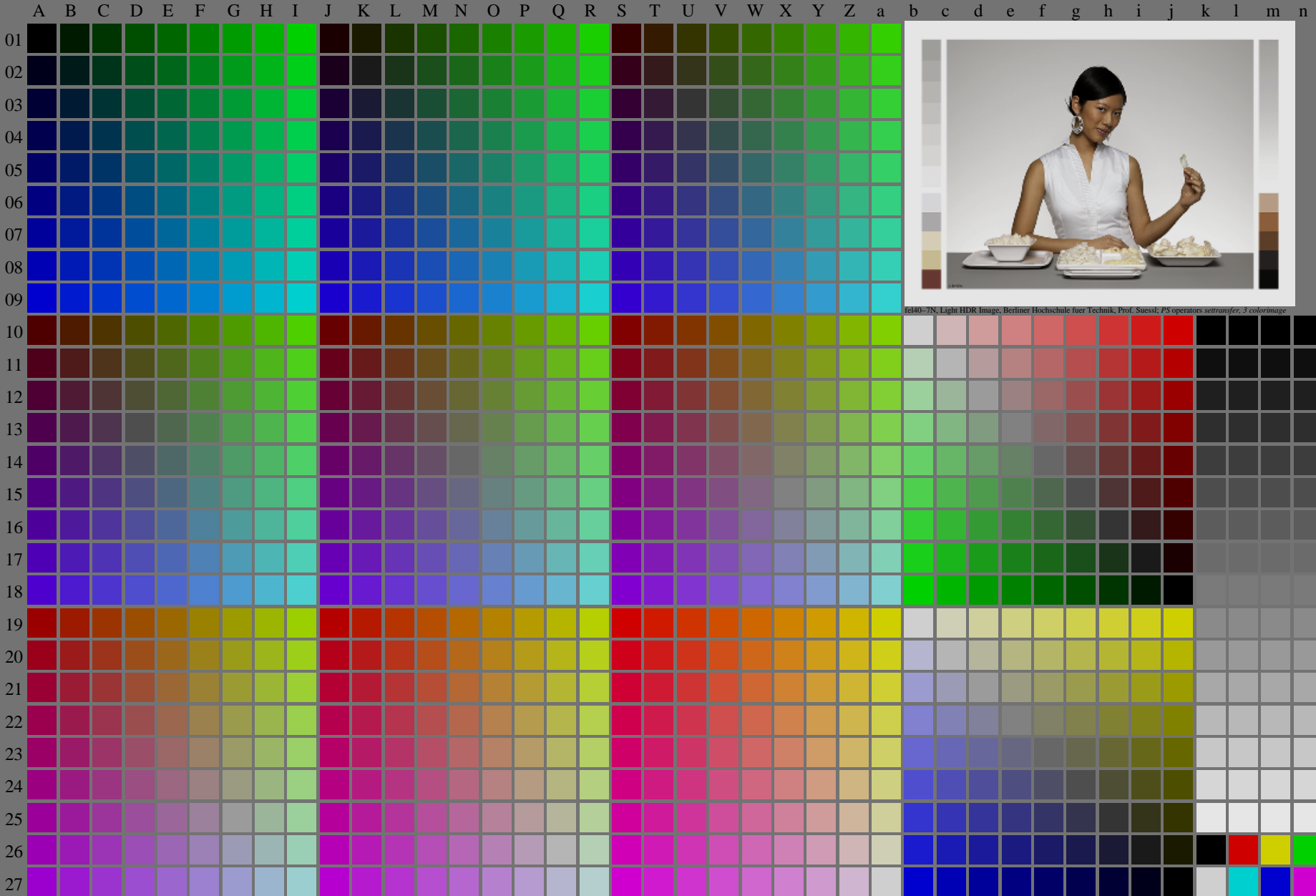


<http://farbe.li.tu-berlin.de/fel4/fel410na.txt> / .ps; only vector graphic VG; start output  
see separate images of this page: <http://farbe.li.tu-berlin.de/fel4/fel4.htm>

see similar files of the whole series: <http://farbe.li.tu-berlin.de/fels.htm>  
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>  
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fel4/fel410na.txt / .ps  
application for evaluation and measurement of display or print output  
TUB material: code=rh4ta



fel40-7N, Light HDR Image, Berliner Hochschule fuer Technik, Prof. Suessli, PS operators seltransfer, 3 colorimage

fel40-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^* (A_n)$ ,  $colorm = 1$ ,  $xchart = 0$ ,  $pchart = 0$

TUB-test chart fel4; fel4: Test chart uh\_d09 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb  
Digital equidistant 9 or 16 step colour scales, L-HDR;  $\gamma_R=0,9$   
-> $rgb^*_d, 130-0$

http://farbe.li.tu-berlin.de/fel4/fel410fa.txt / .ps; only vector graphic VG; start output

see separate images of this page: http://farbe.li.tu-berlin.de/fel4/fel4.htm

see similar files of the whole serie: http://farbe.li.tu-berlin.de/fels.htm  
technical information: http://farbe.li.tu-berlin.de/A/33872E.html  
or http://standards.iso.org/iso/9241/306/ed-2/index.html

TUB registration: 20240301-fel4/fel410fa.txt / .ps  
application for evaluation and measurement of display or print output  
TUB material: code rha4ta

Table with columns A-Z and a-b and rows 01-27. Each cell contains a 4x4 grid of numerical values representing color calibration data.

fel4-10, Page 2/16, Test chart G with 40x27=1080 colors; digital equivalent 9 or 16 step colour scales; Colour data in (A-n): rgb\* (A\_j + k26\_n/100), 000n\* (k), w\* (l), nnn0\* (m), www\* (n), column = 1, xchart = 0, pchart = 1

TUB-test chart fel4; fel4: Test chart ut\_d09 with 40x27=1080 colors; 1MR, DH 000n/w/cmy0/rgb  
Digital equivalent 9 or 16 step colour scales, L-DR=2;  $\gamma_R=0=9$   
->rgb\*\_d, 130:1

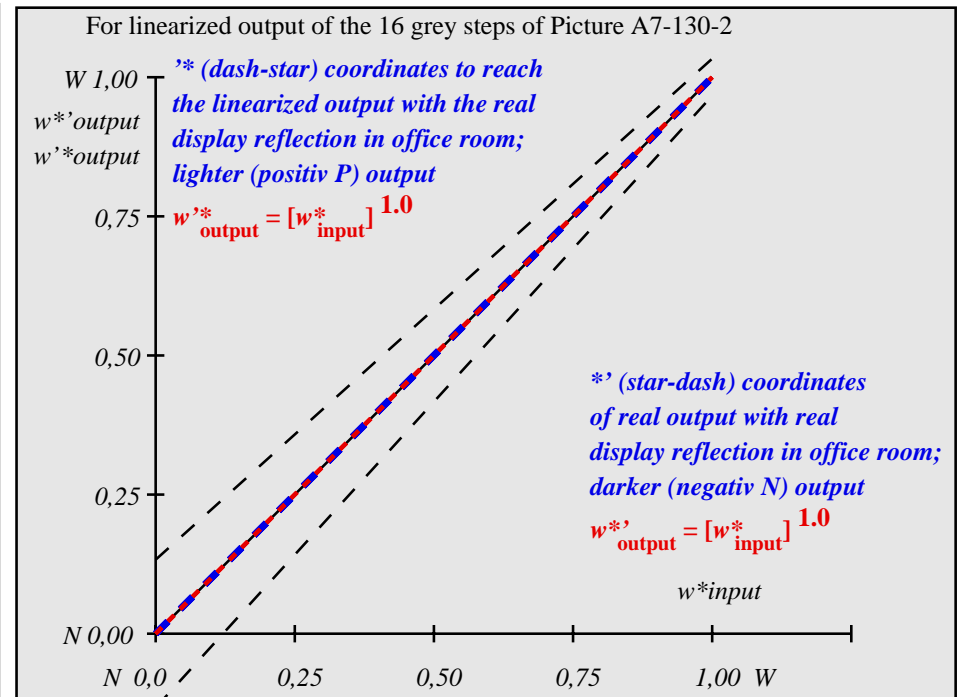
see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fels.htm>  
 technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>  
 or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fel4/fel410fa.txt /.ps  
 application for evaluation and measurement of display or print output  
 TUB material: code=rh4ta

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	$\Delta E^*$	Start output S1
1	0.0	0.0	0.0	0.0	0.0	Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G
2	6.36	0.0	0.07	6.36	0.0	
3	12.72	0.0	0.13	12.72	0.0	
4	19.08	0.0	0.2	19.08	0.0	
5	25.44	0.0	0.27	25.44	0.0	
6	31.8	0.0	0.33	31.8	0.0	
7	38.16	0.0	0.4	38.16	0.0	
8	44.52	0.0	0.47	44.52	0.0	
9	50.89	0.0	0.53	50.89	0.0	
10	57.25	0.0	0.6	57.25	0.0	
11	63.61	0.0	0.67	63.61	0.0	
12	69.97	0.0	0.73	69.97	0.0	
13	76.33	0.0	0.8	76.33	0.0	
14	82.69	0.0	0.87	82.69	0.0	
15	89.05	0.0	0.93	89.05	0.0	Mean lightness difference (16 steps)
16	95.41	0.0	1.0	95.41	0.0	$\Delta E^*_{CIELAB} = 0.0$
17	0.0	0.0	0.0	0.0	0.0	
18	23.85	0.0	0.25	23.85	0.0	
19	47.71	0.0	0.5	47.71	0.0	
20	71.56	0.0	0.75	71.56	0.0	Mean lightness difference (5 steps)
21	95.41	0.0	1.0	95.41	0.0	$\Delta L^*_{CIELAB} = 0.0$

Mean colour reproduction index:  $R^*_{ab,m} = 100$

fel40-3N-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fel41-3N-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (absolute)	0.0/0.0	6.4/0.7	12.7/1.5	19.1/2.8	25.4/4.6	31.8/7.0	38.2/10.2	44.5/14.2	50.9/19.2	57.2/25.2	63.6/32.3	70.0/40.7	76.3/50.4	82.7/61.6	89.0/74.3	95.4/88.6
$w^* w^* w^*$ setrgb																
gp=1.0																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^* = l^*_{CIELAB, r}$ (relative)																
$w^*_{intended}$	0,000	0,067	0,133	0,200	0,267	0,333	0,400	0,467	0,533	0,600	0,667	0,733	0,800	0,867	0,933	1,000
$w^*_{out}$	0.0	0.067	0.133	0.2	0.267	0.333	0.4	0.467	0.533	0.6	0.667	0.733	0.8	0.867	0.933	1.0

