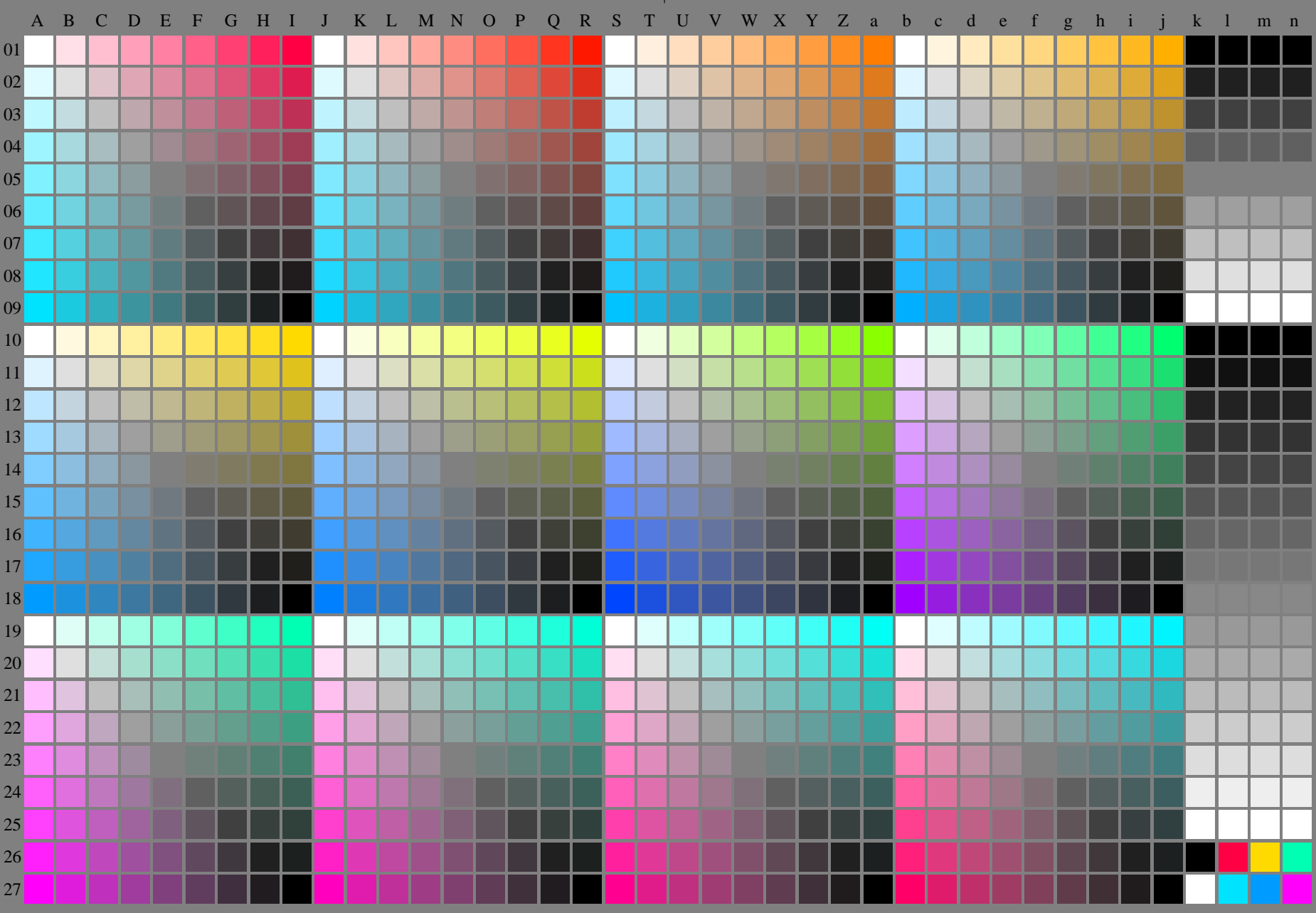
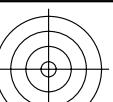
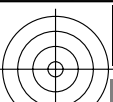


<http://farbe.li.tu-berlin.de/fei7/fei710fa.txt> /.ps; only vector graphic VG; start output  
see separate images of this page: <http://farbe.li.tu-berlin.de/fei7/fei7.htm>



see similar files of the whole serie: <http://farbe.li.tu-berlin.de/feis.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-fei7/fei710fa.txt /.ps  
application for evaluation and measurement of display or print output  
TUB material: code=rh4ta

fei70-7n-130-0: Test chart 2o with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^*(A_n, colorml = 1)$

TUB-test chart fei7; Test chart 2e\_e0 with 40x27=1080 colours; 1MR, DEH  
Digital equidistant 9 or 16 step colour scales

000n/w/cmy0/rgb  
-> $rgb^*_{de}$ , 130-0:



<http://farbe.li.tu-berlin.de/fei7/fei710fa.txt> /ps; only vector graphic VG; start output

see separate images of this page: <http://farbe.li.tu-berlin.de/fei7/fei7.htm>

TUB registration: 20240301-fei7/fei710fa.txt /ps  
application for evaluation and measurement of display or print output  
TUB material: code=thata

see similar files of the whole series: <http://farbe.li.tu-berlin.de/feis.htm>  
technical information: <http://farbe.li.tu-berlin.de/A/33872E.htm>  
or <http://standards.iso.org/iso/9241/306/6e-2/index.html>

Table with columns labeled A through z and rows labeled 01 through 27. Each cell contains a 3x3 grid of numerical values representing color data points.

fei70-7n-130-1: Test chart 2o with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^*(A_j + k26_n27), 000n^*(k), w^*(l), mnn0^*(m), wvw^*(n), colorm = 1$

TUB-test chart fei7; Test chart 2e\_0 with 40x27=1080 colours; 1MR, DEH 000n w/cmy0/rgb  
Digital equidistant 9 or 16 step colour scales  
->rgb\*\_de, 130-1:

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/feis.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-fei7/fei710fa.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	ΔE*
1	0.0	0.0	0.0	0.0	0.01
2	6.36	0.0	0.07	6.36	0.01
3	12.72	0.0	0.13	12.72	0.01
4	19.08	0.0	0.2	19.08	0.01
5	25.44	0.0	0.27	25.44	0.01
6	31.8	0.0	0.33	31.8	0.01
7	38.16	0.0	0.4	38.16	0.01
8	44.52	0.0	0.47	44.52	0.01
9	50.89	0.0	0.53	50.89	0.01
10	57.25	0.0	0.6	57.25	0.01
11	63.61	0.0	0.67	63.61	0.01
12	69.97	0.0	0.73	69.97	0.01
13	76.33	0.0	0.8	76.33	0.01
14	82.69	0.0	0.87	82.69	0.01
15	89.05	0.0	0.93	89.05	0.01
16	95.41	0.0	1.0	95.41	0.01
17	0.0	0.0	0.0	0.0	0.01
18	23.85	0.0	0.25	23.85	0.01
19	47.71	0.0	0.5	47.71	0.01
20	71.56	0.0	0.75	71.56	0.01
21	95.41	0.0	1.0	95.41	0.01

