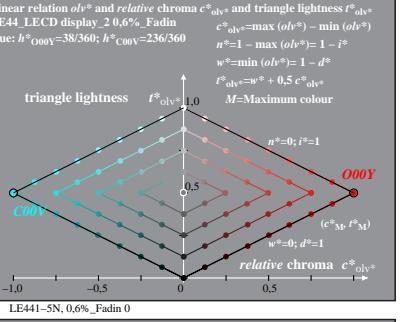
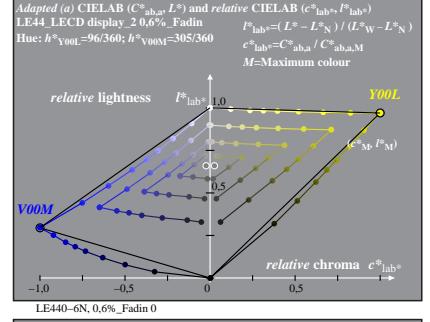
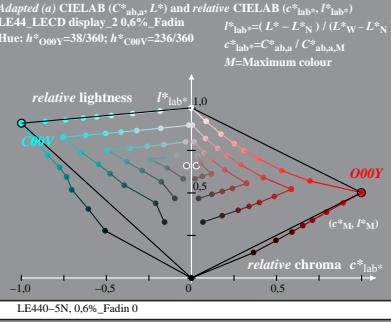
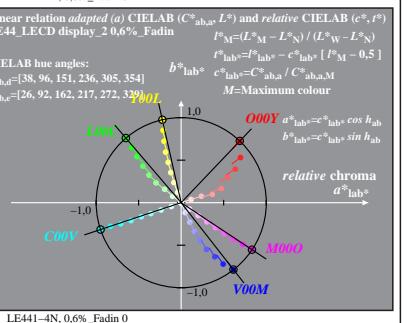
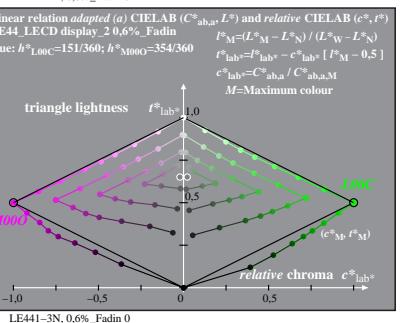
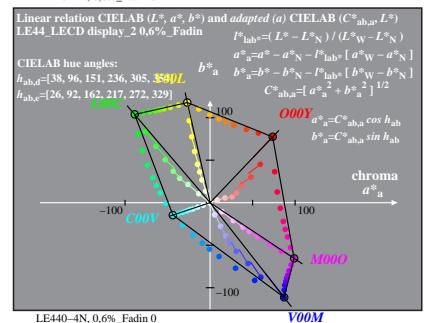
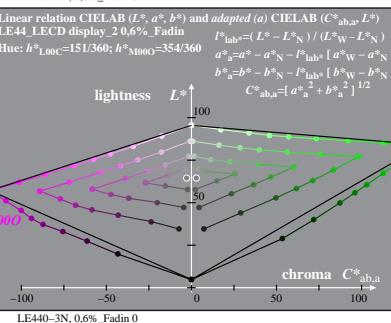
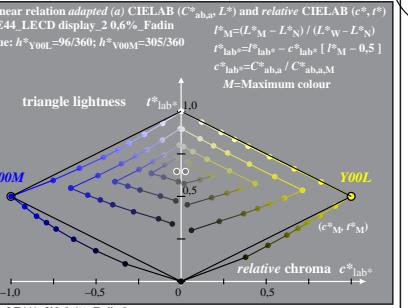
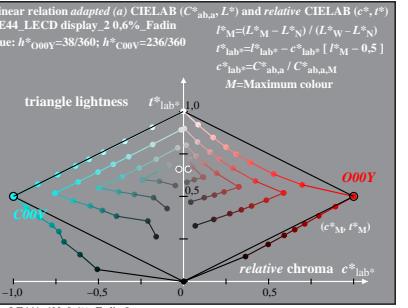
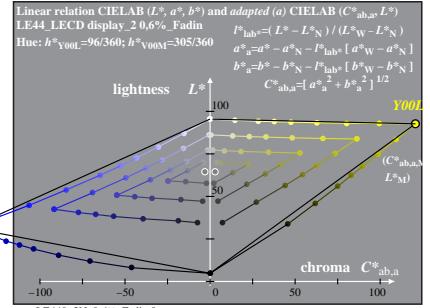
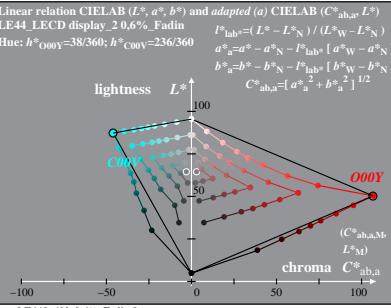
# TUB registration: 20101101-LE44/LE44L0NP.PDF /PS

TUB material: code=rha4ta



See original or copy: [http://web.me.com/klaus\\_richter/LE44/LE44L0NP.PDF /PS](http://web.me.com/klaus_richter/LE44/LE44L0NP.PDF /PS)

Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmefrik>



% LE44-7N, Test chart with 1080 standard colours; digital equidistant 9 step hue and achromatic scales;; luminance factor measured:  $Y_m$  and normalized:  $Y_n=Y_w=89$ , Page 3/16; display type: LCED\_low\_gloss\_100828\_2  
TUB-test chart LE44; 1080 colours of LECD display\_2;  $Lr=0.6\%$ ; Fadin  
CIELAB diagrams  $L^*-C^*$  for input and intended output (Fadin, Faeit)

input: `rgb setrgbcolor`  
output: no change

% LE44\_LCD display\_2 0.6%\_Fadin

# TUB registration: 20101101-LE44/LE44L0NP.PDF /PS

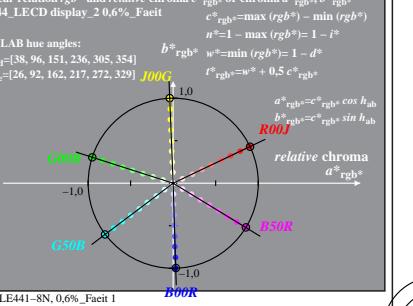
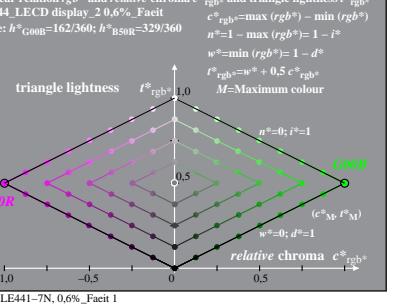
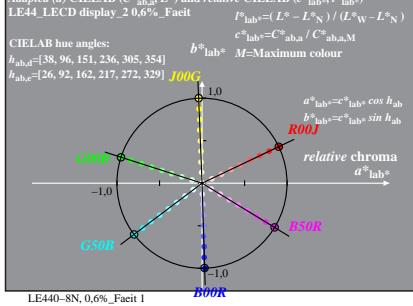
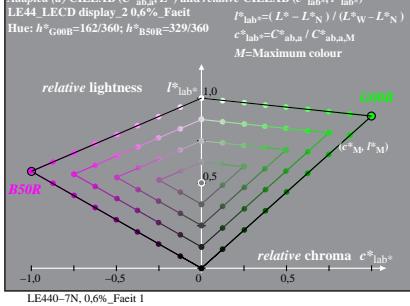
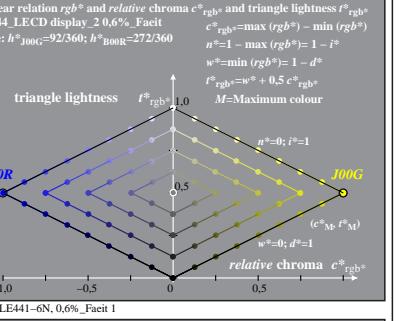
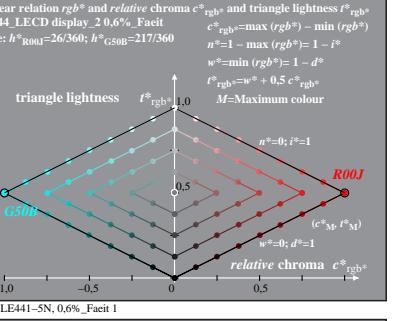
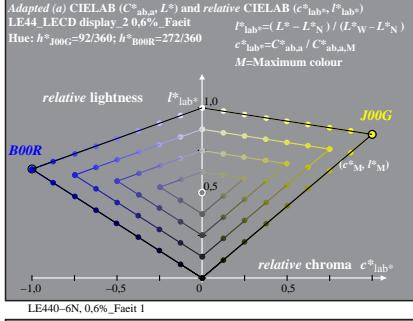
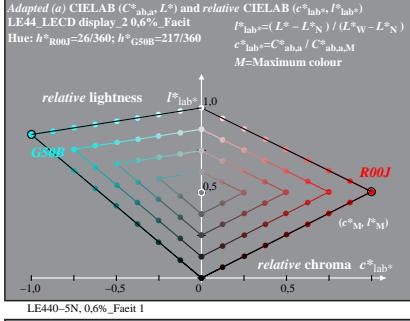
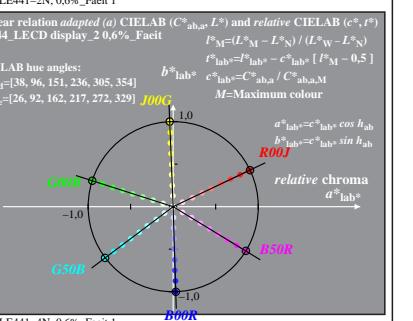
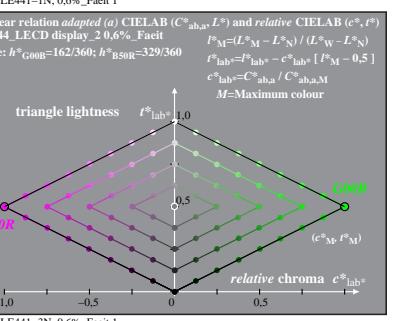
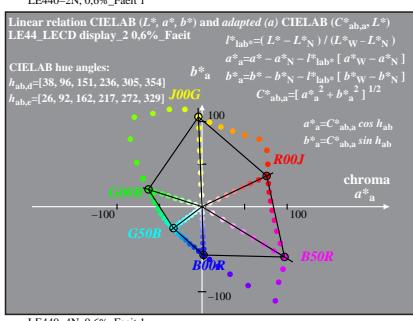
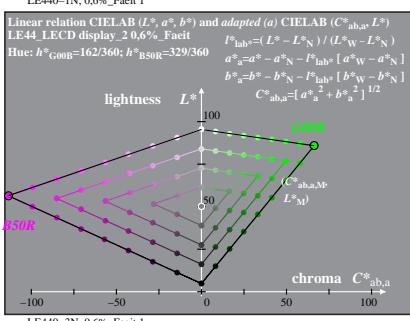
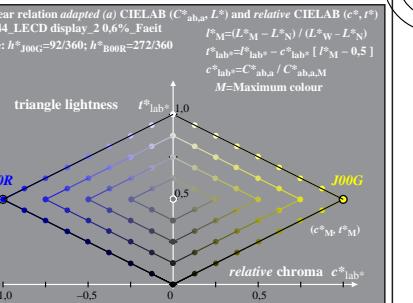
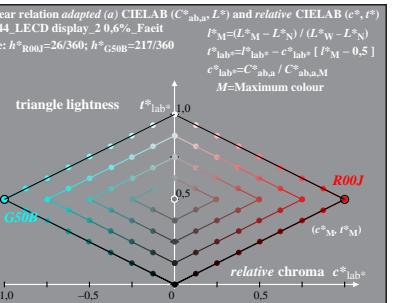
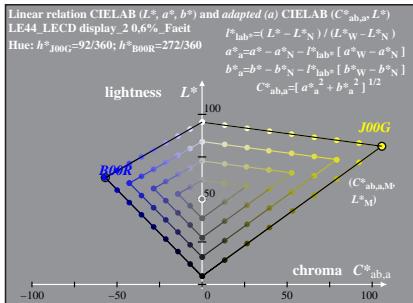
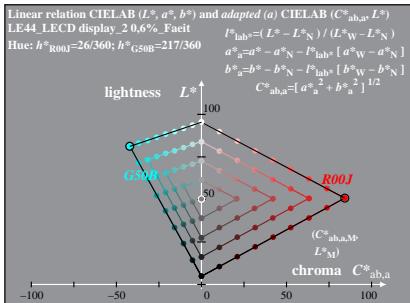
## TUB material: code=rha4ta



<http://130.149.60.45/~farbmefrik/LE44/LE44L0NP.PDF /PS>; start output

N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 4/16

See original or copy: [http://web.me.com/klaus\\_richter/LE44/LE44L0NP.PDF /PS](http://web.me.com/klaus_richter/LE44/LE44L0NP.PDF /PS)  
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmefrik>