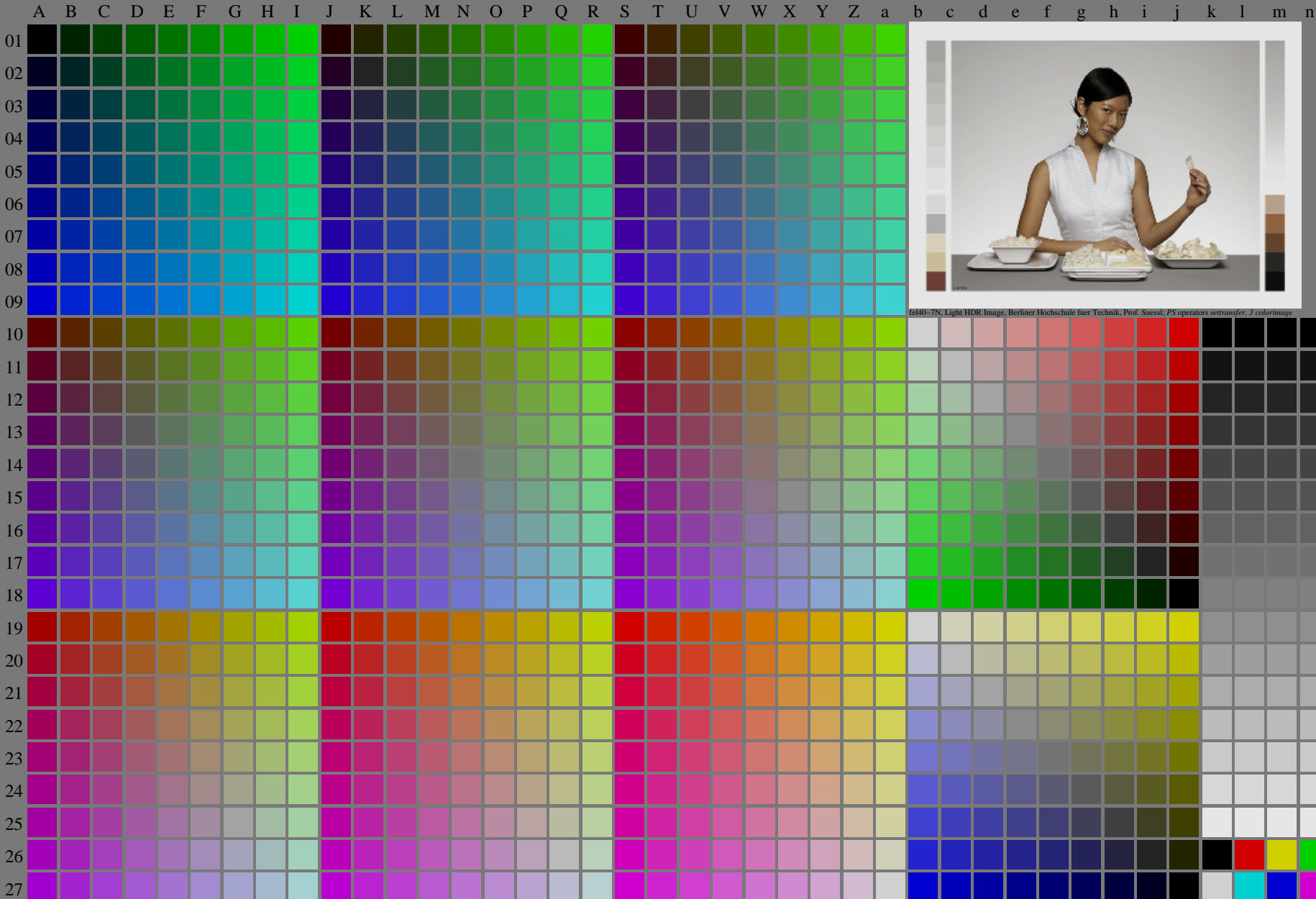
fel40-7N-130-2: 16 visual equidistant  $L^*$ -grey steps; PS operator:  $w^* w^* w^*$  setrgbcolor

TUB-test chart fel4; fel4: In-output relation according to ISO 9241-306; 1MR, DH 000n/w/cmy0/rgb  
 Viewing Y contrast  $Y_W:Y_N=88,9:0,31$ ;  $Y_N$  range 0,0 to <0,46, L-HDR;  $\gamma_R=0,9$  ->rgb\*d, 130-2:

<http://farbe.li.tu-berlin.de/fel4/fel410fa.txt> / .ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fel4/fel4.htm>

see similar files of the whole series: <http://farbe.li.tu-berlin.de/fels.htm>  
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>  
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fel4/fel410fa.txt / .ps  
application for evaluation and measurement of display or print output  
TUB material: code=rh4ta



fel40-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^*_d(A_n)$ ,  $colorm = 1$ ,  $xchart = 1$ ,  $pchart = 0$

TUB-test chart fel4; fel4: Test chart uh\_d09 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb  
Digital equidistant 9 or 16 step colour scales, L-HDR;  $\gamma_R=0,9$   
-> $rgb^*_d$ , 131-0:

<http://farbe.li.tu-berlin.de/fel4/fel4f10fa.txt /ps; only vector graphic VG; see separate images of this page: http://farbe.li.tu-berlin.de/fel4/fel4.htm>

TUB registration: 20240301-fel4/fel4f10fa.txt /ps  
application for evaluation and measurement of display or print output  
TUB material: code rha4ta

Table with columns A-Z and a-b and rows 01-27. Each cell contains a 2x2 grid of numerical values representing color data for different colorants and test chart conditions.

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fels.htm>  
technical information: <http://farbe.li.tu-berlin.de/AV3872E.html>  
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

fel4-70, Page 2/16, Test chart with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^*(A_j + k26_n27)$ ,  $000n^*(k)$ ,  $w^*(l)$ ,  $nnn0^*(m)$ ,  $www^*(n)$ ,  $colorm = 1$ ,  $xchart = 1$

G-TUB-test chart fel4; fel4: Test chart with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb  
Digital equidistant 9 or 16 step colour scales, L-Tab,  $\gamma_R=0.9$   
->rgb\*G, L31:1



<http://farbe.li.tu-berlin.de/fel4/fel410fa.txt> /.ps; only vector graphic VG;  
 see separate images of this page: <http://farbe.li.tu-berlin.de/fel4/fel4.htm>

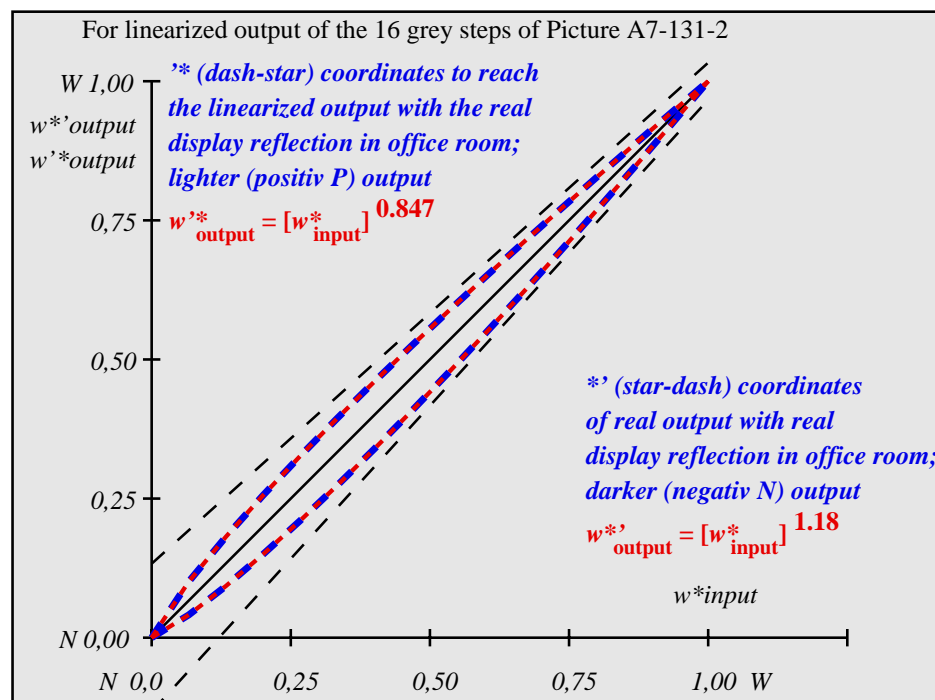
see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fels.htm>  
 technical information: <http://farbe.li.tu-berlin.de/A/33872E.htm>  
 or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fel4/fel410fa.txt /.ps  
 application for evaluation and measurement of display or print output  
 TUB material: code=rh4ta

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	$\Delta E^*$	Start output S1
1	5.69	0.0	0.0	5.69	0.0	Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G
2	11.67	0.0	0.1	14.73	0.0	
3	17.65	0.0	0.18	21.96	0.0	
4	23.63	0.0	0.26	28.63	0.0	
5	29.62	0.0	0.33	34.96	0.0	
6	35.6	0.0	0.39	41.05	0.0	
7	41.58	0.0	0.46	46.96	0.0	
8	47.56	0.0	0.52	52.72	0.0	
9	53.54	0.0	0.59	58.36	0.0	
10	59.52	0.0	0.65	63.88	0.0	
11	65.5	0.0	0.71	69.32	0.0	
12	71.48	0.0	0.77	74.67	0.0	
13	77.47	0.0	0.83	79.95	0.0	
14	83.45	0.0	0.89	85.16	0.0	
15	89.43	0.0	0.94	90.31	0.0	
16	95.41	0.0	1.0	95.41	0.0	
17	5.69	0.0	0.0	5.69	0.0	Mean lightness difference (16 steps)
18	28.12	0.0	0.31	33.4	0.0	$\Delta E^*_{CIELAB} = 3.4$
19	50.55	0.0	0.56	55.55	0.0	
20	72.98	0.0	0.78	76.0	0.0	Mean lightness difference (5 steps)
21	95.41	0.0	1.0	95.41	0.0	$\Delta L^*_{CIELAB} = 2.7$