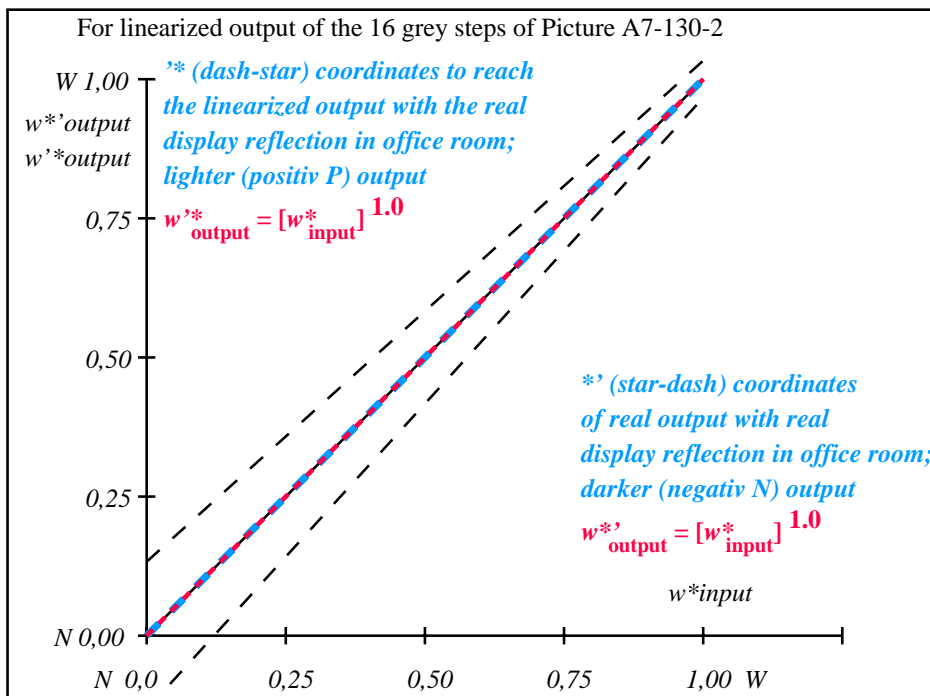
**Start output S1**  
**Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G**

Mean lightness difference (16 steps)  
 $\Delta E^*_{CIELAB} = 0.0$

Mean lightness difference (5 steps)  
 $\Delta L^*_{CIELAB} = 0.0$

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

fei70-3n-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fei71-3n-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

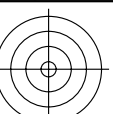
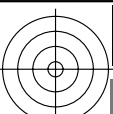
$L^*/Y^*_{intended}$ (absolute)	0.0/0.0	6.3/0.7	12.7/1.5	19.0/2.7	25.4/4.5	31.8/6.9	38.1/10.1	44.5/14.2	50.8/19.1	57.2/25.1	63.6/32.3	69.9/40.7	76.3/50.4	82.6/61.5	89.0/74.2	95.4/88.5
$w^* w^* w^*$ setrgb gp=1.0																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	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

OE740-7n, Picture A7-130-2: 16 visual equidistant  $L^*$ -grey steps; PS operator:  $w^* w^* w^*$  setrgbcolor

TUB-test chart fei7; In-output relation according to ISO 9241-306; 1MR, DEH  
 Viewing Y contrast  $Y_W:Y_N=88,9:0,31$ ;  $Y_N$  range 0,0 to <0,46

000n/w/cmy0/rgb  
 ->rgb\*\_de, 130-2:

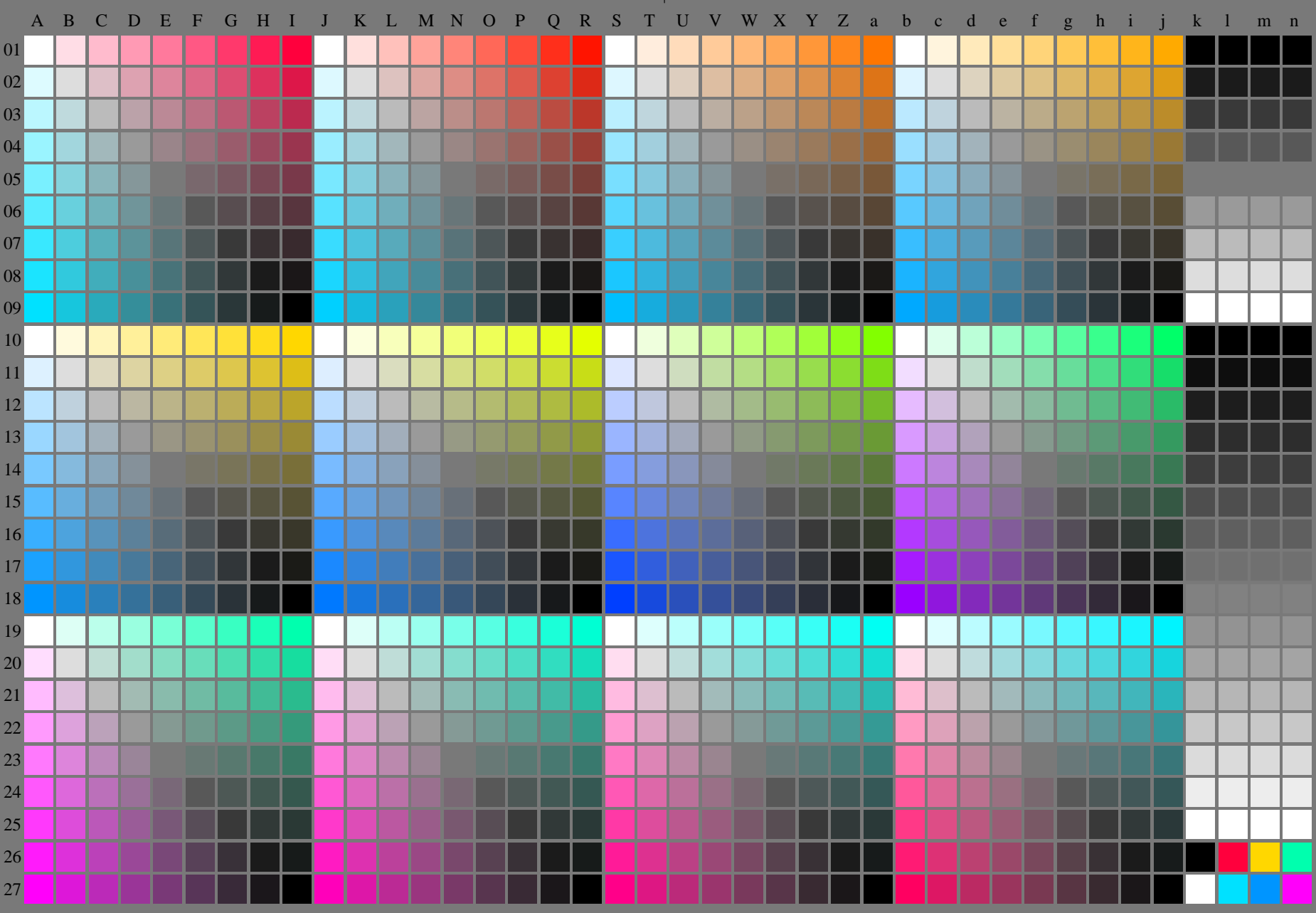
<http://farbe.li.tu-berlin.de/fei7/fei710fa.txt> /.ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fei7/fei7.htm>



see similar files of the whole series: <http://farbe.li.tu-berlin.de/feis.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-fei7/fei710fa.txt /.ps  
application for evaluation and measurement of display or print output