TUB-test chart LE44; 1080 colours of LECD display\_2;  $Lr=0.6\%$ ; Faeit  
CIELAB diagrams  $L^*-C^*$  for input and intended output (Fadin, Faeit)

input:  $rgb\ setrgbcolor$   
output: no change

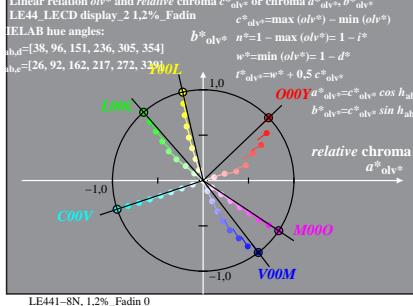
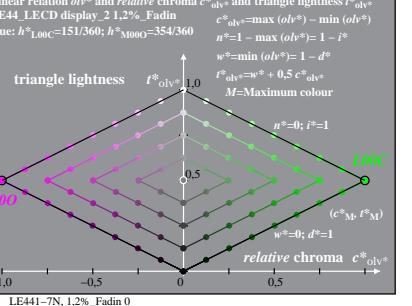
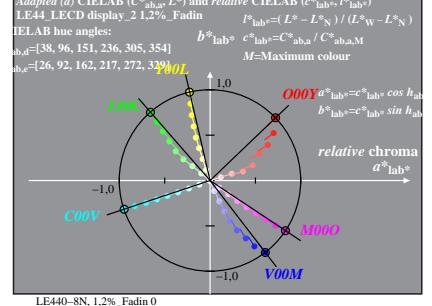
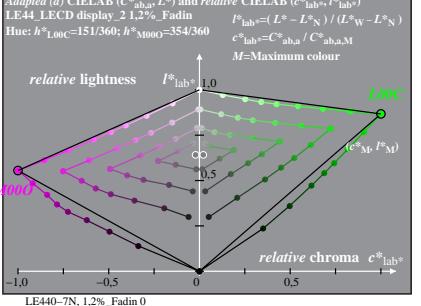
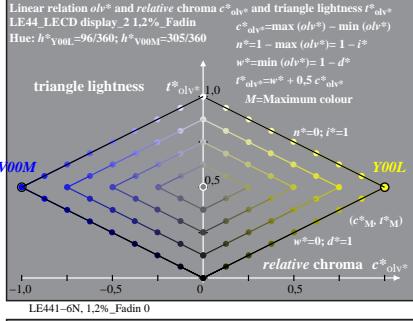
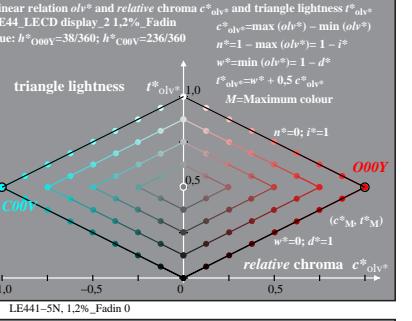
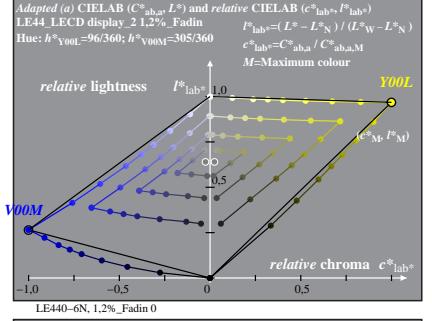
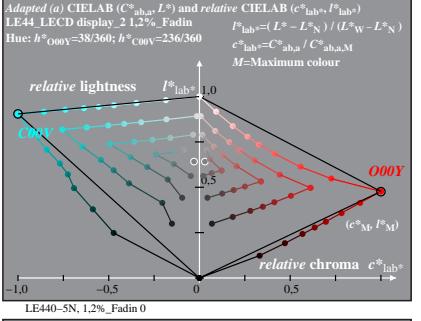
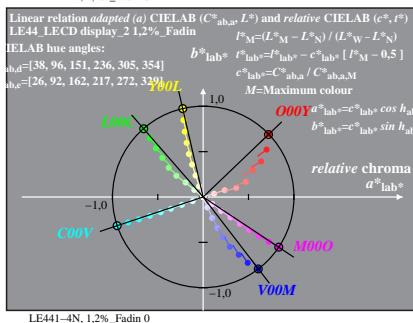
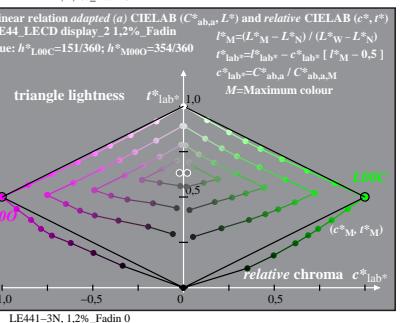
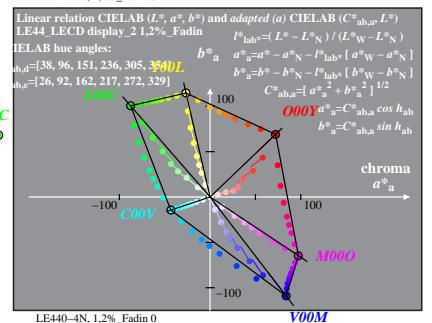
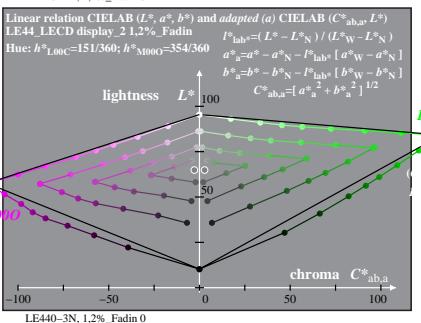
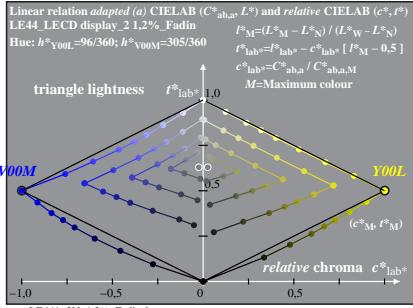
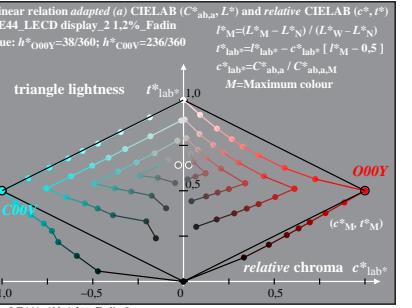
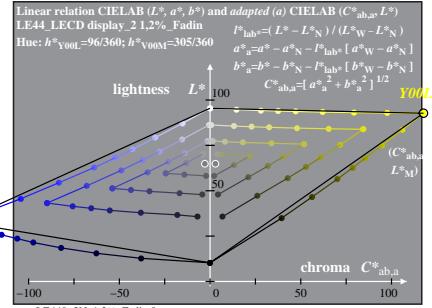
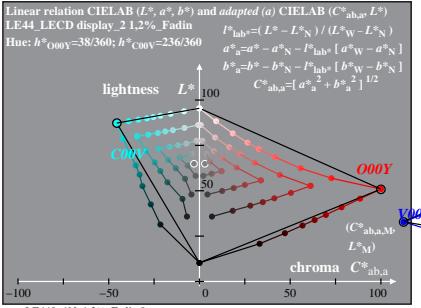


# TUB registration: 20101101-LE44/LE44L0NP.PDF /PS

TUB material: code=rha4ta



See original or copy: [http://web.me.com/klaus\\_richter/LE44/LE44L0NP.PDF /PS](http://web.me.com/klaus_richter/LE44/LE44L0NP.PDF /PS)  
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmefrik>



% LE44-7N, Test chart with 1080 standard colours; digital equidistant 9 step hue and achromatic scales;; luminance factor measured:  $Y_m$  and normalized:  $Y_n=Y_m/89$ , Page 5/16; display type: LCED\_low\_gloss\_100828\_2

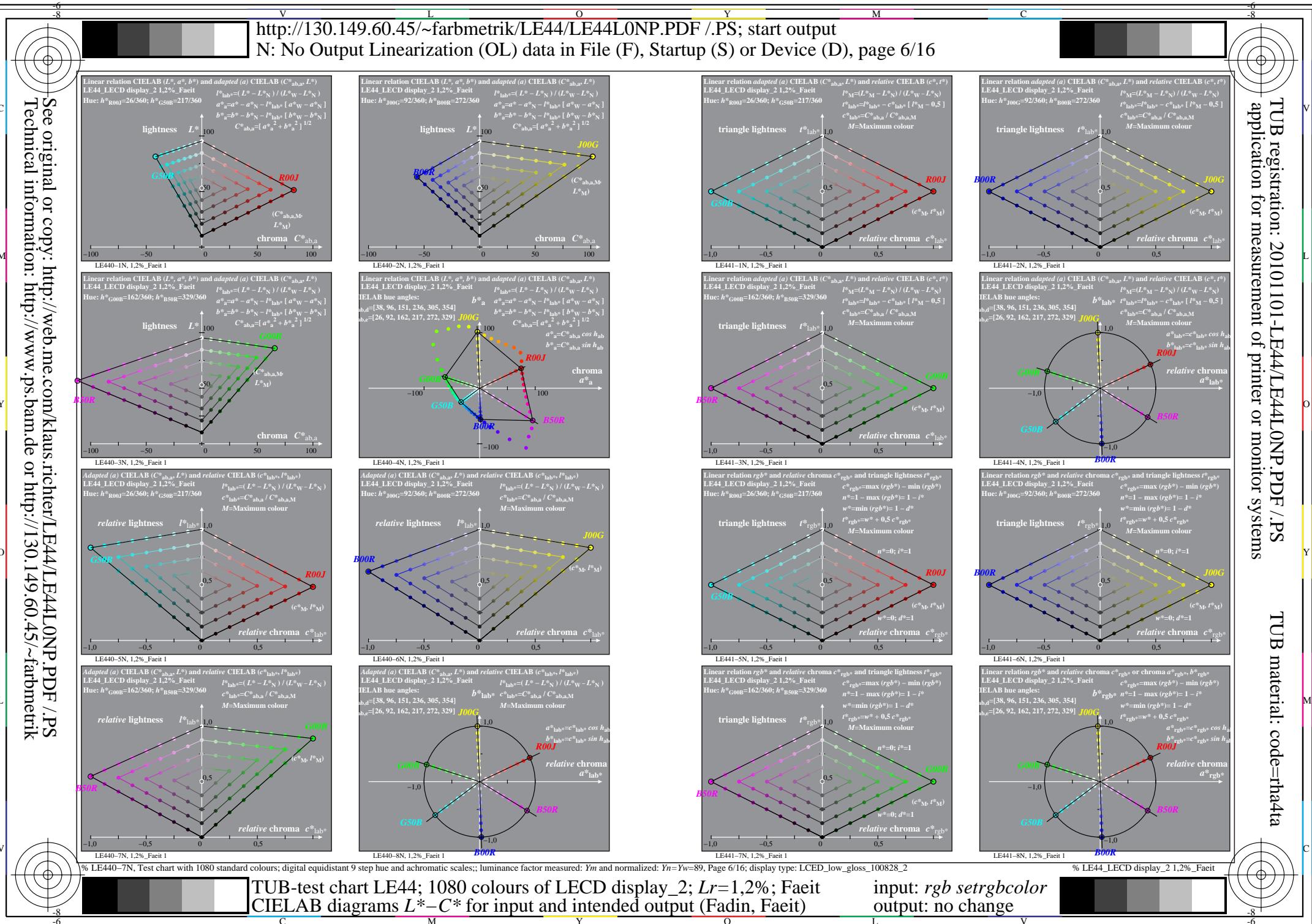
TUB-test chart LE44; 1080 colours of LECD display\_2;  $Lr=1.2\%$ ; Fadin  
CIELAB diagrams  $L^*-C^*$  for input and intended output (Fadin, Faeit)