Mean colour reproduction index:  $R^*_{ab,m} = 85$

fel40-3N-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fel41-3N-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{intended}$ (absolute)	5.7/0.6	11.7/1.4	17.7/2.4	23.6/4.0	29.6/6.1	35.6/8.8	41.6/12.2	47.6/16.5	53.5/21.5	59.5/27.6	65.5/34.7	71.5/42.9	77.5/52.3	83.4/63.0	89.4/75.1	95.4/88.6
$w^* w^* w^*$ setrgb																
gp=0.92																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^* = l^*_{CIELAB, r}$ (relative)																
$w^*_{intended}$	0,000	0,067	0,133	0,200	0,267	0,333	0,400	0,467	0,533	0,600	0,667	0,733	0,800	0,867	0,933	1,000
$w^*_{out}$	0,0	0,082	0,155	0,226	0,295	0,362	0,428	0,494	0,559	0,623	0,688	0,75	0,814	0,876	0,938	1,0

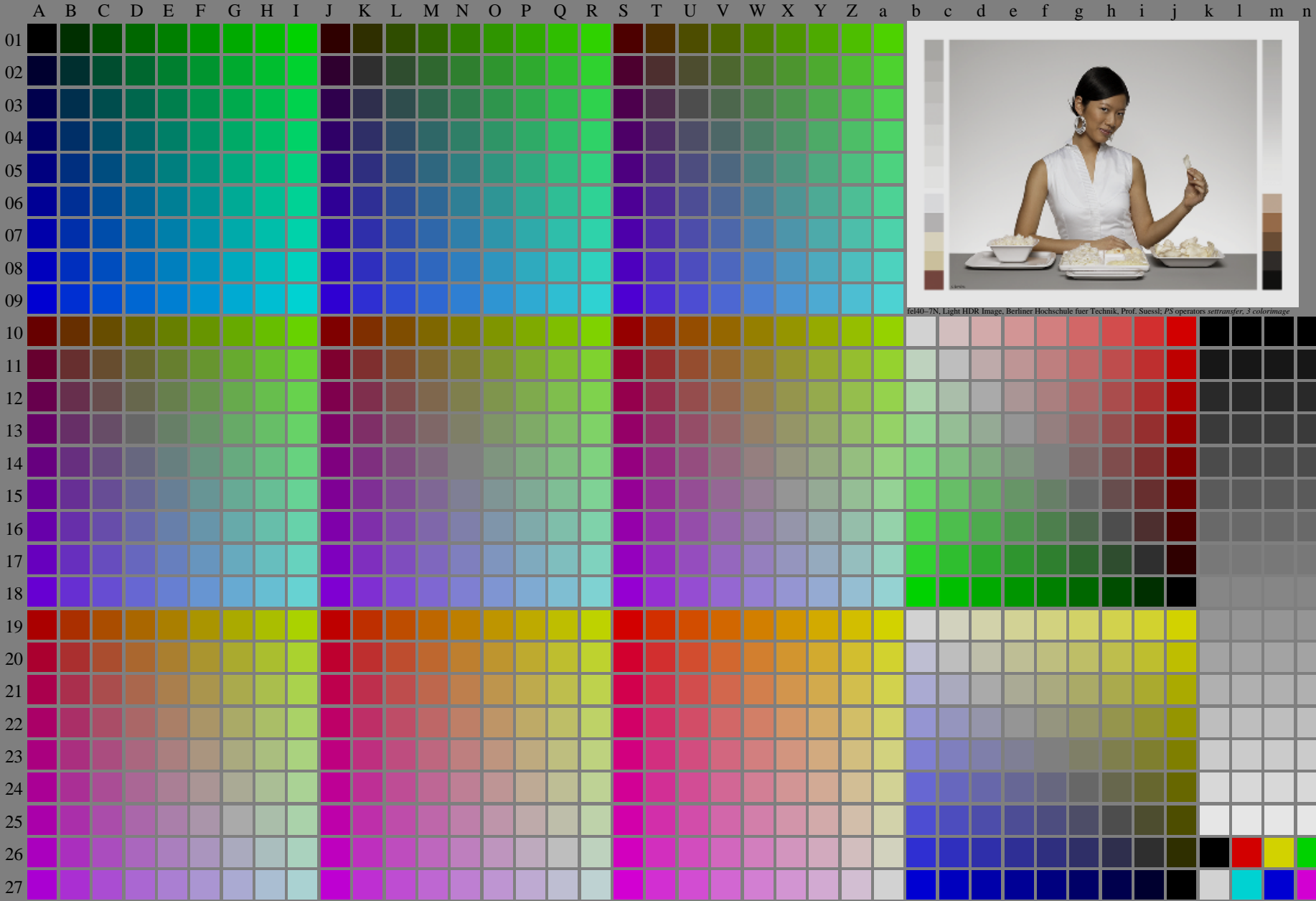
fel40-7N-131-2: 16 visual equidistant  $L^*$ -grey steps; PS operator:  $w^* w^* w^*$  setrgbcolor

TUB-test chart fel4; fel4: In-output relation according to ISO 9241-306; 1MR, DH 000n/w/cmy0/rgb  
 Viewing Y contrast  $Y_W:Y_N=88,9:0,62$ ;  $Y_N$  range 0,46 to <0,93, L-HDR;  $\gamma_R=0,9$  ->rgb\*d, 131-2:

<http://farbe.li.tu-berlin.de/fel4/fel410fa.txt> / .ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fel4/fel4.htm>

see similar files of the whole series: <http://farbe.li.tu-berlin.de/fels.htm>  
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>  
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fel4/fel410fa.txt / .ps  
application for evaluation and measurement of display or print output  
TUB material: code=rh4ta



fel40-7N, Light HDR Image, Berliner Hochschule fuer Technik, Prof. Suessi; PS operators seittransfer, 3 colorimage

fel40-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^*_d(A_n)$ ,  $colorm = 1$ ,  $xchart = 2$ ,  $pchart = 0$

TUB-test chart fel4; fel4: Test chart uh\_d09 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb  
Digital equidistant 9 or 16 step colour scales, L-HDR;  $\gamma_R=0,9$   
→  $rgb^*_d, 132-0$

http://farbe.li.tu-berlin.de/fel4/fel410fa.txt /ps; only vector graphic VG;  
see separate images of this page: http://farbe.li.tu-berlin.de/fel4/fel4.htm

TUB registration: 20240301-fel4/fel410fa.txt /ps  
application for evaluation and measurement of display or print output

TUB material: code rha4ta

Table with columns A-Z and a-b and rows 01-27. Each cell contains a 4x4 grid of numerical values representing color data for different test patterns.

fel4-10, Page 2/16, Test chart G with 40x27=1080 colours; digital equivalent 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^*(A_j + k26, 000n^*(k), w^*(l), nnn0^*(m), www^*(n), color = 1, xchart = 2, pchart = 1$

TUB-test chart G; fel4: Test chart with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb  
Digital equivalent 9 or 16 step colour scales, L- $\chi^2$ =0.9  $\rightarrow rgb^*_d, 132:1$

l=1321

see similar files of the whole serie: http://farbe.li.tu-berlin.de/fel4/fel410fa.txt /ps  
technical information: http://farbe.li.tu-berlin.de/AV33872E.html  
or http://standards.iso.org/iso/9241/306/ed-2/index.html



<http://farbe.li.tu-berlin.de/fel4/fel410fa.txt> /.ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fel4/fel4.htm>

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fels.htm>  
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>  
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fel4/fel410fa.txt /.ps  
application for evaluation and measurement of display or print output  
TUB material: code=rh4ta

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	$\Delta E^*$	Start output S1
1	10.99	0.0	0.0	10.99	0.0	0.0
2	16.62	0.0	0.14	22.52	0.0	5.9
3	22.25	0.0	0.23	30.18	0.0	7.93
4	27.88	0.0	0.31	36.84	0.0	8.97
5	33.5	0.0	0.38	42.93	0.0	9.43
6	39.13	0.0	0.45	48.63	0.0	9.5
7	44.76	0.0	0.51	54.03	0.0	9.27
8	50.39	0.0	0.57	59.19	0.0	8.81
9	56.02	0.0	0.63	64.17	0.0	8.15
10	61.64	0.0	0.69	68.98	0.0	7.33
11	67.27	0.0	0.74	73.65	0.0	6.38
12	72.9	0.0	0.8	78.2	0.0	5.3
13	78.53	0.0	0.85	82.64	0.0	4.11
14	84.15	0.0	0.9	86.98	0.0	2.82
15	89.78	0.0	0.95	91.23	0.0	1.45
16	95.41	0.0	1.0	95.41	0.0	0.01
17	10.99	0.0	0.0	10.99	0.0	0.01
18	32.1	0.0	0.36	41.45	0.0	9.36
19	53.2	0.0	0.6	61.7	0.0	8.5
20	74.31	0.0	0.81	79.32	0.0	5.01
21	95.41	0.0	1.0	95.41	0.0	0.01