TUB material: code=rh4ta

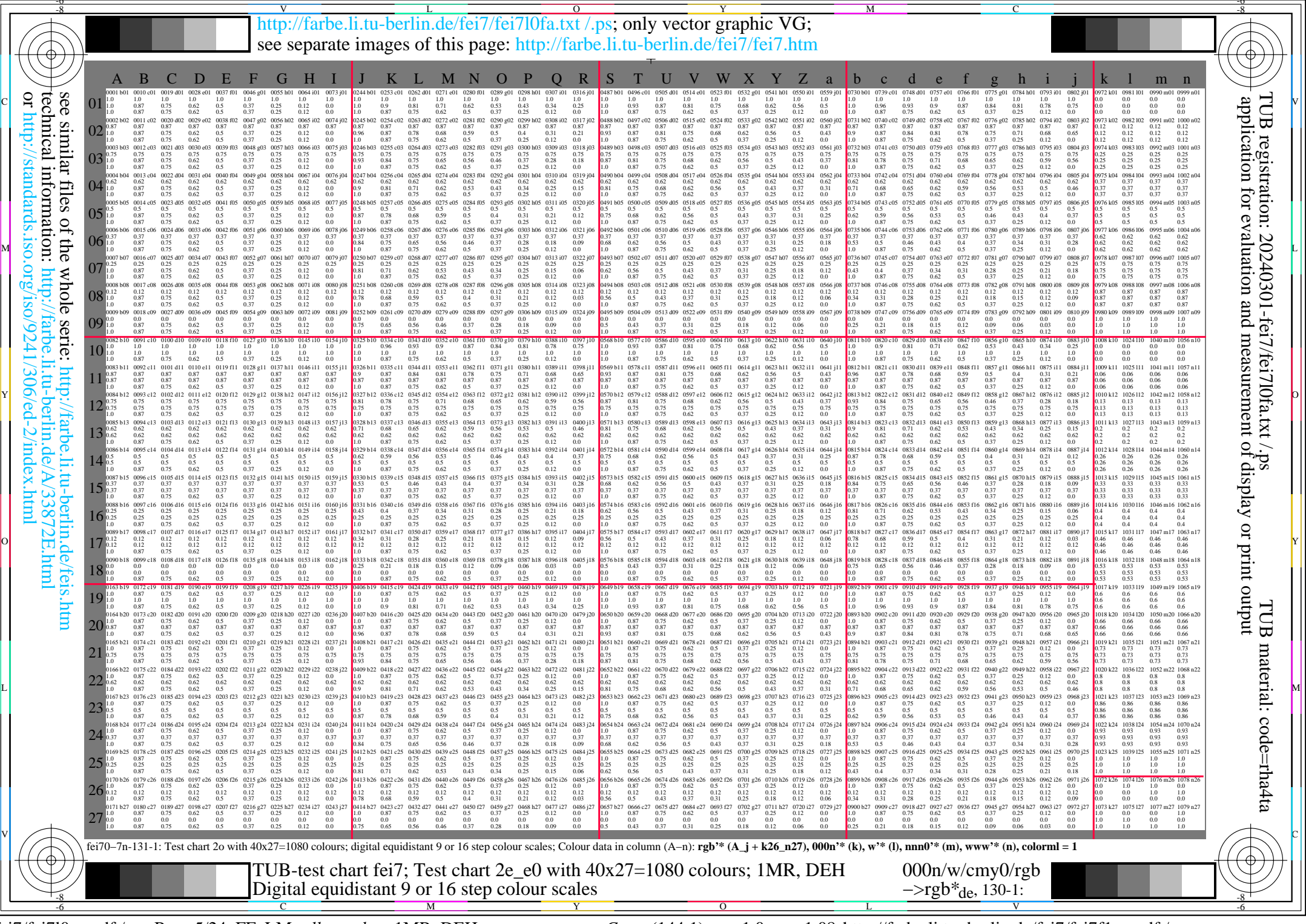


fei70-7n-131-0: Test chart 2o with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^* (A_n, colorml = 1)$

TUB-test chart fei7; Test chart 2e\_e0 with 40x27=1080 colours; 1MR, DEH  
Digital equidistant 9 or 16 step colour scales

000n/w/cmy0/rgb  
->rgb\*\_de, 130-0:

<http://farbe.li.tu-berlin.de/fei7/fei710fa.txt> / .ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fei7/fei7.htm>



see similar files of the whole section: <http://farbe.li.tu-berlin.de/feis.htm>  
technical information: <http://farbe.li.tu-berlin.de/A/33872E.htm>  
or <http://standards.iso.org/iso/9241/306/e6-2/index.html>

TUB registration: 20240301-fei7/fei710fa.txt / .ps  
application for evaluation and measurement of display or print output  
TUB material: code=rh4ta

fei70-7n-131-1: Test chart 2o with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): **rgb\*<sup>a</sup>** (A<sub>j</sub> + k26\_n27), 000n\*<sup>b</sup> (k), w\*<sup>b</sup> (l), nmno\*<sup>b</sup> (m), www\*<sup>b</sup> (n), colorm = 1  
TUB-test chart fei7; Test chart 2e\_n0 with 40x27=1080 colours; 1MR, DEH 000N/w/cmy0/rgb  
Digital equidistant 9 or 16 step colour scales ->rgb\*\_de, 130-1:

<http://farbe.li.tu-berlin.de/fei7/fei710fa.txt> /.ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fei7/fei7.htm>