input: `rgb setrgbcolor`  
output: no change



# TUB registration: 20101101-LE44/LE44L0NP.PDF/.PS

TUB application for measurement of printer or monitor systems



# TUB registration: 20101101-LE44/LE44L0NP.PDF /PS

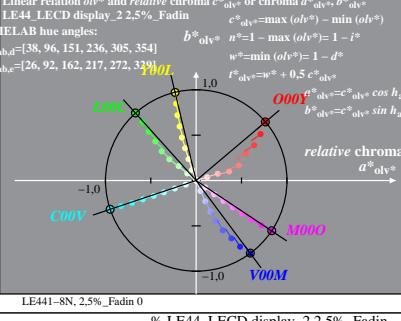
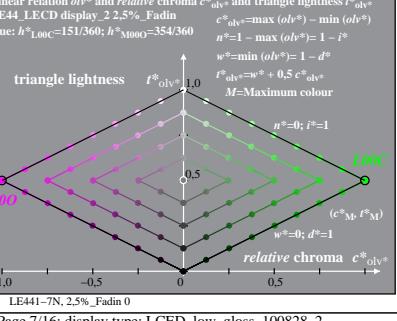
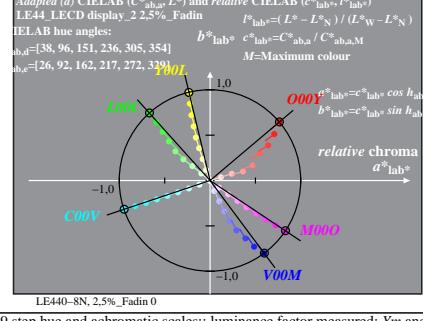
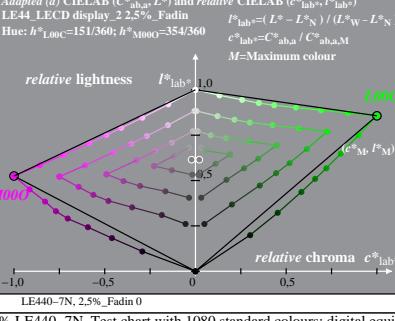
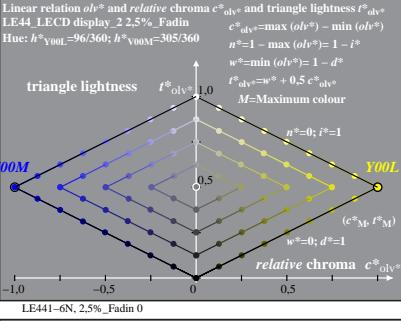
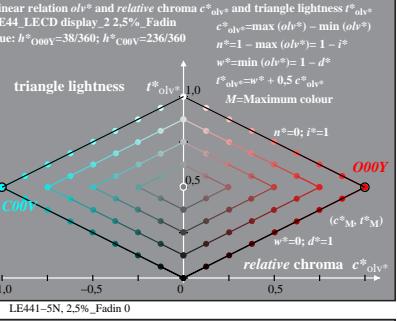
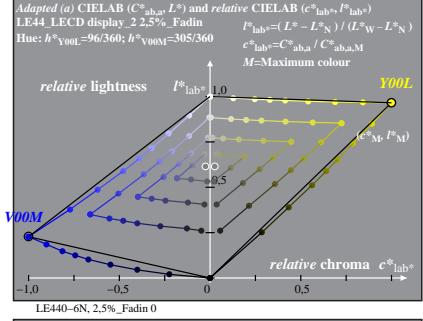
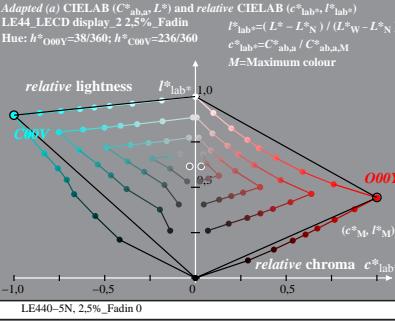
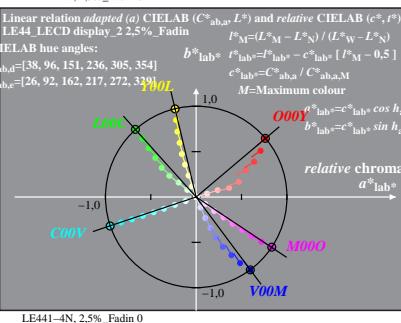
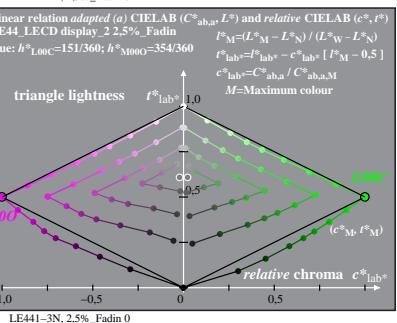
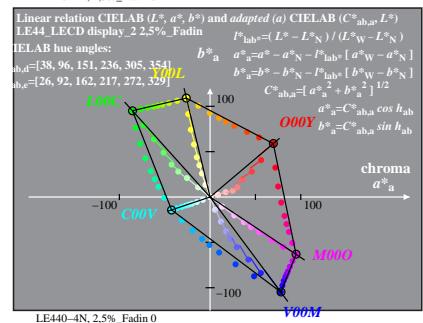
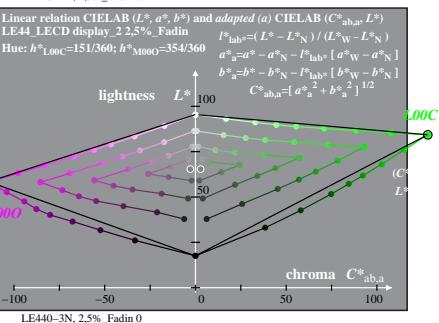
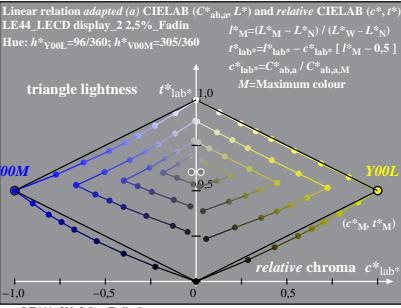
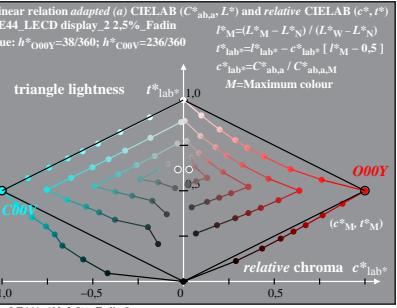
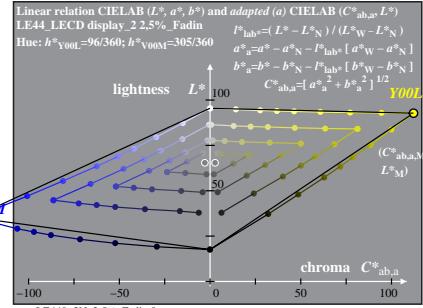
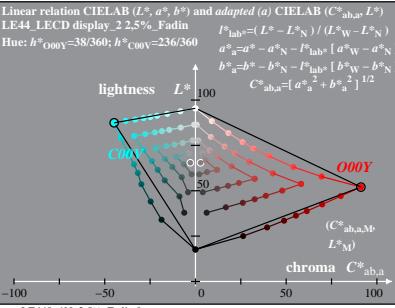
TUB material: code=rha4ta

<http://130.149.60.45/~farbmefrik/LE44/LE44L0NP.PDF /PS>; start output

N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 7/16

See original or copy: [http://web.me.com/klaus\\_richter/LE44/LE44L0NP.PDF /PS](http://web.me.com/klaus_richter/LE44/LE44L0NP.PDF /PS)

Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmefrik>



TUB-test chart LE44; 1080 colours of LECD display\_2;  $Lr=2.5\%$ ; Fadin  
CIELAB diagrams  $L^*-C^*$  for input and intended output (Fadin, Faeit)

input: `rgb setrgbcOLOR`  
output: no change



# TUB registration: 20101101-LE44/LE44L0NP.PDF /PS

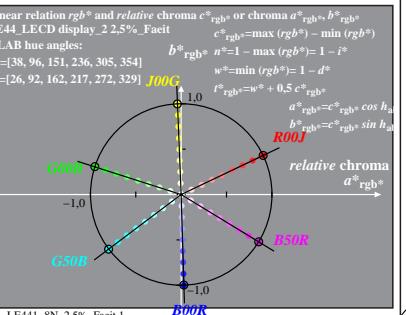
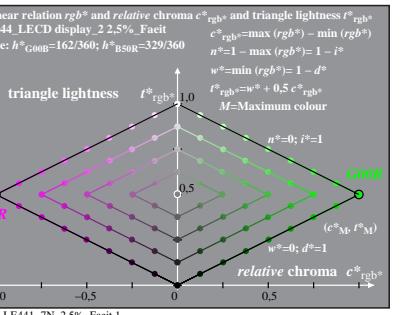
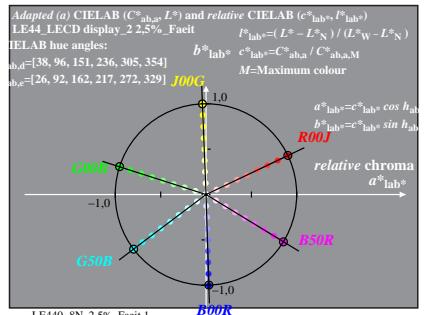
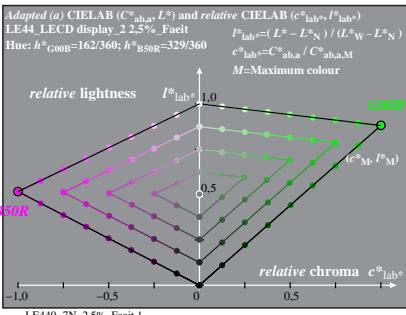
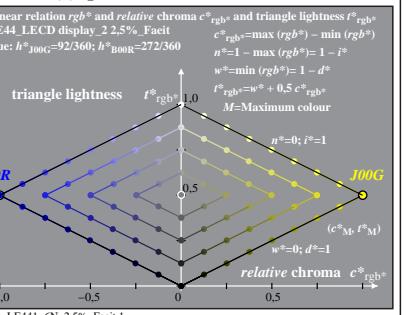
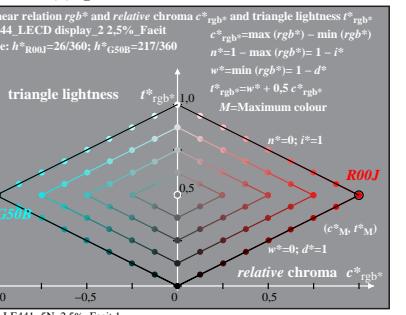
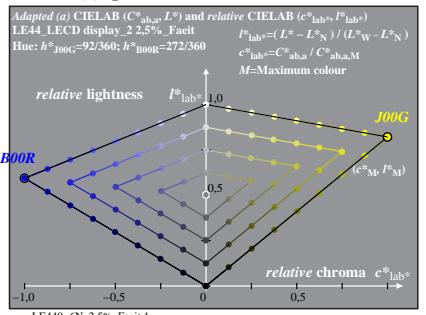
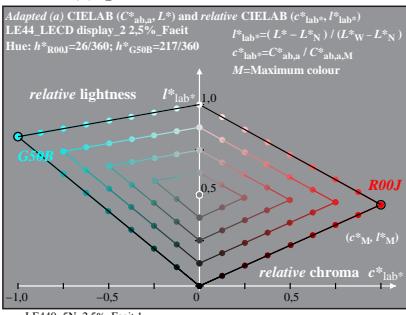
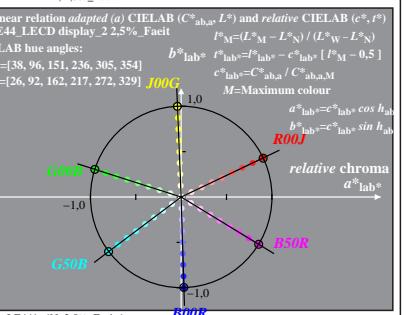
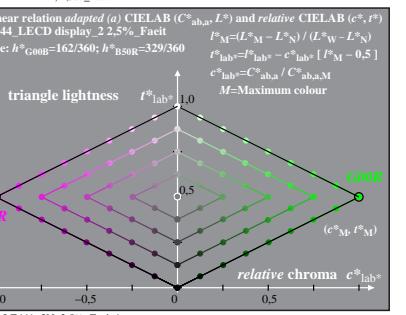
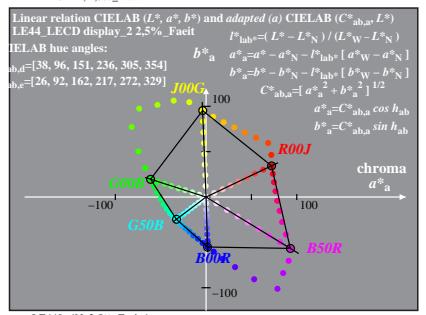
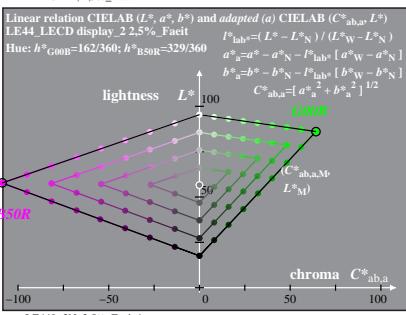
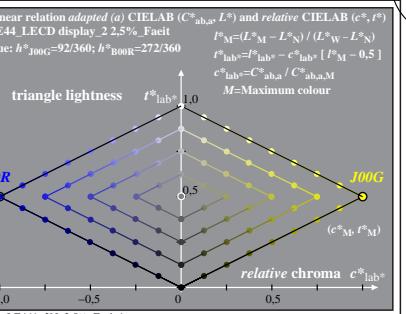
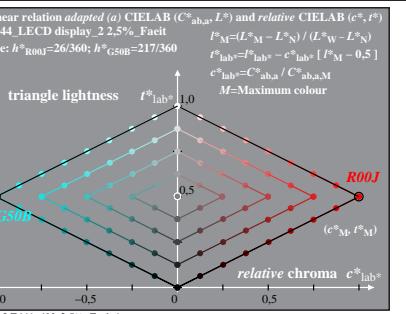
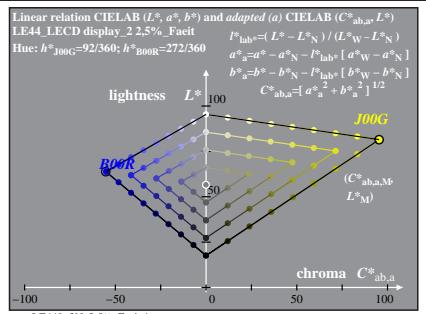
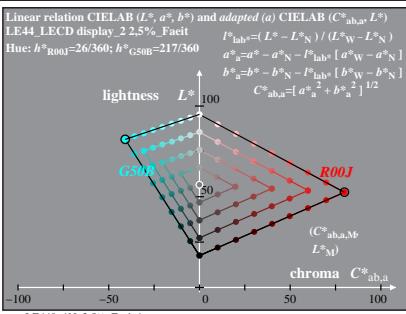
TUB application for measurement of printer or monitor systems