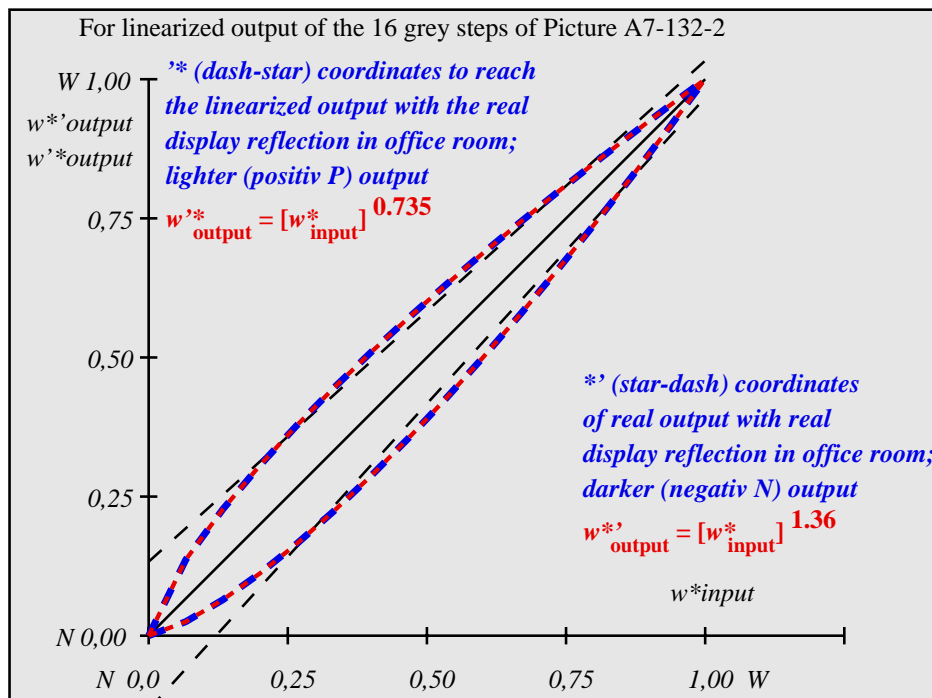
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)  $\Delta E^*_{CIELAB} = 6.0$

Mean lightness difference (5 steps)  $\Delta L^*_{CIELAB} = 4.6$

Mean colour reproduction index:  $R^*_{ab,m} = 74$

fel40-3N-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fel41-3N-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{intended}$ (absolute)	11.0/1.3	16.6/2.2	22.2/3.6	27.9/5.4	33.5/7.8	39.1/10.7	44.8/14.4	50.4/18.7	56.0/23.9	61.6/30.0	67.3/37.0	72.9/45.0	78.5/54.1	84.2/64.4	89.8/75.8	95.4/88.6
$w^* w^* w^*$ setrgb																
gp=0.85																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^* = l^*_{CIELAB, r}$ (relative)																
$w^*_{intended}$	0,000	0,067	0,133	0,200	0,267	0,333	0,400	0,467	0,533	0,600	0,667	0,733	0,800	0,867	0,933	1,000
$w^*_{out}$	0,0	0,1	0,18	0,255	0,325	0,393	0,459	0,524	0,586	0,648	0,709	0,768	0,827	0,886	0,943	1,0

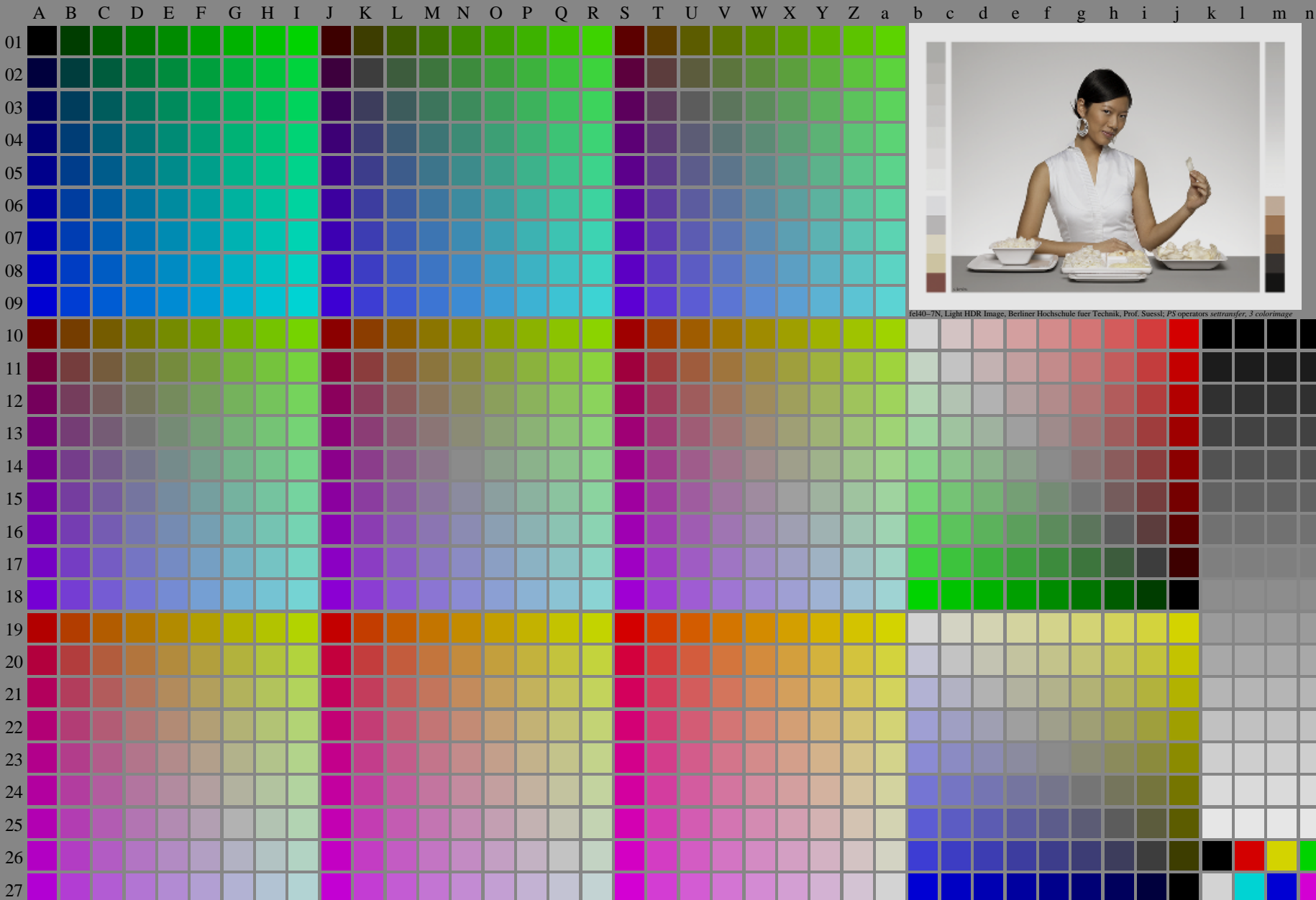
fel40-7N-132-2: 16 visual equidistant  $L^*$ -grey steps; PS operator:  $w^* w^* w^*$  setrgbcolor

TUB-test chart fel4; fel4: In-output relation according to ISO 9241-306; 1MR, DH 000n/w/cmy0/rgb  
Viewing Y contrast  $Y_W:Y_N=88,9:1,25$ ;  $Y_N$  range 0,93 to <1,87, L-HDR;  $\gamma_R=0,9$  ->rgb\*d, 132-2:

<http://farbe.li.tu-berlin.de/fel4/fel410fa.txt> / .ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fel4/fel4.htm>

see similar files of the whole series: <http://farbe.li.tu-berlin.de/fels.htm>  
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>  
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fel4/fel410fa.txt / .ps  
application for evaluation and measurement of display or print output  
TUB material: code=rh4ta



fel40-7N, Light HDR Image, Berliner Hochschule fuer Technik, Prof. Suessi; PS operators seittransfer, 3 colorimage

fel40-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^*_d(A_n)$ ,  $colorm = 1$ ,  $xchart = 3$ ,  $pchart = 0$

TUB-test chart fel4; fel4: Test chart uh\_d09 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb  
Digital equidistant 9 or 16 step colour scales, L-HDR;  $\gamma_R=0,9$   
→  $rgb^*_d, 133-0$

http://farbe.li.tu-berlin.de/fel4/fel410fa.txt /ps; only vector graphic VG;  
see separate images of this page: http://farbe.li.tu-berlin.de/fel4/fel4.htm

TUB registration: 20240301-fel4/fel410fa.txt /ps  
application for evaluation and measurement of display or print output

TUB material: code rh4ta

Table with 27 rows (01-27) and 100 columns (A-Z, a-z). Each cell contains a numerical value representing color data for a specific row and column combination.

see similar files of the whole serie: http://farbe.li.tu-berlin.de/fels.htm  
technical information: http://farbe.li.tu-berlin.de/A/33872E.html  
or http://standards.iso.org/iso/9241/306/ed-2/index.html

fel4-70, Page 2/16, Test chart with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): rgb\*(A\_j + k26\_n27), 000n\*(k), w\*(l), nnn0\*(m), www\*(n), colormap = 1, xchart = 3, pchart = 1

TUB-test chart w/ fel4; fel4: Test chart ur\_d09 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb  
Digital equidistant 9 or 16 step colour scales, L-HDR;  $\gamma_R=0.7$   
->rgb\*0, 133-1:

l=1331

<http://farbe.li.tu-berlin.de/fel4/fel410fa.txt> /.ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fel4/fel4.htm>

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fels.htm>  
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>  
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fel4/fel410fa.txt /.ps  
application for evaluation and measurement of display or print output  
TUB material: code=rh4ta

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	$\Delta E^*$	Start output S1
1	18.01	0.0	0.0	18.01	0.0	0.0
2	23.17	0.0	0.17	31.35	0.0	8.18
3	28.33	0.0	0.27	38.93	0.0	10.6
4	33.49	0.0	0.35	45.23	0.0	11.74
5	38.65	0.0	0.42	50.82	0.0	12.17
6	43.81	0.0	0.49	55.93	0.0	12.12
7	48.97	0.0	0.55	60.7	0.0	11.73
8	54.13	0.0	0.61	65.2	0.0	11.07
9	59.29	0.0	0.66	69.47	0.0	10.18
10	64.45	0.0	0.72	73.56	0.0	9.11
11	69.61	0.0	0.77	77.49	0.0	7.88
12	74.77	0.0	0.82	81.29	0.0	6.52
13	79.93	0.0	0.87	84.97	0.0	5.04
14	85.09	0.0	0.91	88.54	0.0	3.45
15	90.25	0.0	0.96	92.02	0.0	1.77
16	95.41	0.0	1.0	95.41	0.0	0.01
17	18.01	0.0	0.0	18.01	0.0	0.01
18	37.36	0.0	0.41	49.47	0.0	12.11
19	56.71	0.0	0.64	67.36	0.0	10.65
20	76.06	0.0	0.83	82.22	0.0	6.16
21	95.41	0.0	1.0	95.41	0.0	0.01