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/feis.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-fei7/fei710fa.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	5.69	0.0	0.0	5.69	0.0	0.0	0.0	0.0	0.0	0.01	
2	11.67	0.0	0.0	0.04	9.36	0.0	0.0	-2.3	0.0	0.0	2.31
3	17.65	0.0	0.0	0.09	14.01	0.0	0.0	-3.63	0.0	0.0	3.64
4	23.63	0.0	0.0	0.15	19.12	0.0	0.0	-4.5	0.0	0.0	4.51
5	29.62	0.0	0.0	0.21	24.55	0.0	0.0	-5.06	0.0	0.0	5.07
6	35.6	0.0	0.0	0.27	30.23	0.0	0.0	-5.36	0.0	0.0	5.37
7	41.58	0.0	0.0	0.34	36.12	0.0	0.0	-5.45	0.0	0.0	5.46
8	47.56	0.0	0.0	0.41	42.19	0.0	0.0	-5.36	0.0	0.0	5.37
9	53.54	0.0	0.0	0.48	48.42	0.0	0.0	-5.11	0.0	0.0	5.12
10	59.52	0.0	0.0	0.55	54.79	0.0	0.0	-4.72	0.0	0.0	4.73
11	65.5	0.0	0.0	0.62	61.29	0.0	0.0	-4.2	0.0	0.0	4.21
12	71.48	0.0	0.0	0.69	67.91	0.0	0.0	-3.56	0.0	0.0	3.57
13	77.47	0.0	0.0	0.77	74.64	0.0	0.0	-2.82	0.0	0.0	2.83
14	83.45	0.0	0.0	0.84	81.47	0.0	0.0	-1.97	0.0	0.0	1.98
15	89.43	0.0	0.0	0.92	88.4	0.0	0.0	-1.02	0.0	0.0	1.03
16	95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.0	0.01
17	5.69	0.0	0.0	5.69	0.0	0.0	0.0	0.0	0.0	0.0	0.01
18	28.12	0.0	0.0	0.19	23.17	0.0	0.0	-4.94	0.0	0.0	4.95
19	50.55	0.0	0.0	0.44	45.29	0.0	0.0	-5.25	0.0	0.0	5.26
20	72.98	0.0	0.0	0.71	69.58	0.0	0.0	-3.39	0.0	0.0	3.4
21	95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.0	0.01

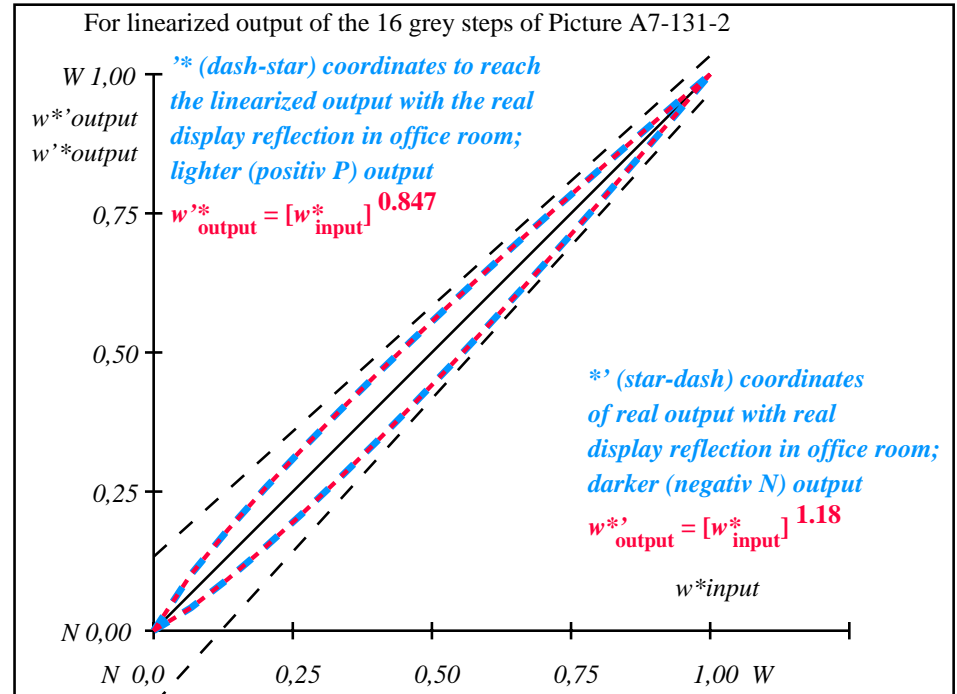
**Start output S1**  
**Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G**

Mean lightness difference (16 steps)  
 $\Delta E^*_{CIELAB} = 3.4$

Mean lightness difference (5 steps)  
 $\Delta L^*_{CIELAB} = 2.7$

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

fei70-3n-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fei71-3n-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

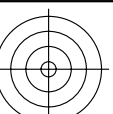
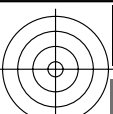
$L^*/Y^*_{intended}$ (absolute)	5.6/0.6	11.6/1.3	17.6/2.4	23.6/3.9	29.6/6.0	35.5/8.8	41.5/12.2	47.5/16.4	53.5/21.5	59.5/27.5	65.5/34.6	71.4/42.8	77.4/52.3	83.4/63.0	89.4/75.0	95.4/88.5
$w^* w^* w^*$ setrgb																
$g_N=1.08$																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	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	0.053	0.112	0.175	0.239	0.304	0.371	0.439	0.506	0.575	0.645	0.714	0.785	0.857	0.927	1.0

OE740-7n, Picture A7-131-2: 16 visual equidistant  $L^*$ -grey steps; PS operator:  $w^* w^* w^*$  setrgbcolor

TUB-test chart fei7; In-output relation according to ISO 9241-306; 1MR, DEH  
Viewing Y contrast  $Y_W:Y_N=88,9:0,62$ ;  $Y_N$  range 0,46 to <0,93

000n/w/cmy0/rgb  
->rgb\*\_de, 130-2:

<http://farbe.li.tu-berlin.de/fei7/fei710fa.txt> /.ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fei7/fei7.htm>