<http://130.149.60.45/~farbmefrik/LE44/LE44L0NP.PDF /PS>; start output

N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 8/16

See original or copy: [http://web.me.com/klaus\\_richter/LE44/LE44L0NP.PDF /PS](http://web.me.com/klaus_richter/LE44/LE44L0NP.PDF /PS)

Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmefrik>



TUB-test chart LE44; 1080 colours of LECD display\_2;  $Lr=2.5\%$ ; Faeit  
CIELAB diagrams  $L^*-C^*$  for input and intended output (Fadin, Faeit)

input:  $rgb$  setrgbcolor  
output: no change

% LE44-7N, Test chart with 1080 standard colours; digital equidistant 9 step hue and achromatic scales;; luminance factor measured:  $Y_m$  and normalized:  $Y_n=Y_m=89$ , Page 8/16; display type: LCED\_low\_gloss\_1000828\_2

# TUB registration: 20101101-LE44/LE44L0NP.PDF /PS

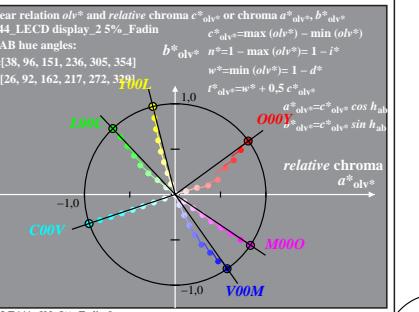
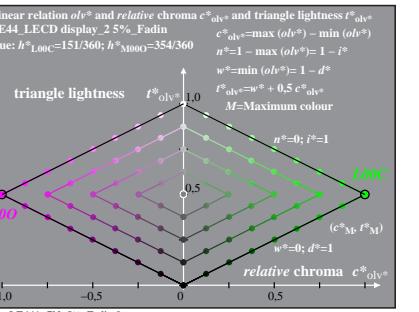
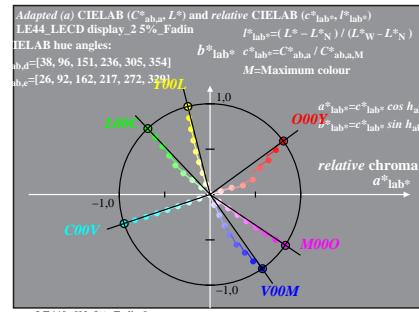
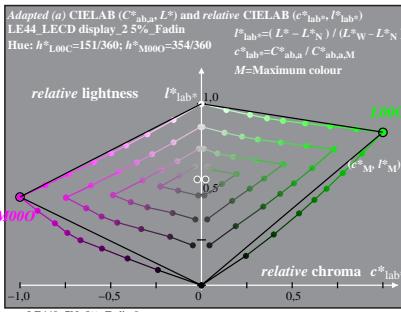
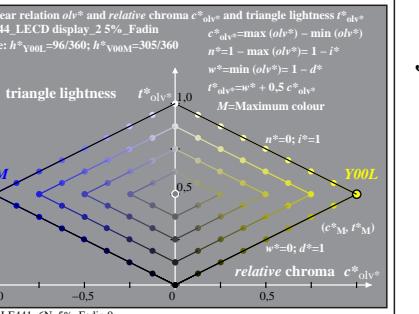
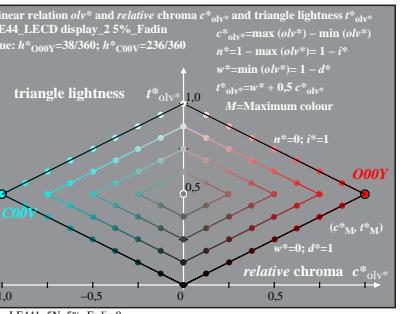
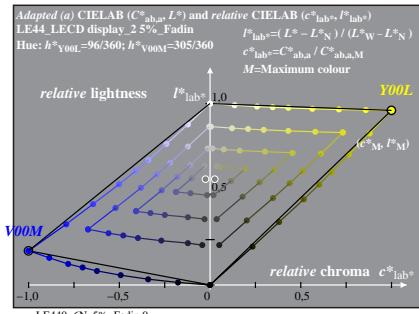
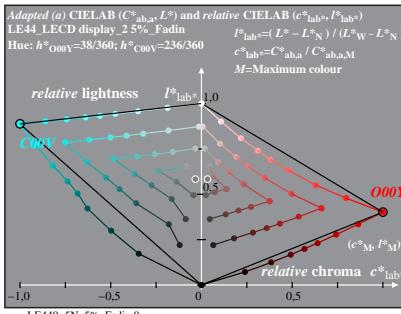
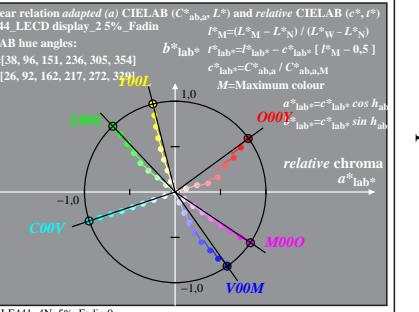
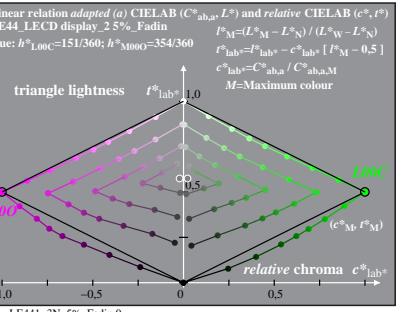
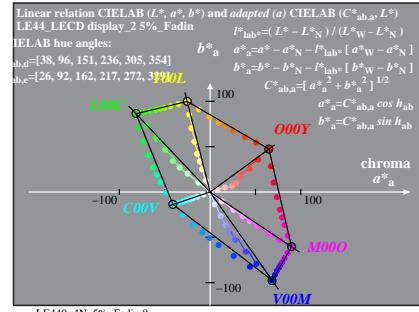
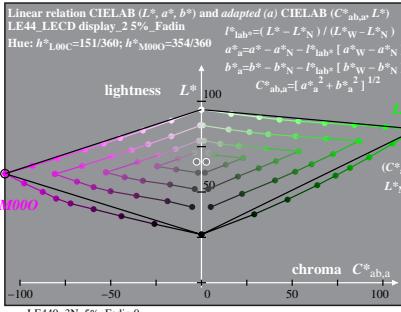
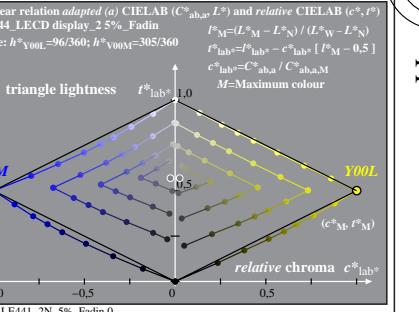
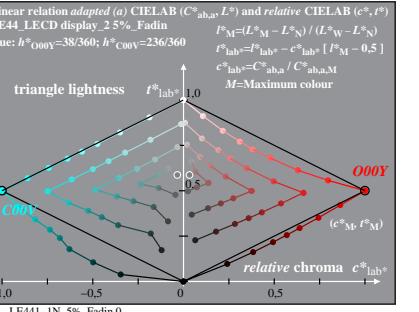
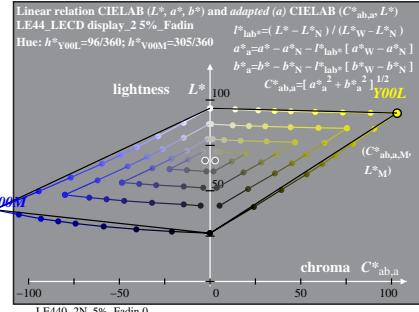
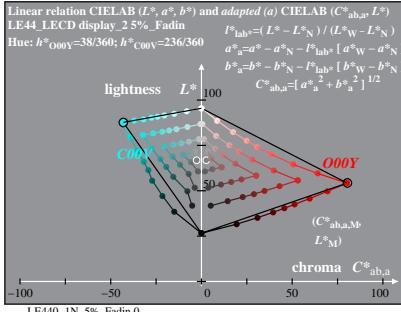
TUB material: code=rha4ta

<http://130.149.60.45/~farbmefrik/LE44/LE44L0NP.PDF /PS>; start output

N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 9/16

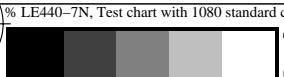
See original or copy: [http://web.me.com/klaus\\_richter/LE44/LE44L0NP.PDF /PS](http://web.me.com/klaus_richter/LE44/LE44L0NP.PDF /PS)

Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmefrik>



% LE44-7N, Test chart with 1080 standard colours; digital equidistant 9 step hue and achromatic scales;; luminance factor measured:  $Y_m$  and normalized:  $Y_n=Y_m=89$ , Page 9/16; display type: LCED\_low\_gloss\_100828\_2  
TUB-test chart LE44; 1080 colours of LECD display\_2;  $Lr=5\%$ ; Fadin  
CIELAB diagrams  $L^*-C^*$  for input and intended output (Fadin, Faeit)