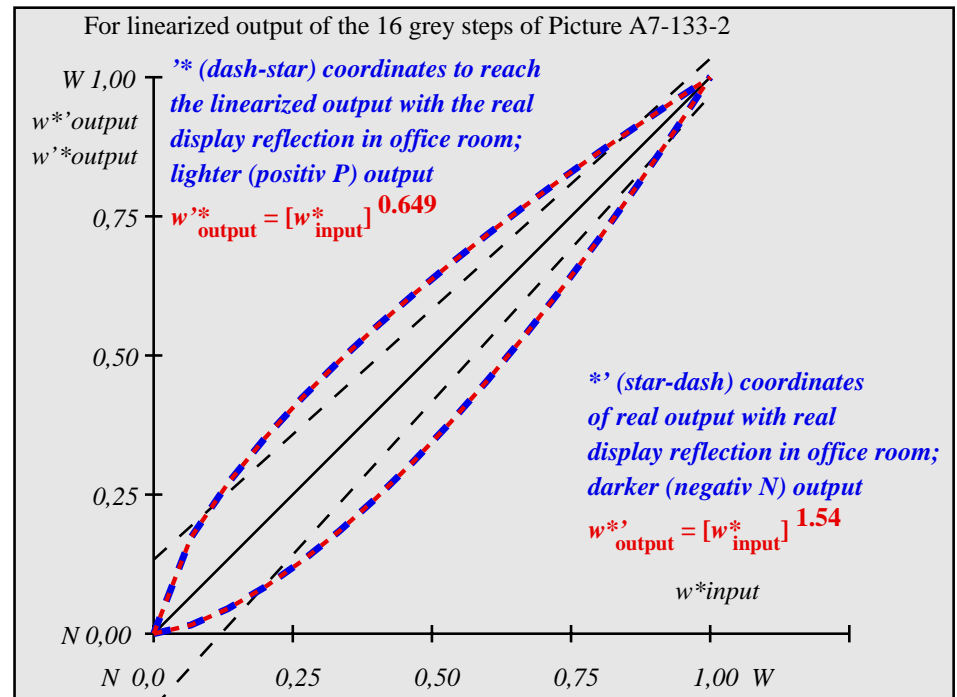
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)  $\Delta E^*_{CIELAB} = 7.6$

Mean lightness difference (5 steps)  $\Delta L^*_{CIELAB} = 5.8$

Mean colour reproduction index:  $R^*_{ab,m} = 67$

fel40-3N-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fel41-3N-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{intended}$ (absolute)	18.0/2.5	23.2/3.8	28.3/5.6	33.5/7.8	38.6/10.5	43.8/13.7	49.0/17.6	54.1/22.1	59.3/27.3	64.4/33.4	69.6/40.2	74.8/47.9	79.9/56.6	85.1/66.2	90.2/76.8	95.4/88.6
$w^* w^* w^*$ setrgb	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^* = l^*_{CIELAB, r}$ (relative)	0,000	0,067	0,133	0,200	0,267	0,333	0,400	0,467	0,533	0,600	0,667	0,733	0,800	0,867	0,933	1,000
$w^*_{intended}$	0,000	0,067	0,133	0,200	0,267	0,333	0,400	0,467	0,533	0,600	0,667	0,733	0,800	0,867	0,933	1,000
$w^*_{out}$	0,0	0,123	0,209	0,287	0,359	0,426	0,492	0,554	0,614	0,673	0,731	0,786	0,841	0,895	0,948	1,0

fel40-7N-133-2: 16 visual equidistant  $L^*$ -grey steps; PS operator:  $w^* w^* w^*$  setrgbcolor

TUB-test chart fel4; fel4: In-output relation according to ISO 9241-306; 1MR, DH 000n/w/cmy0/rgb  
Viewing Y contrast  $Y_W:Y_N=88,9:2,5$ ;  $Y_N$  range 1,87 to <3,75, L-HDR;  $\gamma_R=0,9$  ->rgb\*d, 133-2:

<http://farbe.li.tu-berlin.de/fel4/fel410fa.txt> / .ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fel4/fel4.htm>

see similar files of the whole series: <http://farbe.li.tu-berlin.de/fels.htm>  
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>  
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>



TUB registration: 20240301-fel4/fel410fa.txt / .ps  
application for evaluation and measurement of display or print output  
TUB material: code=rh4ta

fel40-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^*_d(A_n)$ ,  $colorm = 1$ ,  $xchart = 4$ ,  $pchart = 0$

TUB-test chart fel4; fel4: Test chart uh\_d09 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb  
Digital equidistant 9 or 16 step colour scales, L-HDR;  $\gamma_R=0,9$   
→  $rgb^*_d, 134-0$ :



see similar files of the whole serie: http://farbe.li.tu-berlin.de/fels.htm  
technical information: http://farbe.li.tu-berlin.de/A/33872E.html  
or http://standards.iso.org/iso/9241/306/ed-2/index.html

TUB registration: 20240301-fel4/fel410fa.txt /ps  
application for evaluation and measurement of display or print output

Table with columns labeled A-Z and a-b and rows labeled 01-27. Each cell contains numerical data representing color calibration values.

fel4-70, Page 2/16, Test chart G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): r<sub>g</sub>b\* (A<sub>j</sub> + k26\_n27), 000n\* (k), w\* (l), nnn0\* (m), www\* (n), colorm = 1, xchart = 1

TUB-test chart fel4; fel4: Test chart uh\_d09 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb  
Digital equidistant 9 or 16 step colour scales, L- $\chi^2$ =0.91  
->rgb\*d, 134:1

l=1341

C M Y

V

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fels.htm>  
technical information: <http://farbe.li.tu-berlin.de/A/33872E.htm>  
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fel4/fel410fa.txt /.ps  
application for evaluation and measurement of display or print output  
TUB material: code=rh4ta

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	$\Delta E^*$	Start output S1
1	26.85	0.0	0.0	26.85	0.0	0.0
2	31.42	0.0	0.0	41.05	0.0	9.63
3	35.99	0.0	0.0	48.1	0.0	12.11
4	40.56	0.0	0.0	53.75	0.0	13.18
5	45.13	0.0	0.0	58.64	0.0	13.51
6	49.7	0.0	0.0	63.05	0.0	13.34
7	54.27	0.0	0.0	67.09	0.0	12.82
8	58.84	0.0	0.0	70.87	0.0	12.02
9	63.41	0.0	0.0	74.42	0.0	11.01
10	67.99	0.0	0.0	77.79	0.0	9.81
11	72.56	0.0	0.0	81.01	0.0	8.46
12	77.13	0.0	0.0	84.1	0.0	6.97
13	81.7	0.0	0.0	87.07	0.0	5.37
14	86.27	0.0	0.0	89.94	0.0	3.67
15	90.84	0.0	0.0	92.71	0.0	1.88
16	95.41	0.0	0.0	95.41	0.0	0.01
17	26.85	0.0	0.0	26.85	0.0	0.01
18	43.99	0.0	0.0	57.47	0.0	13.48
19	61.13	0.0	0.0	72.67	0.0	11.54
20	78.27	0.0	0.0	84.85	0.0	6.58
21	95.41	0.0	0.0	95.41	0.0	0.01

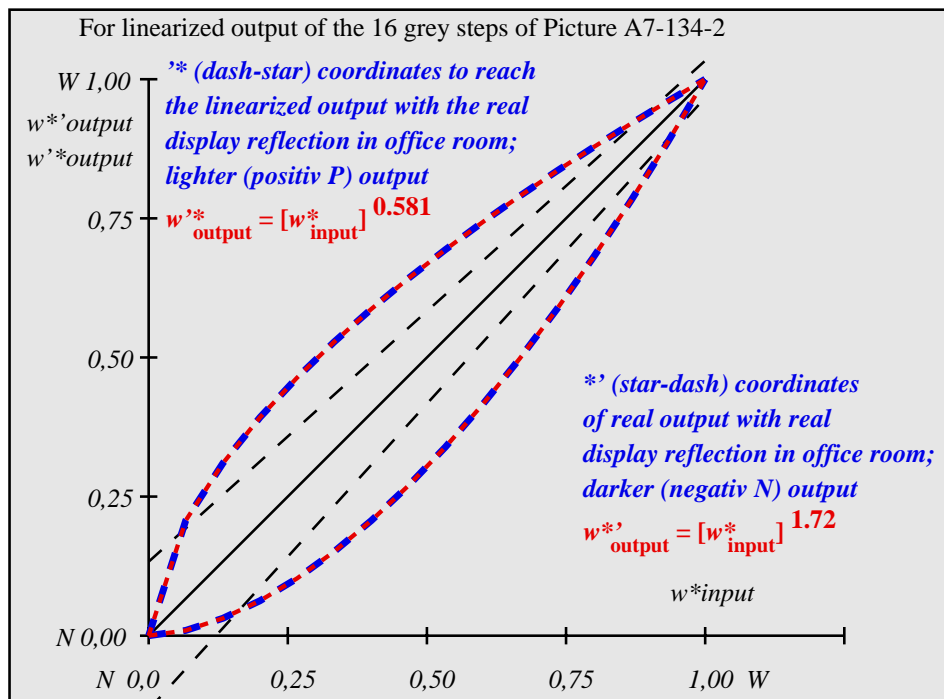
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)  $\Delta E^*_{CIELAB} = 8.4$

Mean lightness difference (5 steps)  $\Delta L^*_{CIELAB} = 6.3$

Mean colour reproduction index:  $R^*_{ab,m} = 64$

fel40-3N-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fel41-3N-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