C

M

Y

O

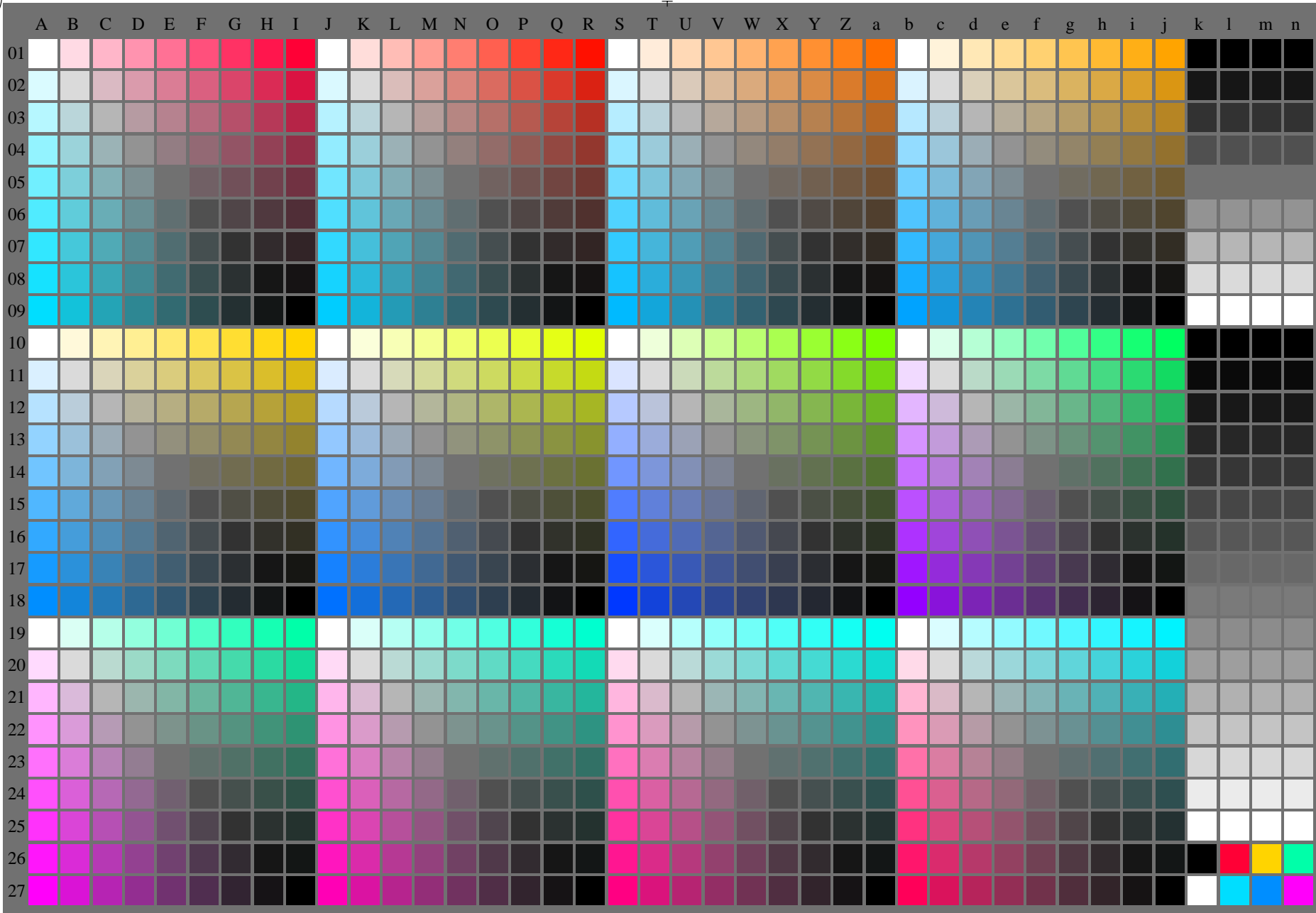
L

V

see similar files of the whole series: <http://farbe.li.tu-berlin.de/feis.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-fei7/fei710fa.txt /.ps  
application for evaluation and measurement of display or print output

TUB material: code=rh4ta



fei70-7n-132-0: Test chart 2o with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^*(A_n, colorml = 1)$

TUB-test chart fei7; Test chart 2e\_e0 with 40x27=1080 colours; 1MR, DEH  
Digital equidistant 9 or 16 step colour scales

000n/w/cmy0/rgb  
->rgb\*\_de, 130-0:







see similar files of the whole serie: <http://farbe.li.tu-berlin.de/feis.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-fei7/fei710fa.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	10.99	0.0	10.99	0.0	0.01
2	16.62	0.0	13.12	-3.49	3.5
3	22.25	0.0	16.44	-5.8	5.81
4	27.88	0.0	20.45	-7.41	7.42
5	33.5	0.0	24.98	-8.51	8.52
6	39.13	0.0	29.94	-9.19	9.19
7	44.76	0.0	35.27	-9.48	9.49
8	50.39	0.0	40.93	-9.44	9.45
9	56.02	0.0	46.9	-9.11	9.12
10	61.64	0.0	53.13	-8.5	8.51
11	67.27	0.0	59.63	-7.63	7.64
12	72.9	0.0	66.36	-6.53	6.54
13	78.53	0.0	73.31	-5.2	5.21
14	84.15	0.0	80.48	-3.66	3.67
15	89.78	0.0	87.85	-1.92	1.93
16	95.41	0.0	95.41	0.0	0.01
17	10.99	0.0	10.99	0.0	0.01
18	32.1	0.0	23.81	-8.28	8.29
19	53.2	0.0	43.88	-9.31	9.32
20	74.31	0.0	68.08	-6.22	6.23
21	95.41	0.0	95.41	0.0	0.01

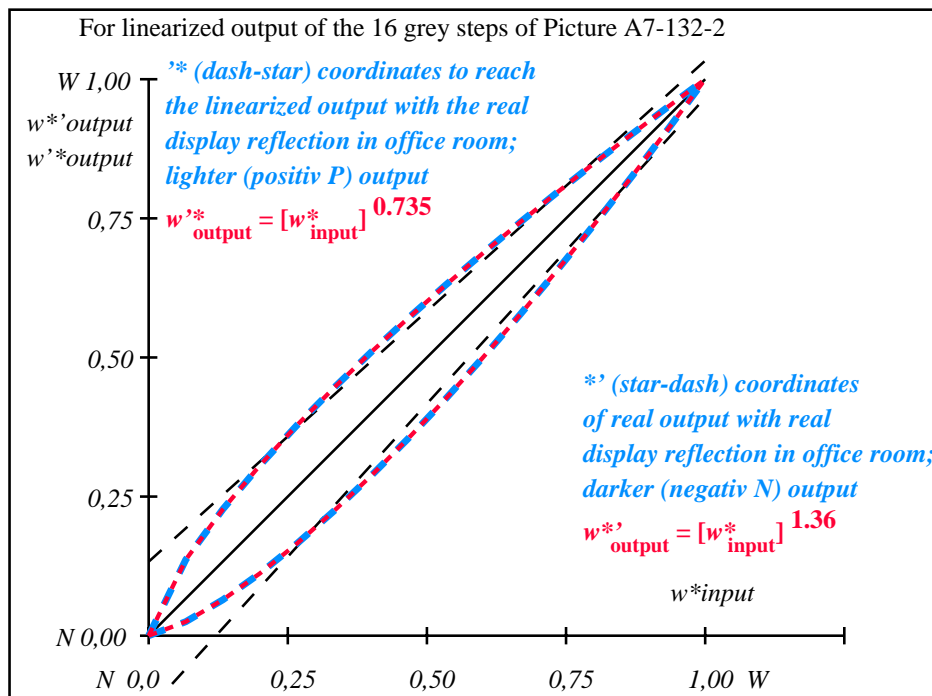
**Start output S1**  
**Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G**

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

Mean lightness difference (5 steps)  
 $\Delta L^*_{CIELAB} = 4.8$

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

fei70-3n-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fei71-3n-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

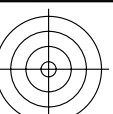
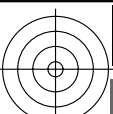
$L^*/Y^*_{intended}$ (absolute)	10.9/1.2	16.6/2.2	22.2/3.5	27.8/5.4	33.5/7.7	39.1/10.7	44.7/14.3	50.3/18.7	56.0/23.9	61.6/29.9	67.2/36.9	72.8/45.0	78.5/54.1	84.1/64.3	89.7/75.8	95.4/88.5
$w^* w^* w^*$ setrgb																
$g_N=1.17$																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	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	0,041	0,093	0,15	0,211	0,274	0,34	0,408	0,476	0,548	0,62	0,693	0,769	0,845	0,921	1,0