input: `rgb setrgbc`  
output: no change



# TUB registration: 20101101-LE44/LE44L0NP.PDF /PS

TUB material: code=rha4ta

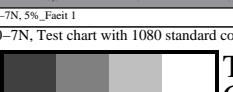
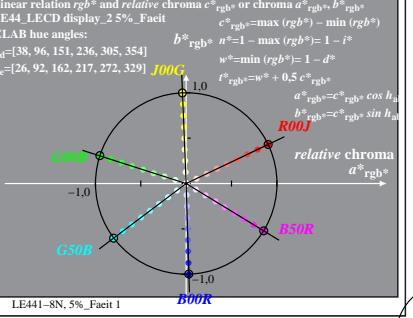
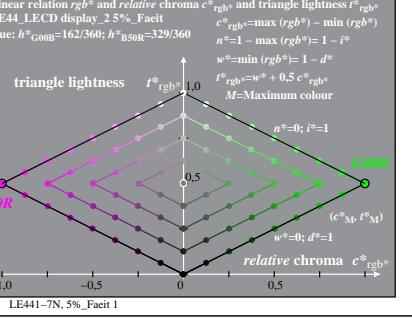
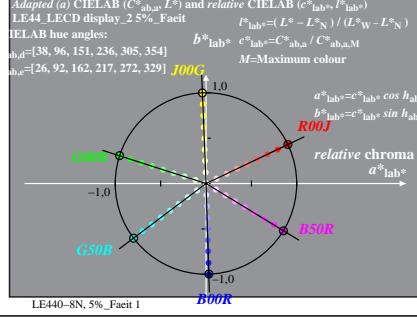
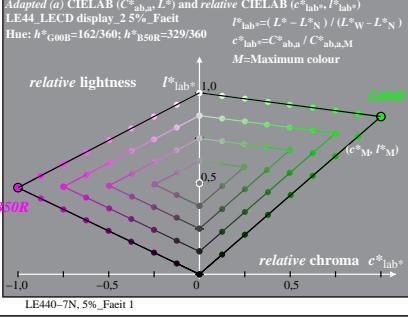
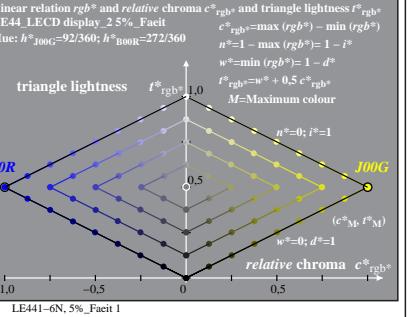
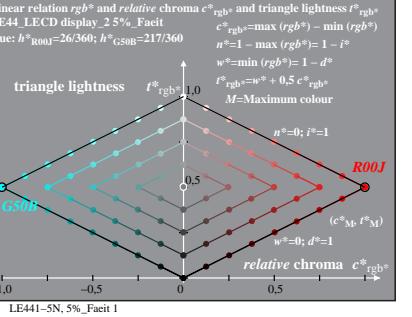
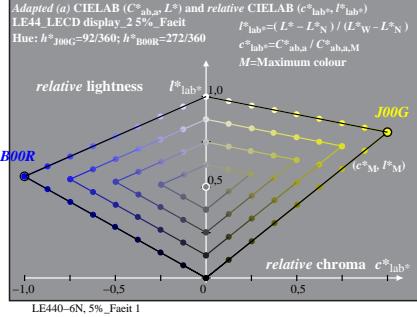
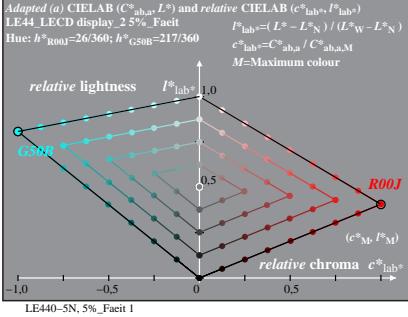
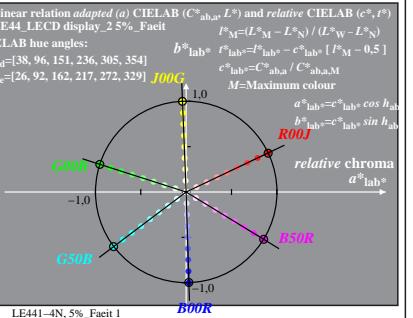
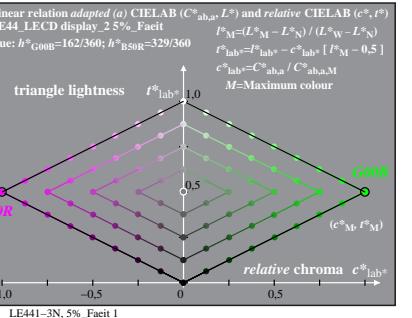
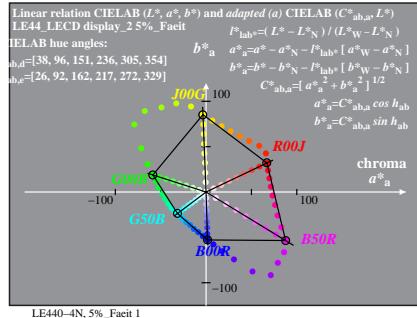
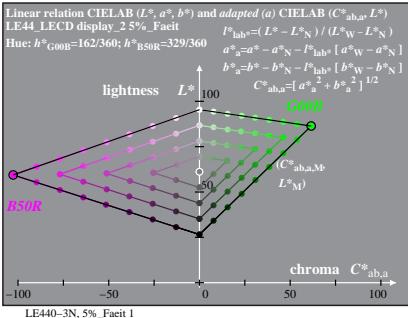
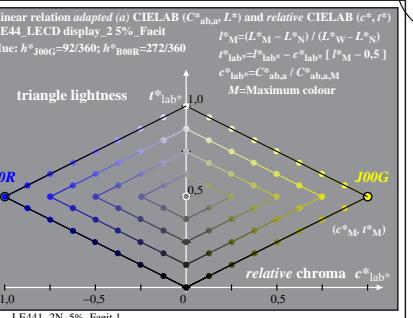
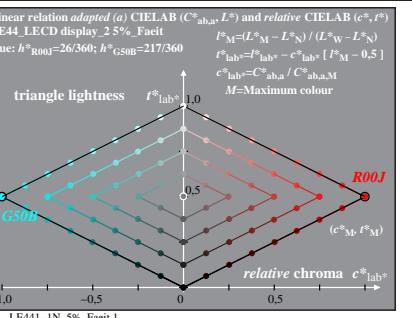
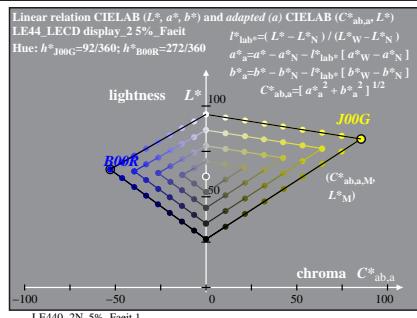
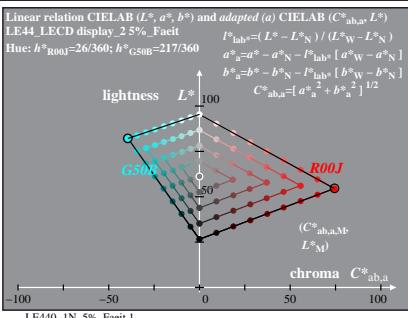


TUB-test chart LE44; 1080 colours of LECD display\_2; Lr=5%; Faeit CIELAB diagrams  $L^*-C^*$  for input and intended output (Fadin, Faeit)

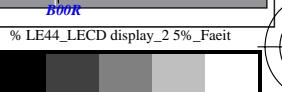
input: `rgb setrgbcolor`  
output: no change



See original or copy: [http://web.me.com/klaus\\_richter/LE44/LE44L0NP.PDF /PS](http://web.me.com/klaus_richter/LE44/LE44L0NP.PDF /PS)  
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmefrik>

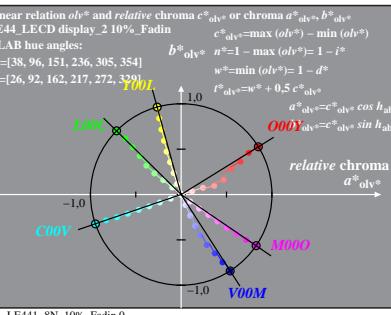
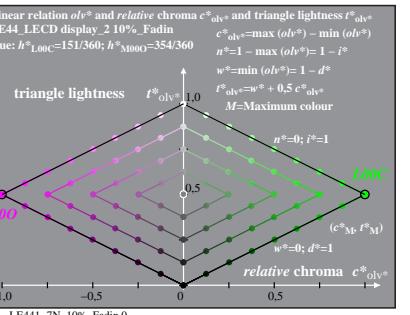
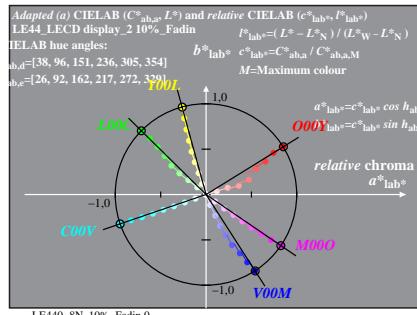
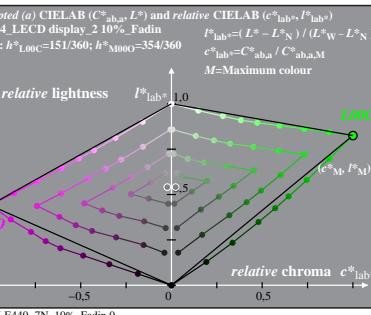
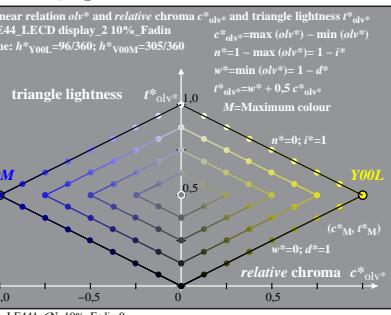
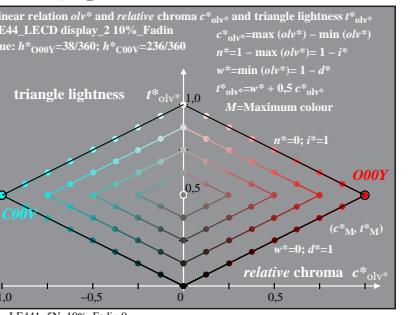
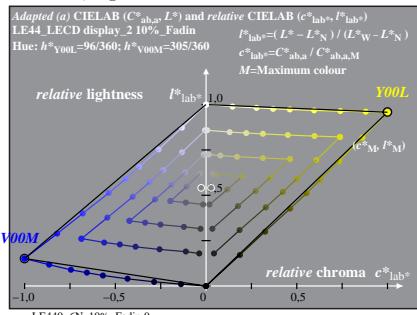
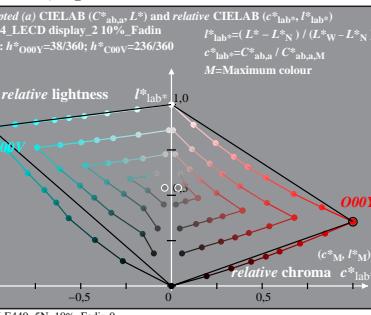
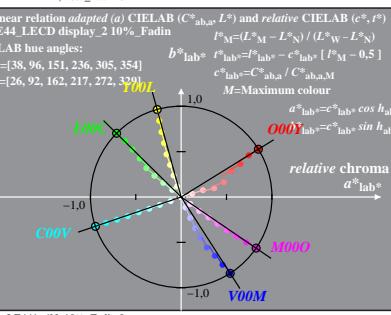
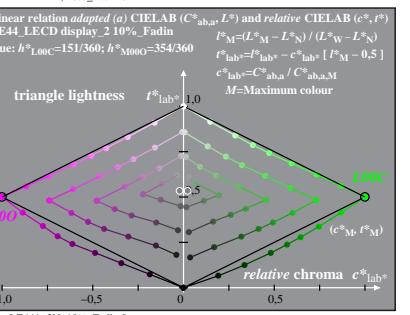
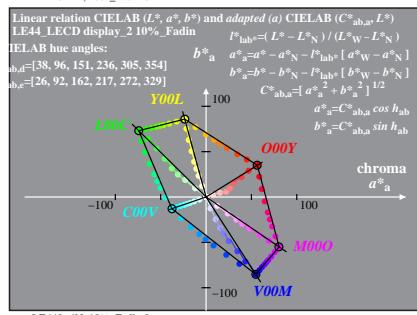
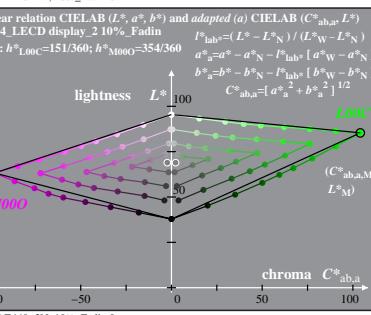
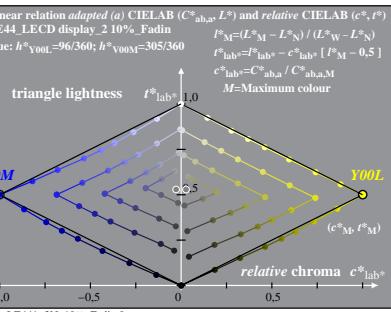
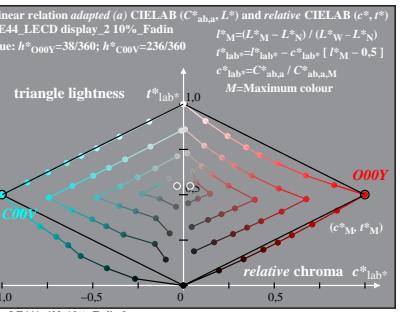
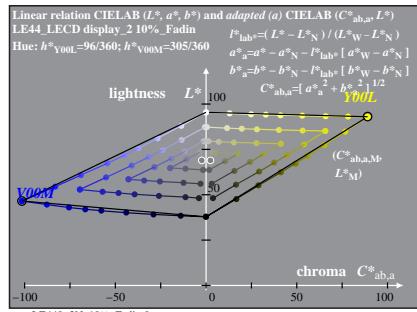
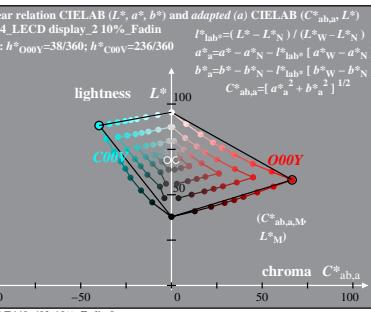