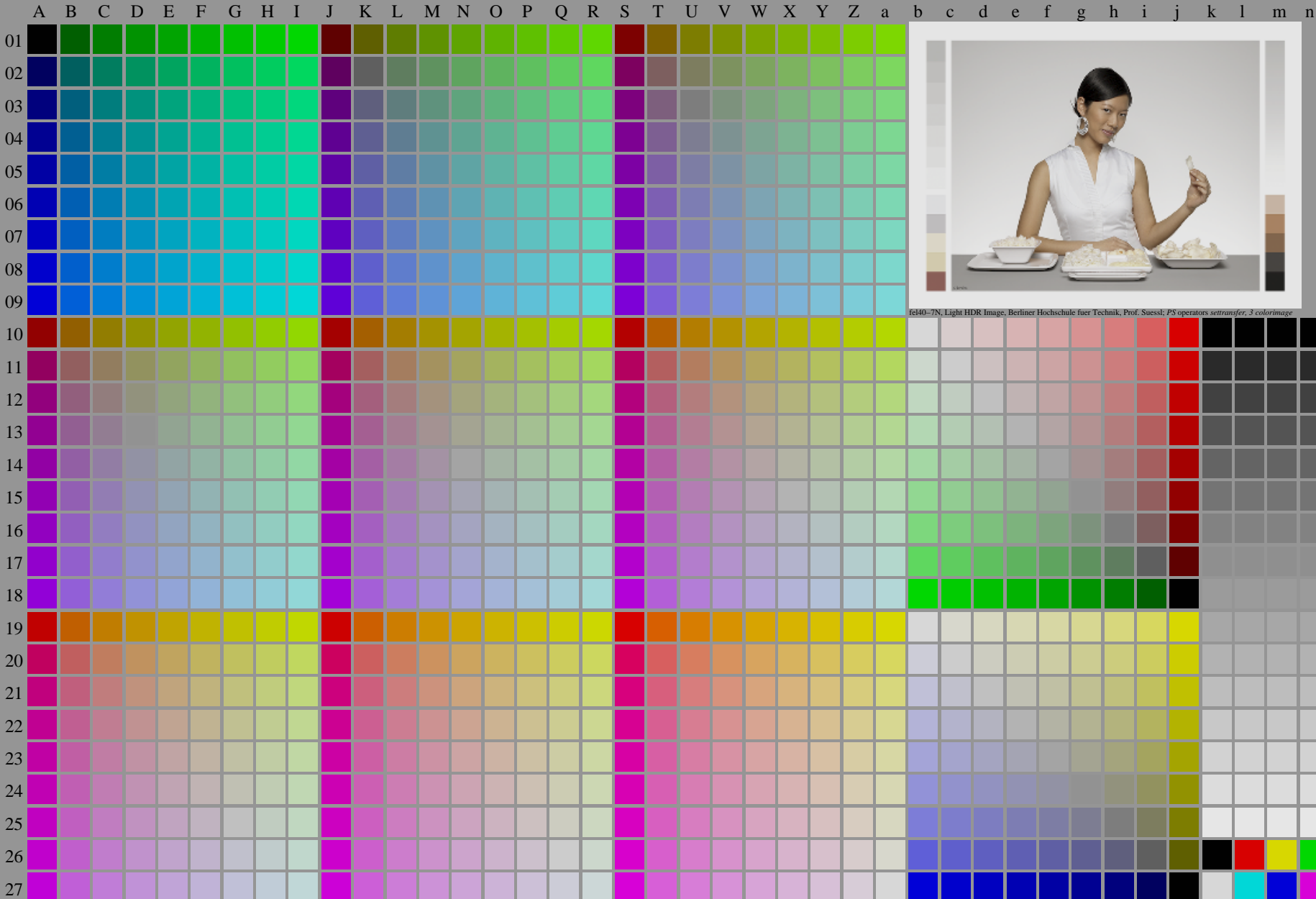
$L^*/Y^*_{intended}$ (absolute)	26.8/5.0	31.4/6.8	36.0/9.0	40.6/11.6	45.1/14.6	49.7/18.2	54.3/22.2	58.8/26.9	63.4/32.1	68.0/38.0	72.6/44.5	77.1/51.7	81.7/59.7	86.3/68.5	90.8/78.1	95.4/88.6
$w^* w^* w^*$ setrgb																
gp=0.7																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^* = l^*_{CIELAB, r}$ (relative)																
$w^*_{intended}$	0,000	0,067	0,133	0,200	0,267	0,333	0,400	0,467	0,533	0,600	0,667	0,733	0,800	0,867	0,933	1,000
$w^*_{out}$	0,0	0,151	0,244	0,324	0,397	0,463	0,527	0,587	0,644	0,699	0,753	0,805	0,855	0,905	0,953	1,0

fel40-7N-134-2: 16 visual equidistant  $L^*$ -grey steps; PS operator:  $w^* w^* w^*$  setrgbcolor

<http://farbe.li.tu-berlin.de/fel4/fel410fa.txt> /.ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fel4/fel4.htm>

see similar files of the whole series: <http://farbe.li.tu-berlin.de/fels.htm>  
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>  
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fel4/fel410fa.txt /.ps  
application for evaluation and measurement of display or print output  
TUB material: code=rh4ta



fel40-7N, Light HDR Image, Berliner Hochschule fuer Technik, Prof. Suessi; PS operators settransfer, 3 colorimage

fel40-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^*_d(A_n)$ ,  $colorm = 1$ ,  $xchart = 5$ ,  $pchart = 0$

TUB-test chart fel4; fel4: Test chart uh\_d09 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb  
Digital equidistant 9 or 16 step colour scales, L-HDR;  $\gamma_R=0,9$   
→ $rgb^*_d, 135-0$ :

http://farbe.li.tu-berlin.de/fel4/fel410a.txt /ps; only vector graphic VG;  
see separate images of this page: http://farbe.li.tu-berlin.de/fel4/fel41.htm

TUB registration: 20240301-fel4/fel410a.txt /ps  
application for evaluation and measurement of display or print output  
TUB material: code rhAtra

see similar files of the whole serie: http://farbe.li.tu-berlin.de/fels.htm  
technical information: http://farbe.li.tu-berlin.de/A/33872E.html  
or http://standards.iso.org/iso/9241/306/ed-2/index.html

Table with 28 columns (A-Z, a-z) and 28 rows (01-28). Each cell contains a numerical value representing color data for a specific character and row.

fel4-70, Page 2/16, Test chart G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): rgb\*(A\_j + k26\_n02), 000n\*(k), w\*(l), nnn0\*(m), www\*(n), colorm = 1, xchart = 5, pchart = 1

TUB-test chart fg; fel4: Test chart um, d09 with 40x27=1080 colours; 1MR, DRH 000n/w/cmy0/rgb  
Digital equidistant 9 or 16 step colour scales, L-XR2;  $\gamma_R=0.9$   
->rgb\*d, 135:1

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fels.htm>  
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>  
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fel4/fel410fa.txt /.ps  
application for evaluation and measurement of display or print output  
TUB material: code=rh4ta

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	$\Delta E^*$
1	37.99	0.0	0.0	37.99 0.0 0.0	0.01
2	41.81	0.0	0.24	51.79 0.0 0.0	9.98
3	45.64	0.0	0.35	57.87 0.0 0.0	12.23
4	49.47	0.0	0.43	62.6 0.0 0.0	13.13
5	53.3	0.0	0.5	66.63 0.0 0.0	13.33
6	57.13	0.0	0.56	70.19 0.0 0.0	13.07
7	60.96	0.0	0.62	73.44 0.0 0.0	12.48
8	64.78	0.0	0.67	76.44 0.0 0.0	11.65
9	68.61	0.0	0.72	79.23 0.0 0.0	10.62
10	72.44	0.0	0.76	81.87 0.0 0.0	9.43
11	76.27	0.0	0.81	84.37 0.0 0.0	8.11
12	80.1	0.0	0.85	86.76 0.0 0.0	6.66
13	83.93	0.0	0.89	89.05 0.0 0.0	5.12
14	87.75	0.0	0.93	91.24 0.0 0.0	3.49
15	91.58	0.0	0.96	93.36 0.0 0.0	1.78
16	95.41	0.0	1.0	95.41 0.0 0.0	0.01
17	37.99	0.0	0.0	37.99 0.0 0.0	0.01
18	52.34	0.0	0.48	65.67 0.0 0.0	13.33
19	66.7	0.0	0.69	77.86 0.0 0.0	11.16
20	81.05	0.0	0.86	87.34 0.0 0.0	6.29
21	95.41	0.0	1.0	95.41 0.0 0.0	0.01

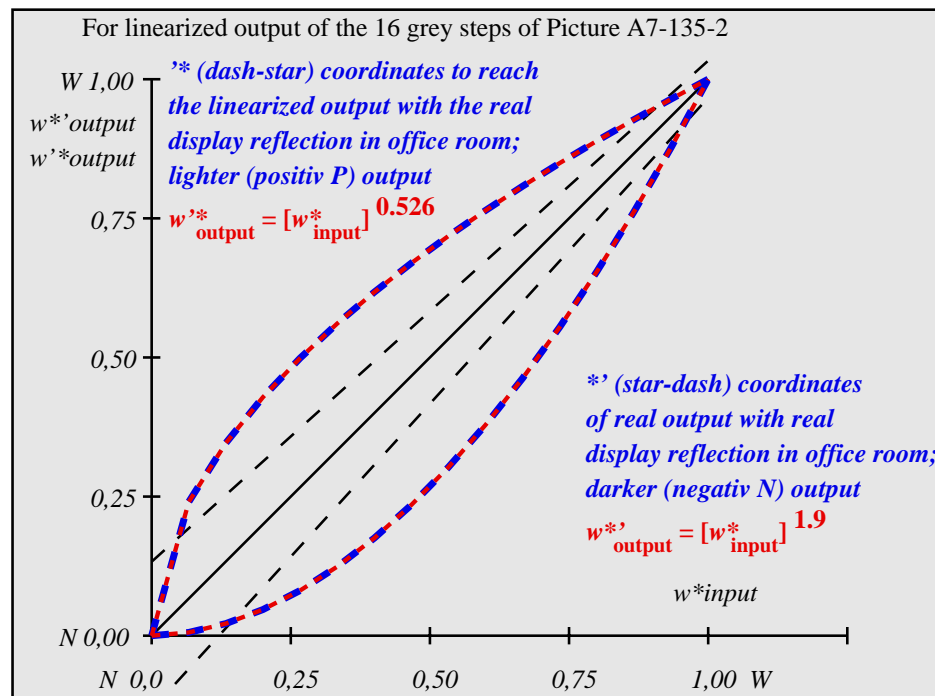
**Start output S1**  
**Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G**