OE740-7n, Picture A7-132-2: 16 visual equidistant  $L^*$ -grey steps; PS operator:  $w^* w^* w^*$  setrgbcolor

TUB-test chart fei7; In-output relation according to ISO 9241-306; 1MR, DEH  
Viewing Y contrast  $Y_W:Y_N=88,9:1,25$ ;  $Y_N$  range 0,93 to <1,87

000n/w/cmy0/rgb  
->rgb\*\_de, 130-2:

<http://farbe.li.tu-berlin.de/fei7/fei710fa.txt> /.ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fei7/fei7.htm>



C

M

Y

O

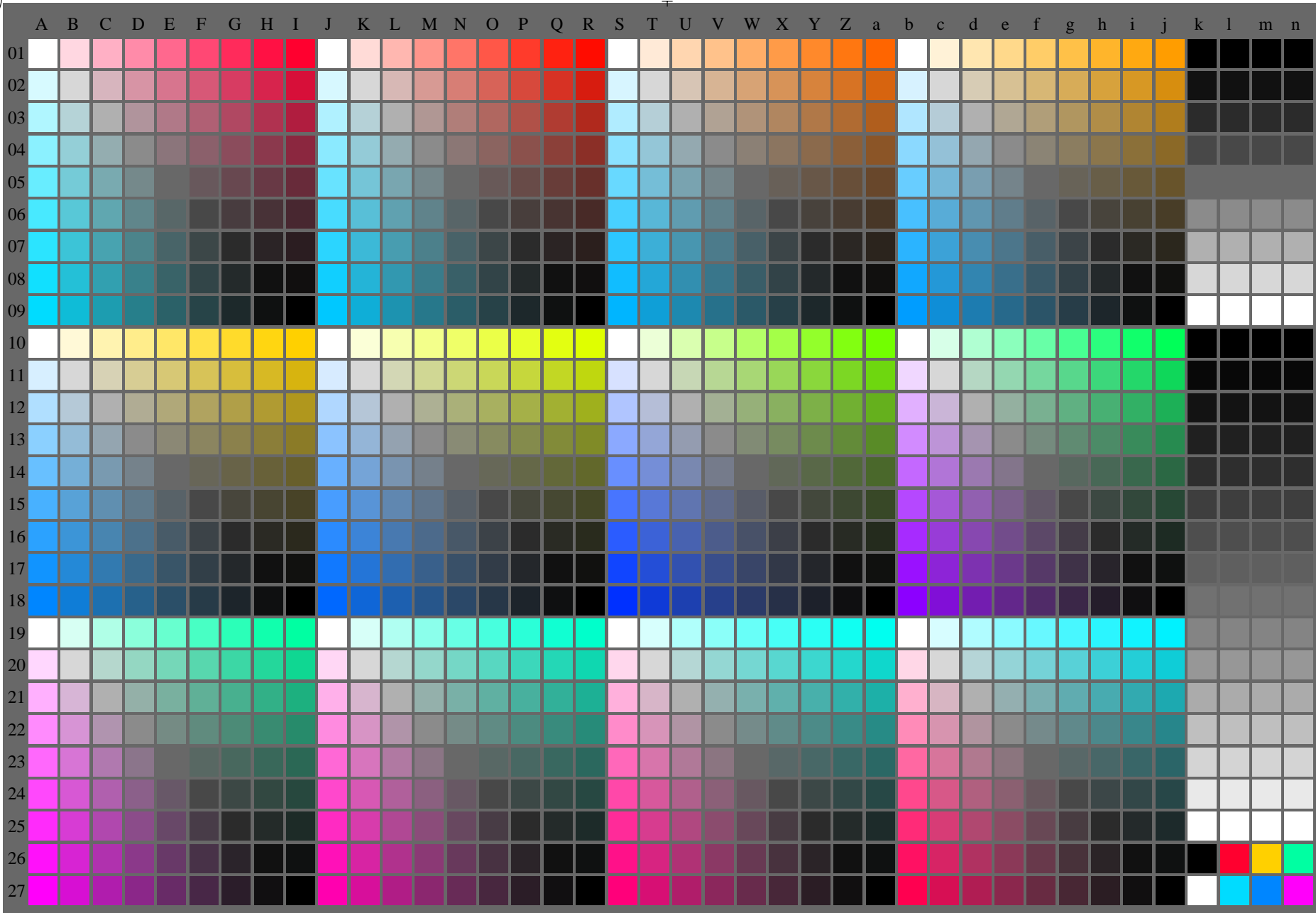
L

V

see similar files of the whole series: <http://farbe.li.tu-berlin.de/feis.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-fei7/fei710fa.txt /.ps  
application for evaluation and measurement of display or print output

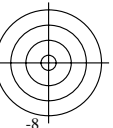
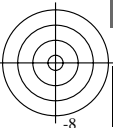
TUB material: code=rh4ta



fei70-7n-133-0: Test chart 2o with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^*(A_n, colorml = 1)$

TUB-test chart fei7; Test chart 2e\_e0 with 40x27=1080 colours; 1MR, DEH  
Digital equidistant 9 or 16 step colour scales

000n/w/cmy0/rgb  
->rgb\*\_de, 130-0:



C

M

Y

O

L

V

C



see similar files of the whole serie: <http://farbe.li.tu-berlin.de/feis.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-fei7/fei710fa.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	ΔE*	Start output S1
1	18.01	0.0	0.0	18.01	0.0	0.0
2	23.17	0.0	0.02	19.2	0.0	3.96
3	28.33	0.0	0.04	21.49	0.0	6.84
4	33.49	0.0	0.08	24.5	0.0	8.99
5	38.65	0.0	0.13	28.12	0.0	10.53
6	43.81	0.0	0.18	32.26	0.0	11.54
7	48.97	0.0	0.24	36.89	0.0	12.08
8	54.13	0.0	0.31	41.94	0.0	12.19
9	59.29	0.0	0.38	47.41	0.0	11.88
10	64.45	0.0	0.46	53.25	0.0	11.2
11	69.61	0.0	0.54	59.46	0.0	10.15
12	74.77	0.0	0.62	66.02	0.0	8.75
13	79.93	0.0	0.71	72.9	0.0	7.03
14	85.09	0.0	0.8	80.1	0.0	4.99
15	90.25	0.0	0.9	87.61	0.0	2.64
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	0.12	27.16	0.0	10.2
19	56.71	0.0	0.34	44.63	0.0	12.08
20	76.06	0.0	0.64	67.71	0.0	8.35
21	95.41	0.0	1.0	95.41	0.0	0.01