% LE44-7N, Test chart with 1080 standard colours; digital equidistant 9 step hue and achromatic scales;; luminance factor measured:  $Y_m$  and normalized:  $Y_n=Y_m=89$ , Page 10/16; display type: LCED\_low\_gloss\_100828\_2



# TUB registration: 20101101-LE44/LE44L0NP.PDF /PS

TUB material: code=rha4ta



TUB-test chart LE44; 1080 colours of LECD display\_2; Lr=10%; Fadin  
CIELAB diagrams  $L^*-C^*$  for input and intended output (Fadin, Faeit)

input: `rgb setrgbcolor`  
output: no change

C

Y

L

V

-8

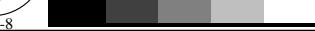


M

O

O

-6



N

P

P

-8



V

O

M

C

TUB registration: 20101101-LE44/LE44L0NP.PDF /PS  
application for measurement of printer or monitor systems

TUB material: code=rha4ta

V L O Y M C

<http://130.149.60.45/~farbmefrik/LE44/LE44L0NP.PDF /PS>; start output

N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 12/16

TUB-test chart LE44; 1080 colours of LECD display\_2;  $Lr=10\%$ ; Faeit  
CIELAB diagrams  $L^*-C^*$  for input and intended output (Fadin, Faeit)

input:  $rgb$  setrgbcolor  
output: no change



C

M

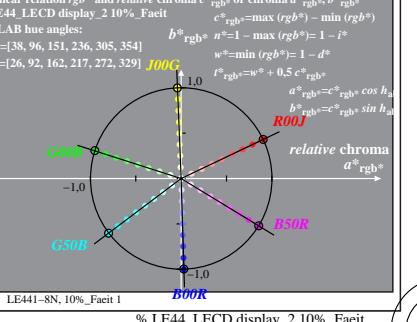
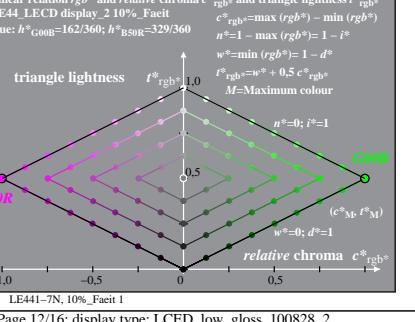
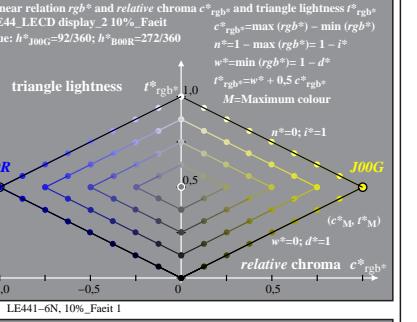
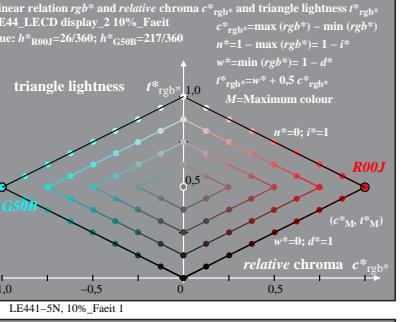
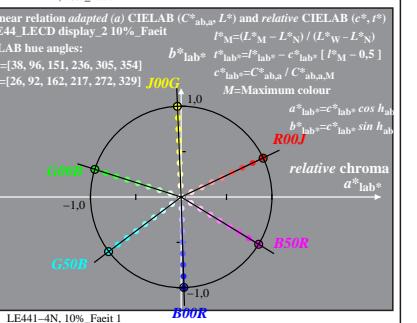
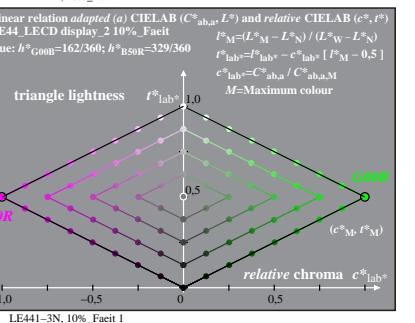
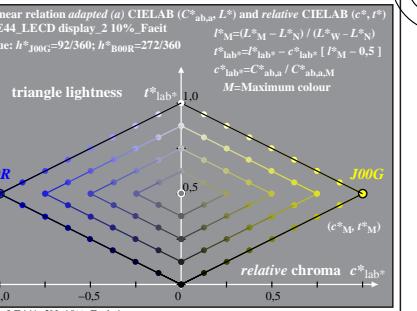
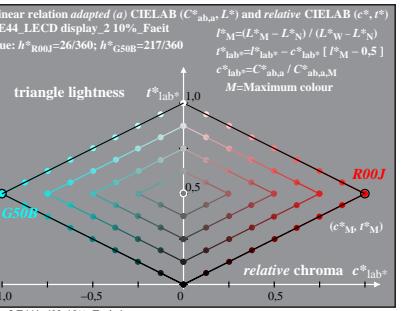
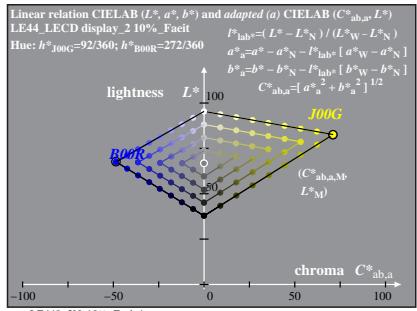
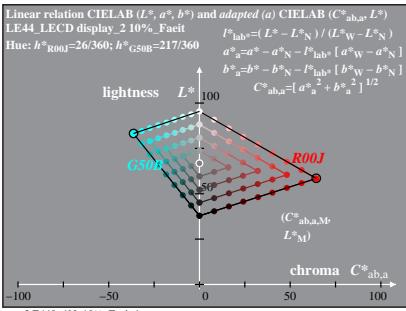
Y

O

L

V

-8



% LE440-7N, Test chart with 1080 standard colours; digital equidistant 9 step hue and achromatic scales;; luminance factor measured:  $Ym$  and normalized:  $Yn=Ym/89$ , Page 12/16; display type: LCED\_low\_gloss\_100828\_2



% LE44 LCD display\_2 10%\_Faeit

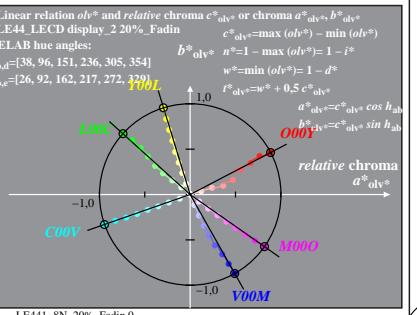
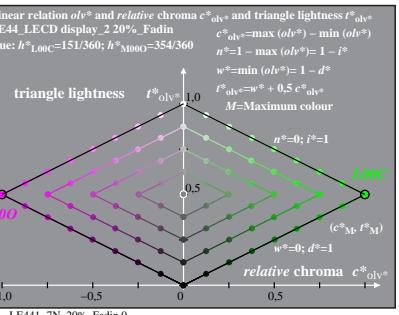
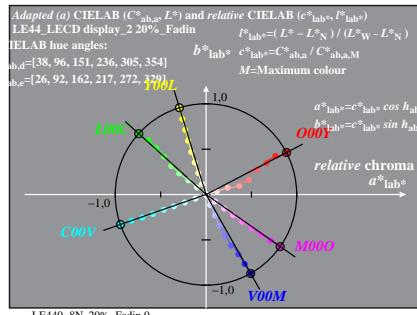
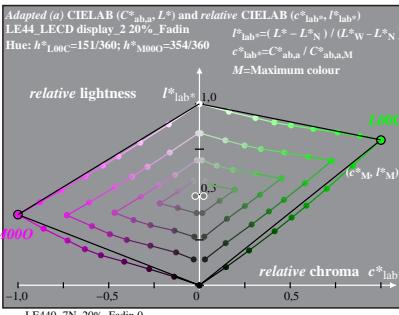
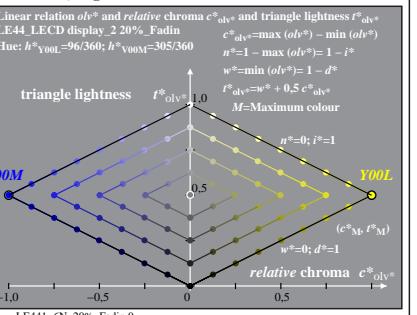
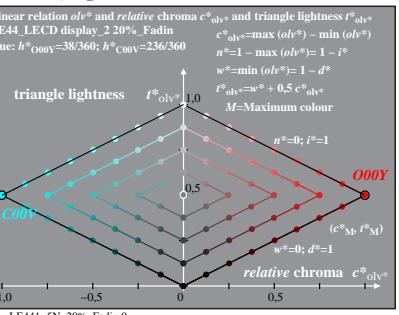
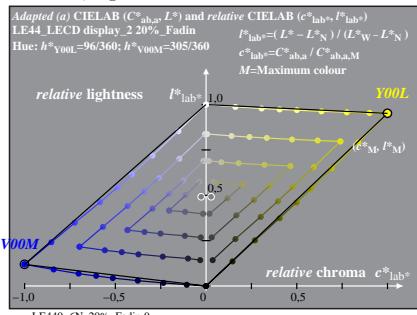
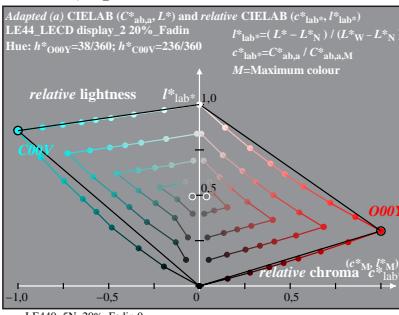
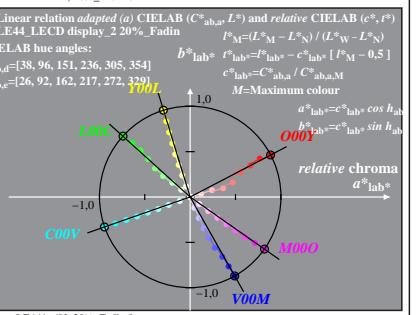
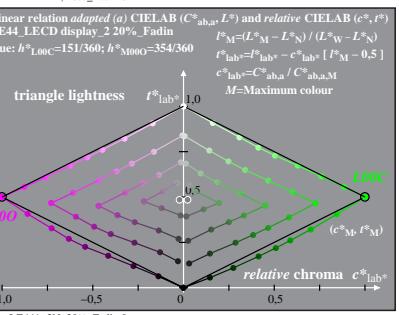
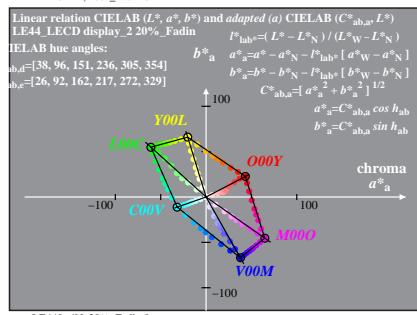
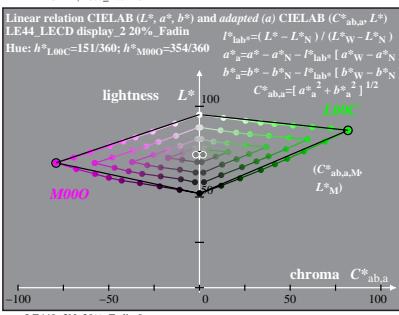
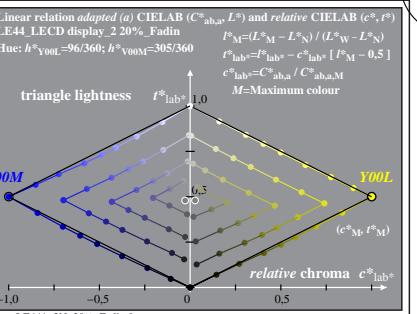
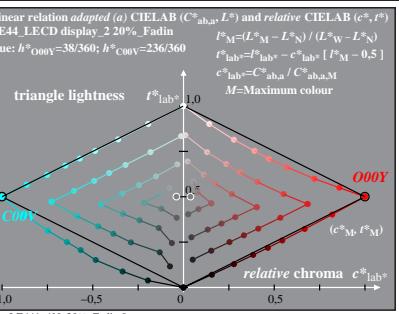
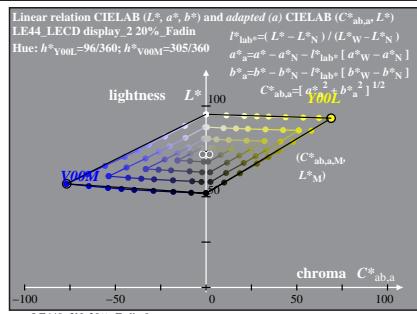
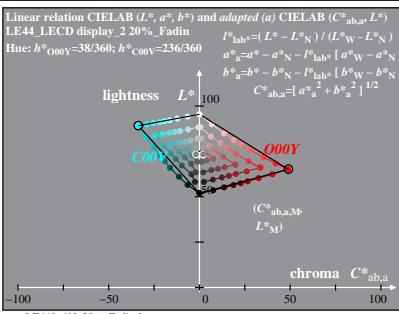
# TUB registration: 20101101-LE44/LE44L0NP.PDF /PS