Mean lightness difference (16 steps)  
 $\Delta E^*_{CIELAB} = 8.2$

Mean lightness difference (5 steps)  
 $\Delta L^*_{CIELAB} = 6.2$

Mean colour reproduction index:  $R^*_{ab,m} = 65$

fel40-3N-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fel41-3N-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{intended}$ (absolute)	38.0/10.1	41.8/12.4	45.6/15.0	49.5/18.0	53.3/21.3	57.1/25.1	61.0/29.2	64.8/33.8	68.6/38.8	72.4/44.3	76.3/50.3	80.1/56.9	83.9/63.9	87.8/71.6	91.6/79.8	95.4/88.6
$w^* w^* w^*$ setrgb																
gp=0.63																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^* = l^*_{CIELAB, r}$ (relative)																
$w^*_{intended}$	0,000	0,067	0,133	0,200	0,267	0,333	0,400	0,467	0,533	0,600	0,667	0,733	0,800	0,867	0,933	1,000
$w^*_{out}$	0,0	0,185	0,283	0,366	0,438	0,503	0,564	0,621	0,675	0,727	0,776	0,824	0,87	0,915	0,958	1,0

fel40-7N-135-2: 16 visual equidistant  $L^*$ -grey steps; PS operator:  $w^* w^* w^*$  setrgbcolor

TUB-test chart fel4; fel4: In-output relation according to ISO 9241-306; 1MR, DH 000n/w/cmy0/rgb  
Viewing Y contrast  $Y_W:Y_N=88,9:10$ ;  $Y_N$  range 7,5 to <15, L-HDR;  $\gamma_R=0,9$  ->rgb\*d, 135-2:



<http://farbe.li.tu-berlin.de/fel4/fel410fa.txt> /.ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fel4/fel4.htm>

see similar files of the whole series: <http://farbe.li.tu-berlin.de/fels.htm>  
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>  
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fel4/fel410fa.txt /.ps  
application for evaluation and measurement of display or print output  
TUB material: code=rh4ta



fel40-7N, Light HDR Image, Berliner Hochschule fuer Technik, Prof. Suessl; PS operators settransfer, 3 colorimage

fel40-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^*(A_n)$ ,  $colorm = 1$ ,  $xchart = 6$ ,  $pchart = 0$

TUB-test chart fel4; fel4: Test chart uh\_d09 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb  
Digital equidistant 9 or 16 step colour scales, L-HDR;  $\gamma_R=0,9$   
→ $rgb^*_d, 136-0$ :

V L O M C

[http://farbe.li.tu-berlin.de/fel4/fel410fa.txt / .ps](http://farbe.li.tu-berlin.de/fel4/fel410fa.txt); only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fel4/fel4.htm>

see similar files of the whole serie: [http://farbe.li.tu-berlin.de/fel4/fel410fa.txt / .ps](http://farbe.li.tu-berlin.de/fel4/fel410fa.txt)  
technical information: <http://farbe.li.tu-berlin.de/AV/33872E.html>  
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m	n												
0000A01	0009B01	0018C01	0027D01	0036E01	0045F01	0054G01	0063H01	0072I01	0081J01	0090K01	0099L01	0108M01	0117N01	0126O01	0135P01	0144Q01	0153R01	0162S01	0171T01	0180U01	0189V01	0198W01	0207X01	0216Y01	0225Z01	0234a01	0243b01	0252c01	0261d01	0270e01	0279f01	0288g01	0297h01	0306i01	0315j01	0324k01	0333l01	0342m01	0351n01												
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.286	0.286	0.286	0.286	0.286	0.286	0.286	0.286	0.286	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.286	0.286	0.286	0.286	0.286	0.286	0.286	0.286	0.286	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419

TUB registration: 20240301-fel4/fel410fa.txt / .ps  
application for evaluation and measurement of display or print output

TUB material: code rha1ra

fel4-10, Page 2/16, Test chart G with 40x27=1080 colours; digital calibration colours; Colour data in column (A-n):  $rgb^*(A_j + k26_{n27}), 000n^*(k), w^*(l), nnn^*(m), www^*(n), colorm = 1, xchart = 6, pchart = 1$

TUB-test chart fel4; fel4: Test chart with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb  
Digital equivalent 9 or 16 step colour scales, L-DR=2,  $\gamma_R=0,9 \rightarrow rgb^* L, 136:1$

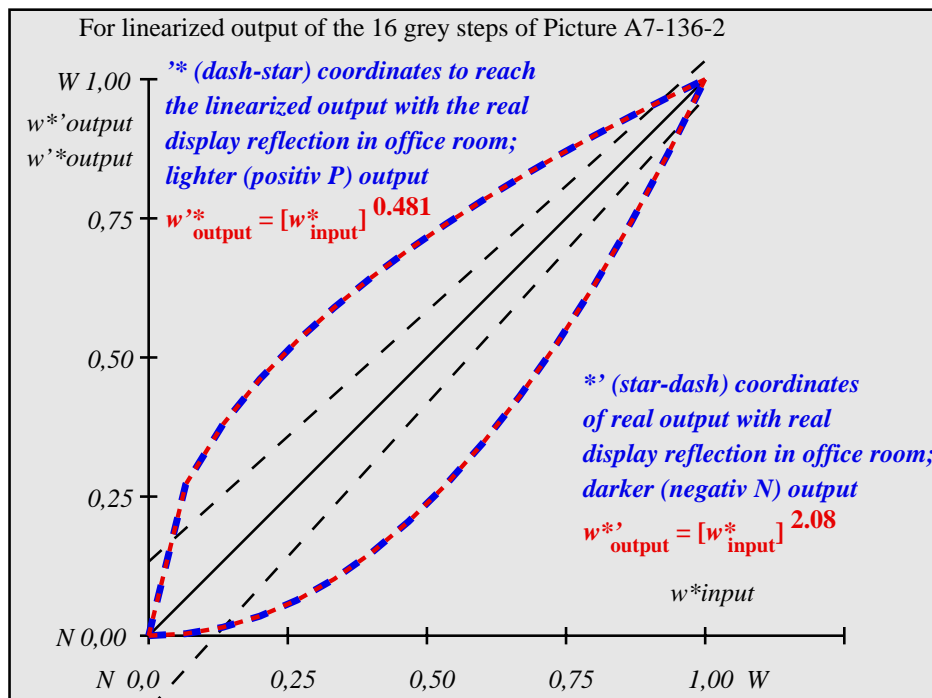
see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fels.htm>  
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>  
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fel4/fel410fa.txt /.ps  
application for evaluation and measurement of display or print output  
TUB material: code=rh4ta

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	$\Delta E^*$	Start output S1
1	52.02	0.0	0.0	52.02	0.0	Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G
2	54.91	0.0	0.27	63.82	0.0	
3	57.8	0.0	0.38	68.49	0.0	
4	60.7	0.0	0.46	72.03	0.0	
5	63.59	0.0	0.53	75.0	0.0	
6	66.48	0.0	0.59	77.61	0.0	
7	69.37	0.0	0.64	79.95	0.0	
8	72.27	0.0	0.69	82.1	0.0	
9	75.16	0.0	0.74	84.09	0.0	
10	78.05	0.0	0.78	85.96	0.0	
11	80.95	0.0	0.82	87.72	0.0	
12	83.84	0.0	0.86	89.4	0.0	
13	86.73	0.0	0.9	91.0	0.0	
14	89.62	0.0	0.93	92.53	0.0	
15	92.52	0.0	0.97	93.99	0.0	Mean lightness difference (16 steps)
16	95.41	0.0	1.0	95.41	0.0	$\Delta E^*_{CIELAB} = 7.0$
17	52.02	0.0	0.0	52.02	0.0	
18	62.87	0.0	0.51	74.3	0.0	
19	73.71	0.0	0.72	83.11	0.0	
20	84.56	0.0	0.87	89.81	0.0	Mean lightness difference (5 steps)
21	95.41	0.0	1.0	95.41	0.0	$\Delta L^*_{CIELAB} = 5.2$

Mean colour reproduction index:  $R^*_{ab,m} = 70$

fel40-3N-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fel41-3N-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{intended}$ (absolute)	52.0/20.2	54.9/22.8	57.8/25.8	60.7/28.9	63.6/32.3	66.5/36.0	69.4/39.9	72.3/44.1	75.2/48.5	78.1/53.3	80.9/58.4	83.8/63.8	86.7/69.5	89.6/75.5	92.5/81.9	95.4/88.6
$w^*_{setrgb}$	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^*_{CIELAB, r}$ (relative)	0,000	0,067	0,133	0,200	0,267	0,333	0,400	0,467	0,533	0,600	0,667	0,733	0,800	0,867	0,933	1,000
$w^*_{intended}$	0,000	0,067	0,133	0,200	0,267	0,333	0,400	0,467	0,533	0,600	0,667	0,733	0,800	0,867	0,933	1,000
$w^*_{out}$	0,0	0,226	0,33	0,413	0,484	0,546	0,604	0,658	0,707	0,755	0,8	0,843	0,885	0,925	0,963	1,0

fel40-7N-136-2: 16 visual equidistant  $L^*$ -grey steps; PS operator:  $w^*_{setrgb}$  color

TUB-test chart fel4; fel4: In-output relation according to ISO 9241-306; 1MR, DH 000n/w/cmy0/rgb  
Viewing Y contrast  $Y_W:Y_N=88,9:20$ ;  $Y_N$  range 15 to <30, L-HDR;  $\gamma_R=0,9$  ->  $rgb^*_d, 136-2$ :

<http://farbe.li.tu-berlin.de/fel4/fel410fa.txt> /.ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fel4/fel4.htm>

see similar files of the whole series: <http://farbe.li.tu-berlin.de/fels.htm>  
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>  
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