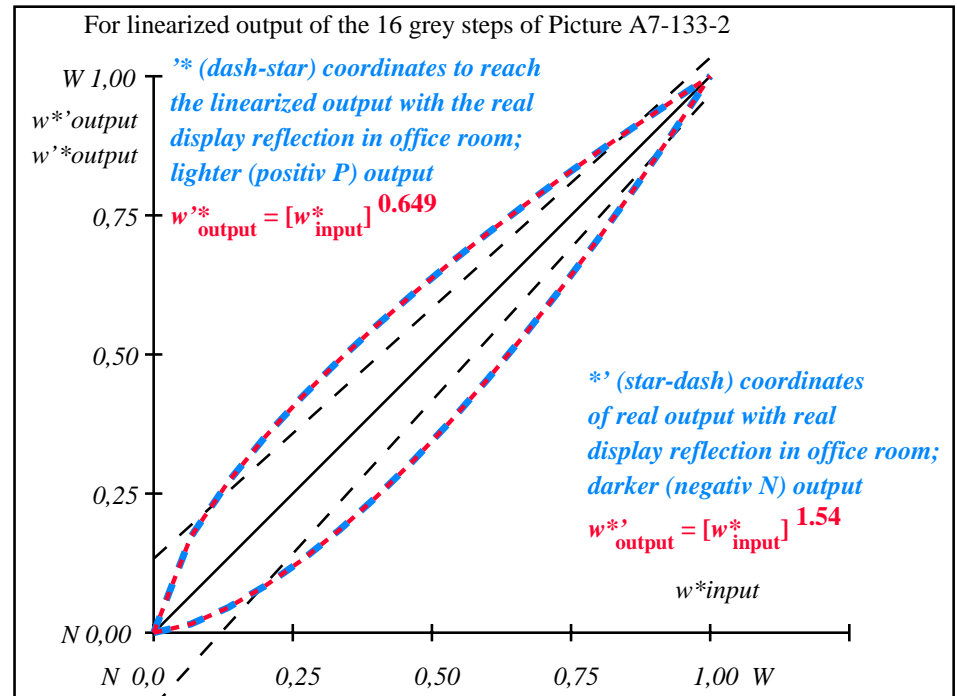
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)  $\Delta E^*_{CIELAB} = 7.7$

Mean lightness difference (5 steps)  $\Delta L^*_{CIELAB} = 6.1$

Mean colour reproduction index:  $R^*_{ab,m} = 66$

fei70-3n-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fei71-3n-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

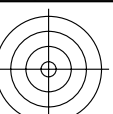
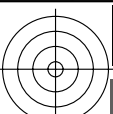
$L^*/Y_{intended}$ (absolute)	18.0/2.5	23.1/3.8	28.3/5.5	33.4/7.7	38.6/10.4	43.8/13.7	48.9/17.5	54.1/22.0	59.2/27.3	64.4/33.3	69.6/40.1	74.7/47.9	79.9/56.5	85.0/66.1	90.2/76.8	95.4/88.5
$w^* w^* w^*$ setrgb																
$g_N=1.29$																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	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	0.03	0.074	0.125	0.181	0.241	0.306	0.374	0.444	0.517	0.593	0.669	0.749	0.831	0.914	1.0

OE740-7n, Picture A7-133-2: 16 visual equidistant  $L^*$ -grey steps; PS operator:  $w^* w^* w^*$  setrgbcolor

TUB-test chart fei7; In-output relation according to ISO 9241-306; 1MR, DEH  
Viewing Y contrast  $Y_W:Y_N=88,9:2,5$ ;  $Y_N$  range 1,87 to <3,75

000n/w/cmy0/rgb  
->rgb\*\_de, 130-2:

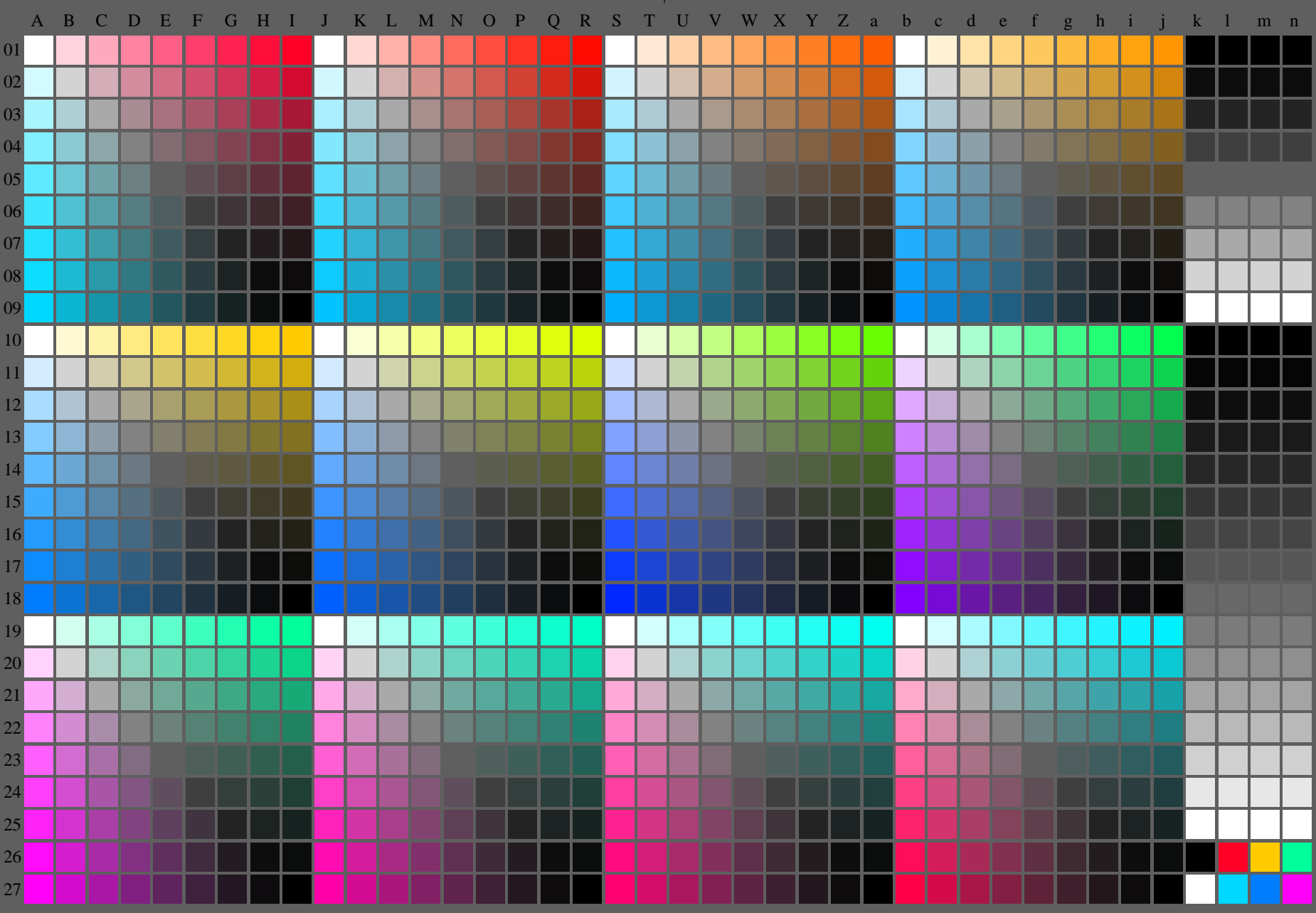
<http://farbe.li.tu-berlin.de/fei7/fei710fa.txt> /.ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fei7/fei7.htm>



see similar files of the whole series: <http://farbe.li.tu-berlin.de/feis.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-fei7/fei710fa.txt /.ps  
application for evaluation and measurement of display or print output