TUB material: code=rha4ta

See original or copy: [http://web.me.com/klaus\\_richter/LE44/LE44L0NP.PDF /PS](http://web.me.com/klaus_richter/LE44/LE44L0NP.PDF /PS)  
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmefrik>

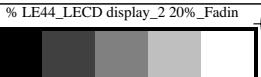
<http://130.149.60.45/~farbmefrik/LE44/LE44L0NP.PDF /PS>; start output

N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 13/16



% LE44-7N, Test chart with 1080 standard colours; digital equidistant 9 step hue and achromatic scales;; luminance factor measured:  $\bar{Y}_m$  and normalized:  $\bar{Y}_n = \bar{Y}_m / 89$ , Page 13/16; display type: LCED\_low\_gloss\_100828\_2  
TUB-test chart LE44; 1080 colours of LECD display\_2;  $Lr=20\%$ ; Fadin  
CIELAB diagrams  $L^*-C^*$  for input and intended output (Fadin, Faeit)

input: `rgb setrgbc`  
output: no change



# TUB registration: 20101101-LE44/LE44L0NP.PDF /PS

TUB material: code=rha4ta

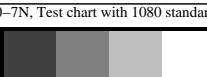
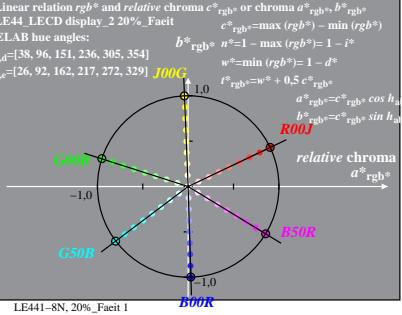
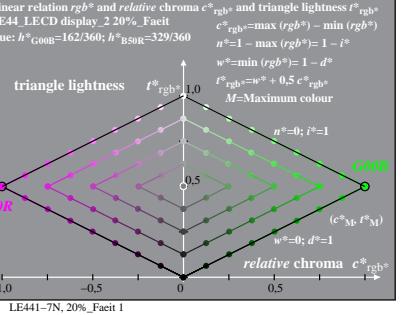
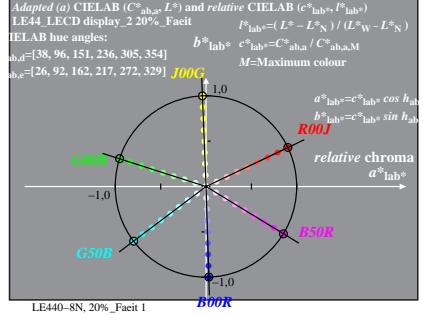
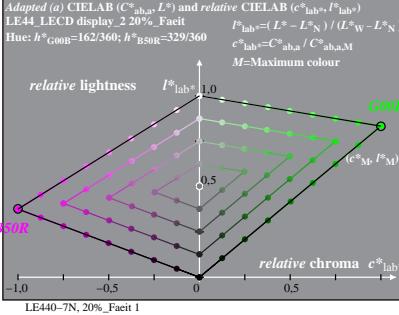
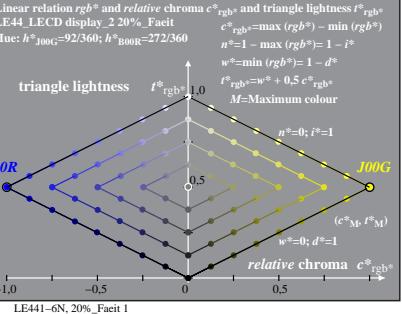
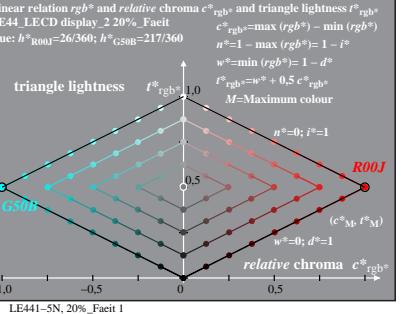
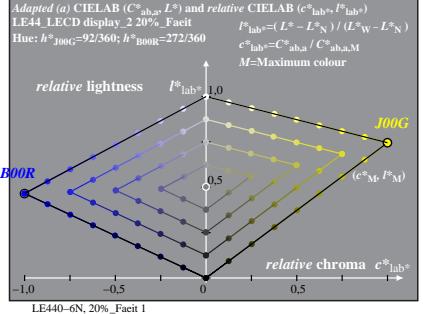
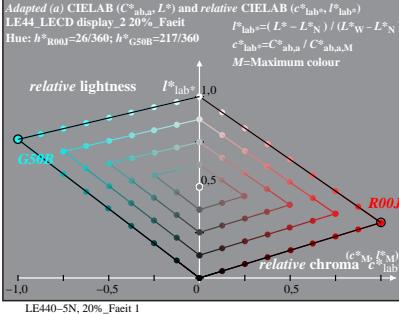
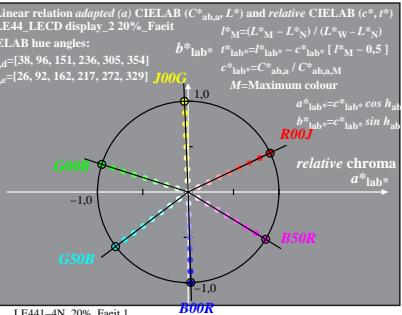
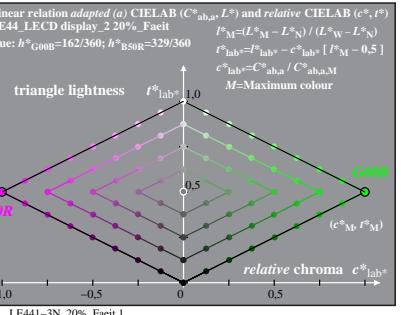
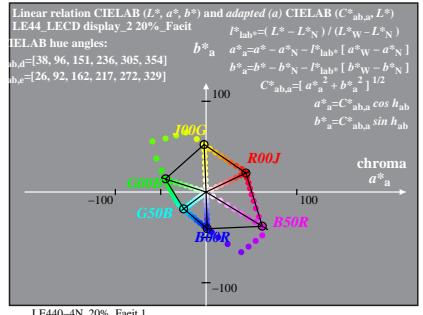
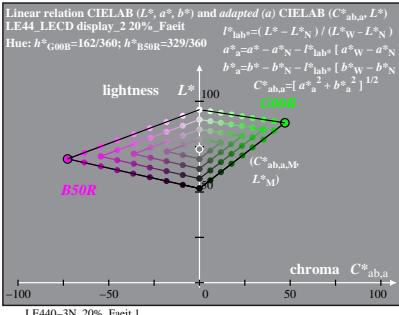
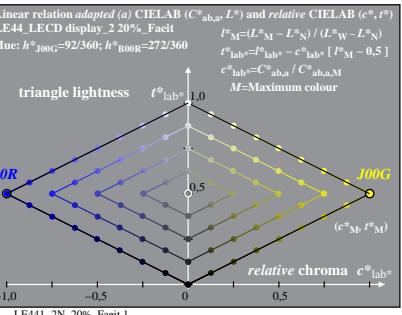
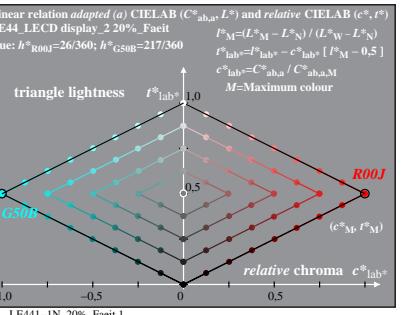
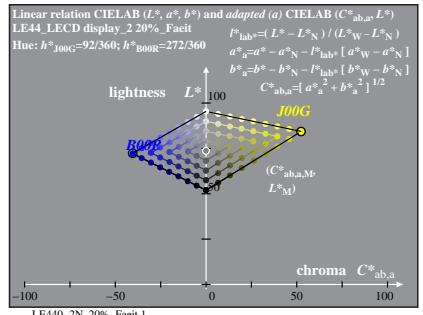
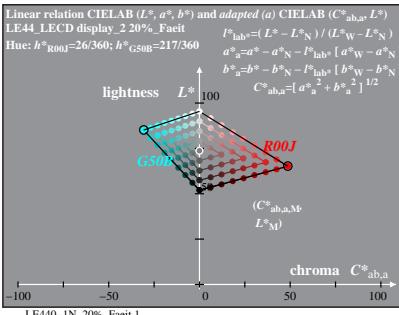


TUB-test chart LE44; 1080 colours of LECD display\_2; Lr=20%; Faeit  
CIELAB diagrams  $L^*-C^*$  for input and intended output (Fadin, Faeit)

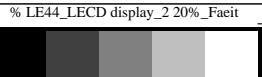
input:  $rgb$  setrgbcolor  
output: no change



See original or copy: [http://web.me.com/klaus\\_richter/LE44/LE44L0NP.PDF /PS](http://web.me.com/klaus_richter/LE44/LE44L0NP.PDF /PS)  
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmefrik>



% LE44-7N, Test chart with 1080 standard colours; digital equidistant 9 step hue and achromatic scales;; luminance factor measured:  $Y_m$  and normalized:  $Y_n=Y_m=89$ , Page 14/16; display type: LCED\_low\_gloss\_100828\_2



% LE44 LCD display\_2 20% Faeit

# TUB registration: 20101101-LE44/LE44L0NP.PDF /PS

TUB material: code=rha4ta

<http://130.149.60.45/~farbmefrik/LE44/LE44L0NP.PDF /PS>; start output

N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D), page 15/16

TUB-test chart LE44; 1080 colours of LECD display\_2; Lr=40%; Fadin  
CIELAB diagrams  $L^*-C^*$  for input and intended output (Fadin, Faeit)