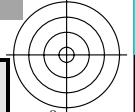
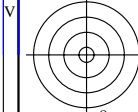
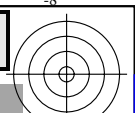
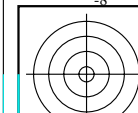
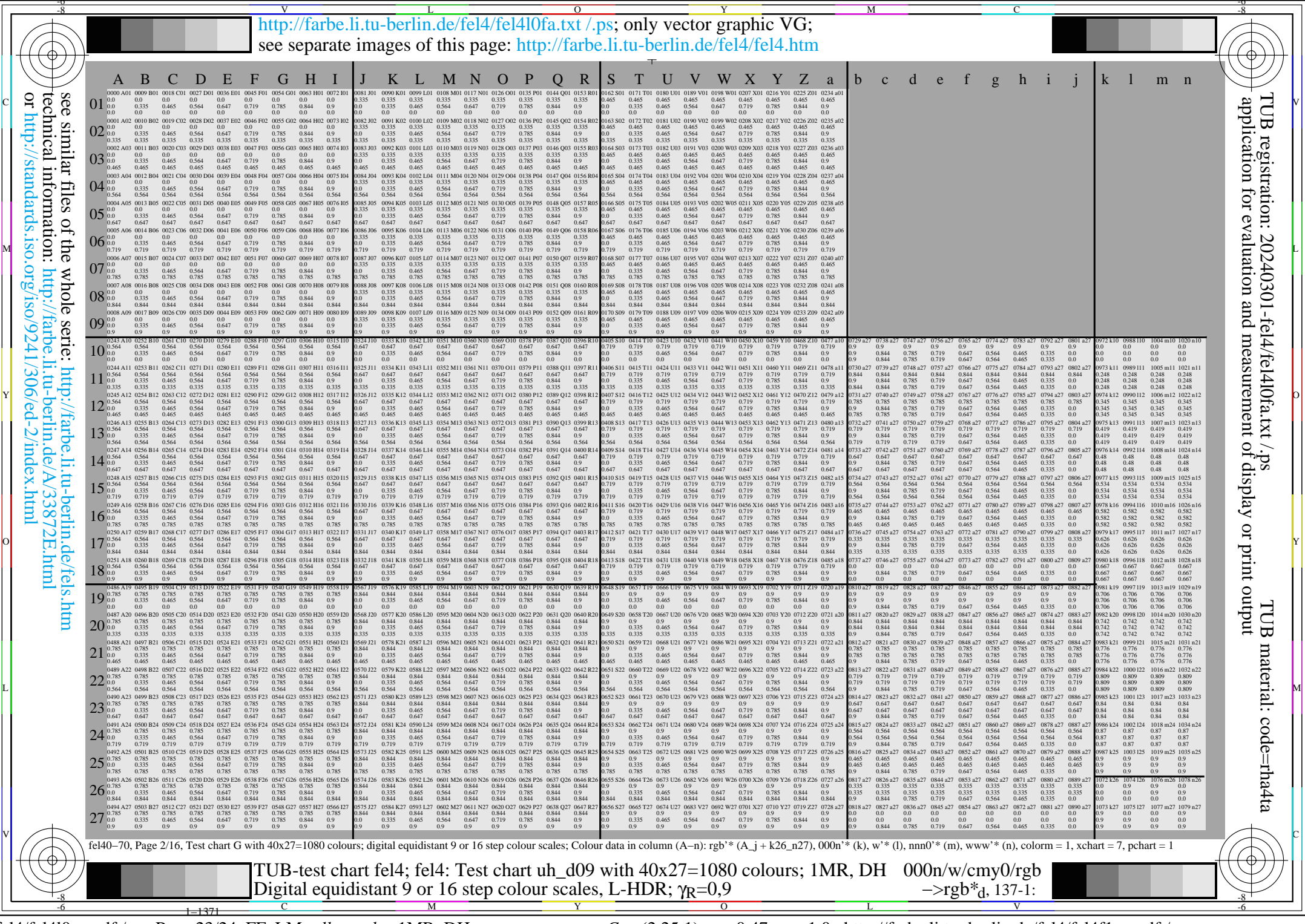
TUB registration: 20240301-fel4/fel410fa.txt /.ps  
application for evaluation and measurement of display or print output  
TUB material: code=rh4ta



fel40-7N, Light HDR Image, Berliner Hochschule fuer Technik, Prof. Suessl; PS operators settransfer, 3 colorimage

fel40-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^*(A_n)$ , colorm = 1, xchart = 7, pchart = 0

TUB-test chart fel4; fel4: Test chart uh\_d09 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb  
Digital equidistant 9 or 16 step colour scales, L-HDR;  $\gamma_R=0,9$   $\rightarrow rgb^*_d, 137-0:$



see similar files of the whole serie: <http://farbe.li-tu-berlin.de/fels.htm>  
 technical information: <http://farbe.li-tu-berlin.de/A/33872E.html>  
 or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fel4/fel410fa.txt /ps  
 application for evaluation and measurement of display or print output  
 TUB material: code rha1ta

fel4-10, Page 2/6, Test chart G with 40x27=1080 colors; digital equivalent 9 or 16 step color scales; Colour data in column (A-n):  $rgb^*(A_j + k26_{n27}), 000n^*(k), w^*(l), nnn0^*(m), www^*(n), color = 1, xchart = 7, pchart = 1$   
 TUB-test chart fel4; fel4: Test chart with 40x27=1080 colors; L-MR, DH 1000w/cmy0/rgb  
 Digital equivalent 9 or 16 step color scales, L-DR,  $\gamma_R=0.9$   
 $\rightarrow rgb^*_d, 137:1$



see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fels.htm>  
technical information: <http://farbe.li.tu-berlin.de/A/33872E.htm>  
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fel4/fel410fa.txt /.ps  
application for evaluation and measurement of display or print output  
TUB material: code=rh4ta

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	$\Delta E^*$	Start output S1
1	69.7	0.0	0.0	69.7	0.0	0.0
2	71.41	0.0	0.3	77.46	0.0	6.04
3	73.13	0.0	0.41	80.24	0.0	7.11
4	74.84	0.0	0.49	82.31	0.0	7.47
5	76.55	0.0	0.56	84.02	0.0	7.47
6	78.27	0.0	0.62	85.51	0.0	7.24
7	79.98	0.0	0.67	86.84	0.0	6.86
8	81.7	0.0	0.71	88.05	0.0	6.35
9	83.41	0.0	0.76	89.17	0.0	5.76
10	85.12	0.0	0.8	90.21	0.0	5.08
11	86.84	0.0	0.84	91.19	0.0	4.35
12	88.55	0.0	0.87	92.11	0.0	3.56
13	90.27	0.0	0.91	92.99	0.0	2.73
14	91.98	0.0	0.94	93.83	0.0	1.85
15	93.7	0.0	0.97	94.64	0.0	0.94
16	95.41	0.0	1.0	95.41	0.0	0.01
17	69.7	0.0	0.0	69.7	0.0	0.01
18	76.13	0.0	0.54	83.62	0.0	7.5
19	82.55	0.0	0.74	88.62	0.0	6.06
20	88.98	0.0	0.88	92.34	0.0	3.35
21	95.41	0.0	1.0	95.41	0.0	0.01

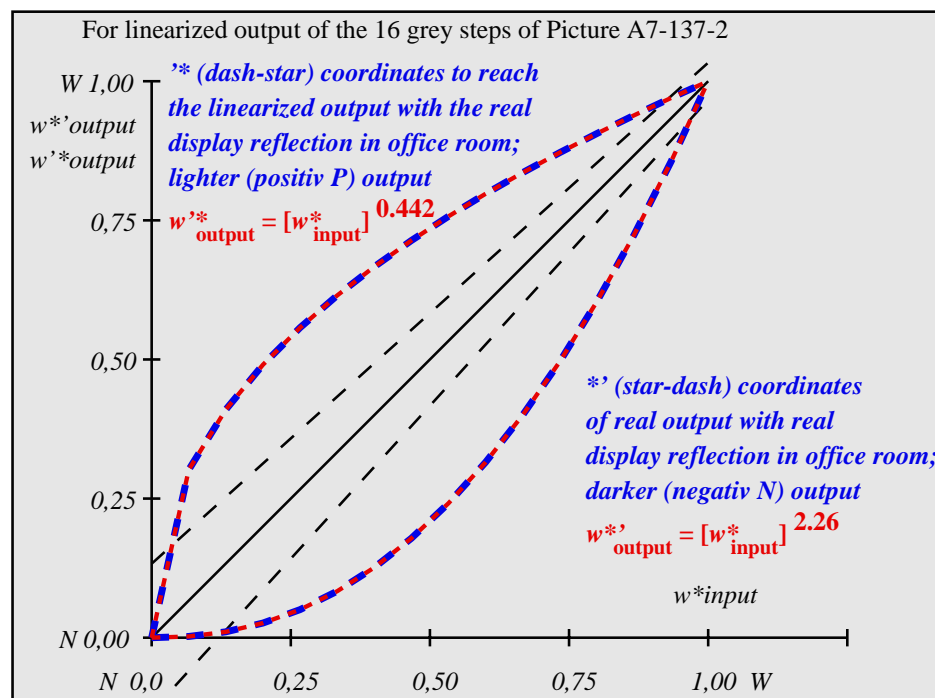
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)  $\Delta E^*_{CIELAB} = 4.6$

Mean lightness difference (5 steps)  $\Delta L^*_{CIELAB} = 3.4$

Mean colour reproduction index:  $R^*_{ab,m} = 80$

fel40-3N-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fel41-3N-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (absolute)	69.7/40.3	71.4/42.8	73.1/45.4	74.8/48.0	76.6/50.8	78.3/53.7	80.0/56.6	81.7/59.7	83.4/62.9	85.1/66.3	86.8/69.7	88.6/73.2	90.3/76.9	92.0/80.7	93.7/84.6	95.4/88.6
$w^* w^* w^*$ setrgb	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^* = l^*_{CIELAB, r}$ (relative)	0,000	0,067	0,133	0,200	0,267	0,333	0,400	0,467	0,533	0,600	0,667	0,733	0,800	0,867	0,933	1,000
$w^*_{intended}$	0,000	0,067	0,133	0,200	0,267	0,333	0,400	0,467	0,533	0,600	0,667	0,733	0,800	0,867	0,933	1,000
$w^*_{out}$	0,0	0,277	0,384	0,466	0,534	0,593	0,647	0,697	0,742	0,785	0,825	0,863	0,899	0,934	0,968	1,0

fel40-7N-137-2: 16 visual equidistant  $L^*$ -grey steps; PS operator:  $w^* w^* w^*$  setrgbcolor

TUB-test chart fel4; fel4: In-output relation according to ISO 9241-306; 1MR, DH 000n/w/cmy0/rgb  
Viewing Y contrast  $Y_W:Y_N=88,9:40$ ;  $Y_N$  range 30 to <60, L-HDR;  $\gamma_R=0,9$   $\rightarrow rgb^*_d, 137-2$