input: *rgb setrgbc*  
output: no change



C

M

Y

O

L

V



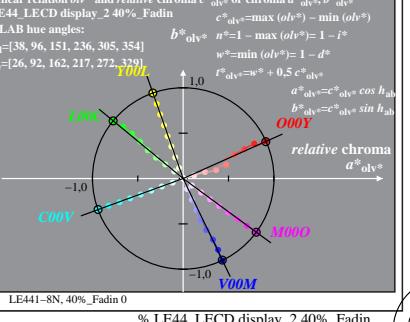
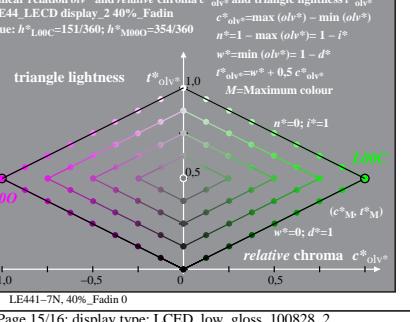
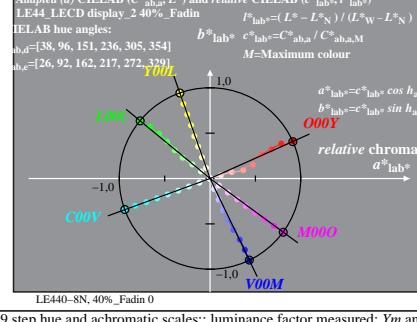
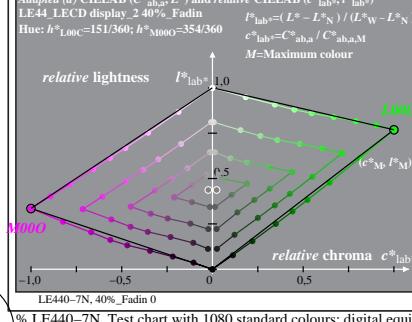
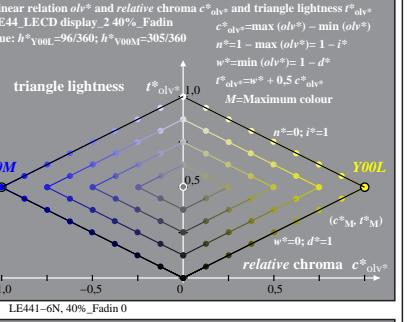
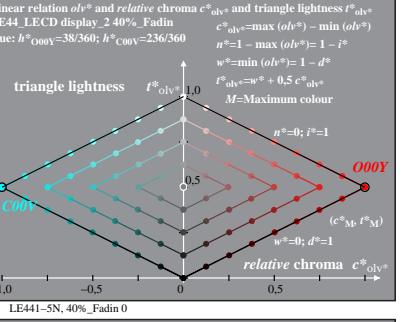
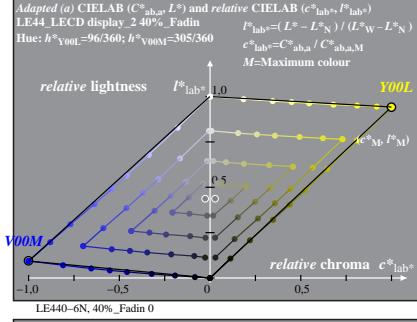
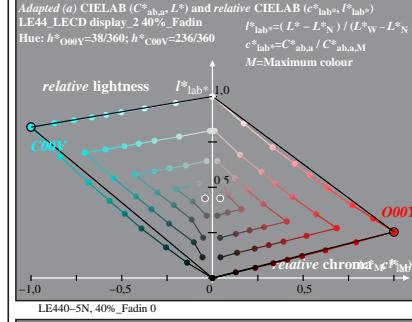
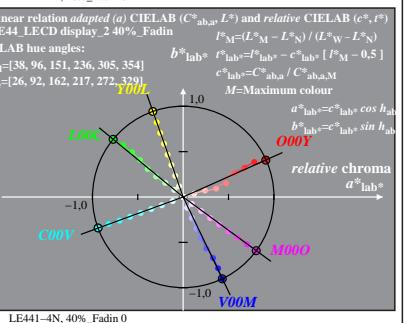
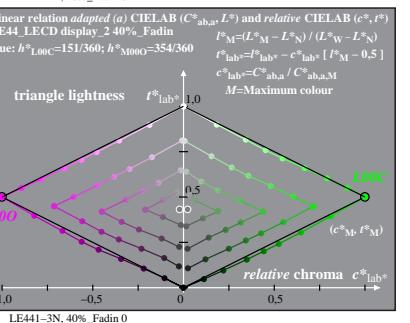
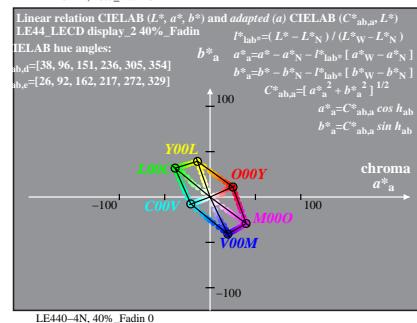
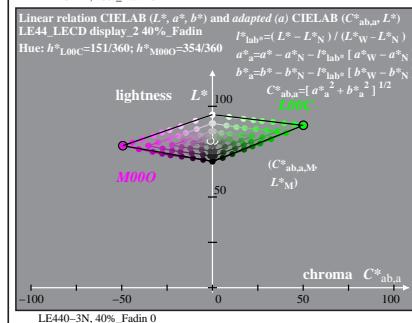
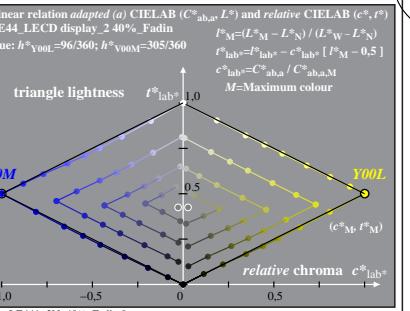
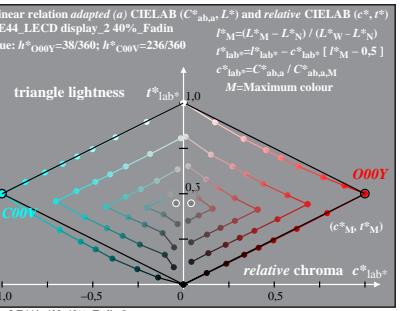
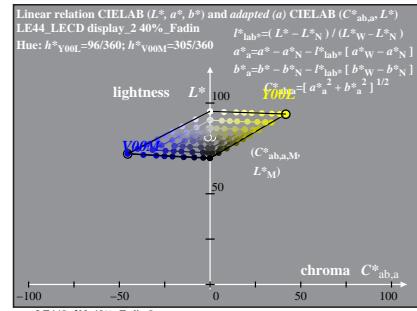
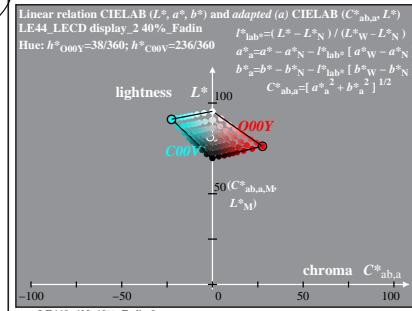
V

O

Y

M

C



% LE44-7N, Test chart with 1080 standard colours; digital equidistant 9 step hue and achromatic scales;; luminance factor measured:  $Y_m$  and normalized:  $Y_n=Y_m=89$ , Page 15/16; display type: LCED\_low\_gloss\_100828\_2

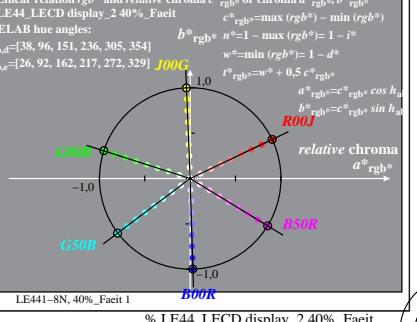
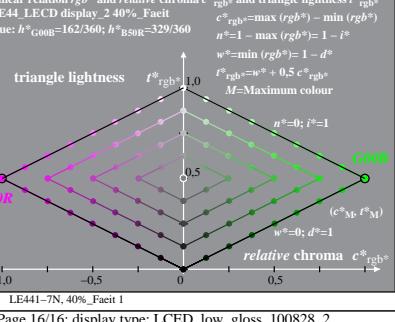
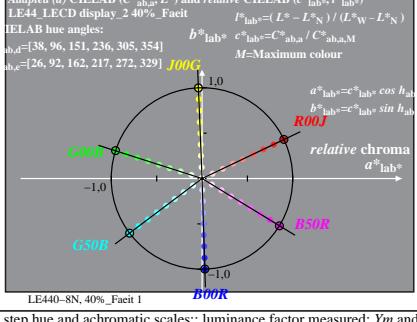
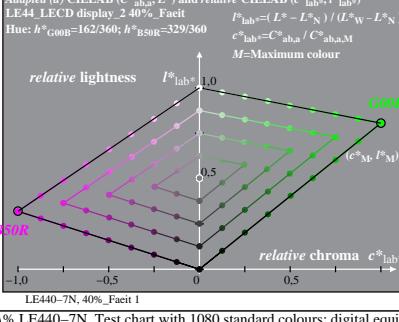
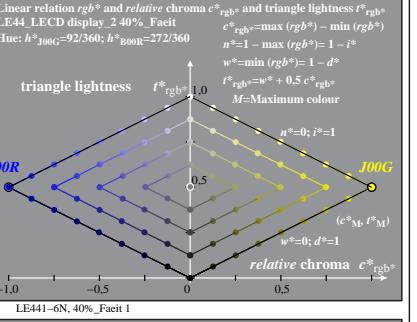
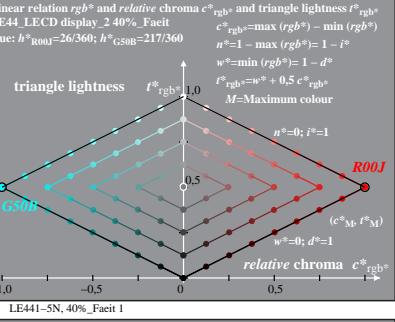
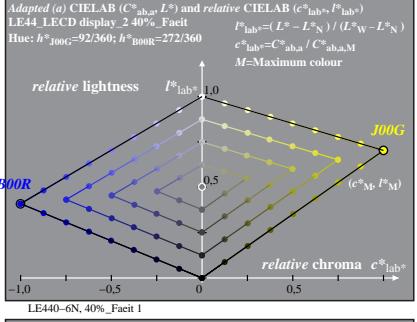
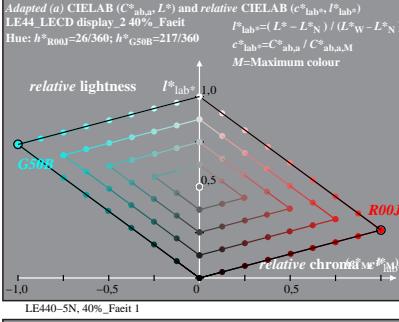
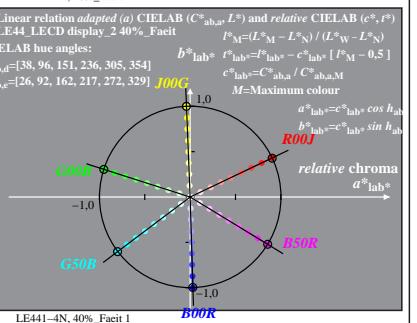
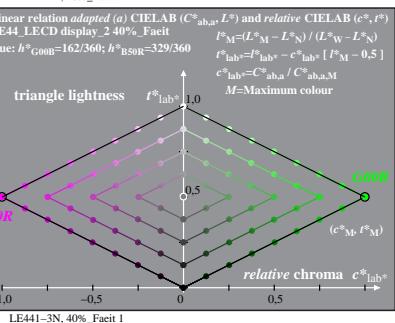
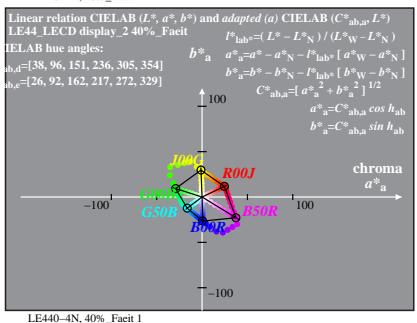
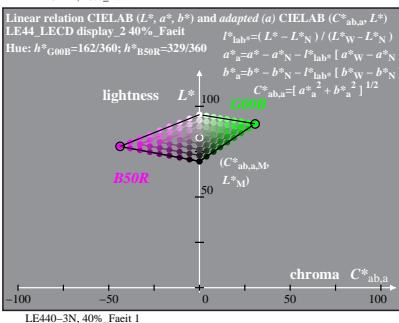
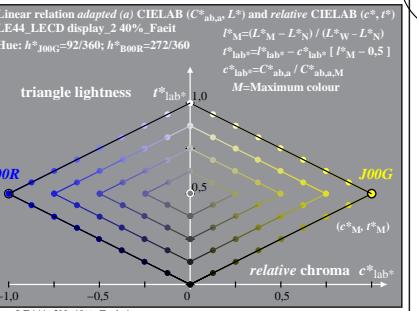
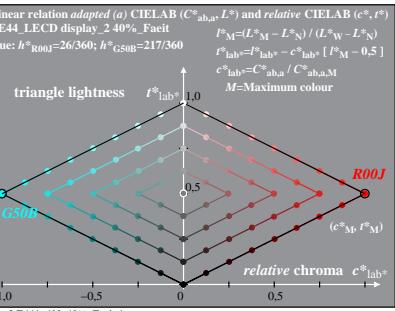
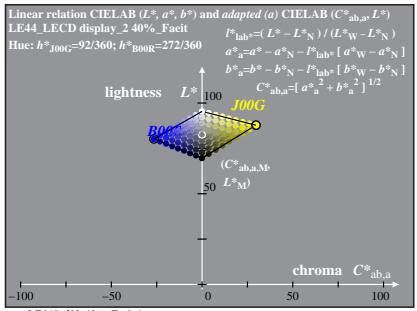
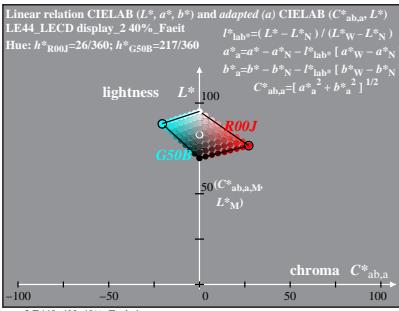
% LE44\_LCD display\_2 40% Fadin

# TUB registration: 20101101-LE44/LE44L0NP.PDF /PS

TUB material: code=rha4ta



See original or copy: [http://web.me.com/klaus\\_richter/LE44/LE44L0NP.PDF /PS](http://web.me.com/klaus_richter/LE44/LE44L0NP.PDF /PS)  
Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmefrik>



TUB-test chart LE44; 1080 colours of LECD display\_2;  $Lr=40\%$ ; Faeit  
CIELAB diagrams  $L^*-C^*$  for input and intended output (Fadin, Faeit)

input:  $rgb$  setrgbcolor  
output: no change