TUB material: code=rh4ta

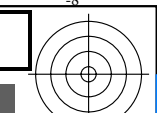
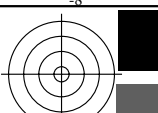


fei70-7n-134-0: Test chart 2o with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^* (A_n, colorml = 1)$

TUB-test chart fei7; Test chart 2e\_e0 with 40x27=1080 colours; 1MR, DEH  
Digital equidistant 9 or 16 step colour scales

000n/w/cmy0/rgb  
->rgb\*\_de, 130-0:

<http://farbe.li.tu-berlin.de/fei7/fei710fa.txt /ps>; only vector graphic VG;  
 see separate images of this page: <http://farbe.li.tu-berlin.de/fei7/fei7.htm>



see similar files of the whole series: <http://farbe.li.tu-berlin.de/feis.htm>  
 technical information: <http://farbe.li.tu-berlin.de/A/33872E.htm>  
 or <http://standards.iso.org/iso/9241/306/e6-2/index.html>

	V															L															O															M															C															
	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	o																																			
01	0001 b0	0010 c01	0019 d01	0028 e01	0037 f01	0046 g01	0055 h01	0064 i01	0073 j01	0244 b01	0253 c01	0262 d01	0271 e01	0280 f01	0289 g01	0298 h01	0307 i01	0316 j01	0487 b01	0496 c01	0505 d01	0514 e01	0523 f01	0532 g01	0541 h01	0550 i01	0559 j01	0730 b01	0739 c01	0748 d01	0757 e01	0766 f01	0775 g01	0784 h01	0793 i01	0802 j01	0972 b01	0981 i01	0990 m01	0999 n01																																				

TUB registration: 20240301-fei7/fei710fa.txt /ps  
 application for evaluation and measurement of display or print output

TUB material: code=rh4ta

fei70-7n-134-1: Test chart 2o with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^*(A_j + k26_n27), 000n^*(k), w^*(l), nmn0^*(m), wvw^*(n), colorm = 1$

**TUB-test chart fei7; Test chart 2e\_n0 with 40x27=1080 colours; 1MR, DEH 000n w/cmy0/r gb  
 Digital equidistant 9 or 16 step colour scales ->rgb\*\_de, 130-1:**

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/feis.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-fei7/fei710fa.txt /.ps  
application for evaluation and measurement of display or print output  
TUB material: code=rh4ta

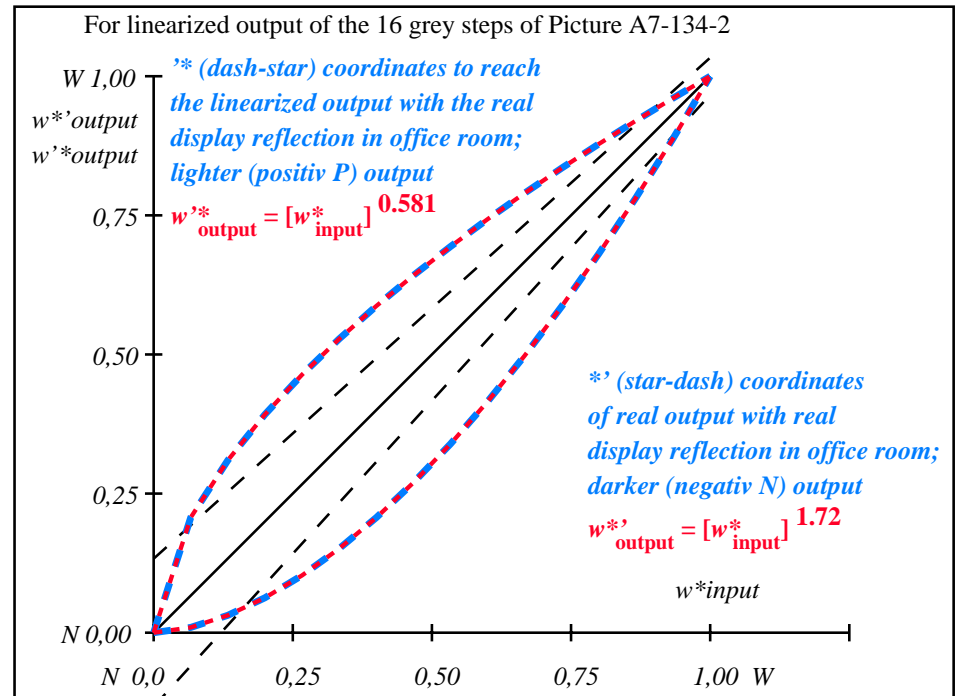
i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE*
1	26.85 0.0 0.0	0.0 0.0	26.85 0.0 0.0	0.0 0.0 0.0	0.01
2	31.42 0.0 0.0	0.01 27.5 0.0 0.0	-3.91 0.0 0.0	3.92	
3	35.99 0.0 0.0	0.03 28.99 0.0 0.0	-6.99 0.0 0.0	7.0	
4	40.56 0.0 0.0	0.06 31.15 0.0 0.0	-9.4 0.0 0.0	9.41	
5	45.13 0.0 0.0	0.1 33.91 0.0 0.0	-11.21 0.0 0.0	11.22	
6	49.7 0.0 0.0	0.15 37.21 0.0 0.0	-12.48 0.0 0.0	12.49	
7	54.27 0.0 0.0	0.21 41.03 0.0 0.0	-13.24 0.0 0.0	13.25	
8	58.84 0.0 0.0	0.27 45.33 0.0 0.0	-13.5 0.0 0.0	13.51	
9	63.41 0.0 0.0	0.34 50.1 0.0 0.0	-13.3 0.0 0.0	13.31	
10	67.99 0.0 0.0	0.42 55.33 0.0 0.0	-12.65 0.0 0.0	12.66	
11	72.56 0.0 0.0	0.5 60.98 0.0 0.0	-11.56 0.0 0.0	11.57	
12	77.13 0.0 0.0	0.59 67.06 0.0 0.0	-10.05 0.0 0.0	10.06	
13	81.7 0.0 0.0	0.68 73.56 0.0 0.0	-8.13 0.0 0.0	8.14	
14	86.27 0.0 0.0	0.78 80.45 0.0 0.0	-5.81 0.0 0.0	5.82	
15	90.84 0.0 0.0	0.89 87.74 0.0 0.0	-3.09 0.0 0.0	3.1	
16	95.41 0.0 0.0	1.0 95.41 0.0 0.0	0.0 0.0 0.0	0.01	
17	26.85 0.0 0.0	0.0 26.85 0.0 0.0	0.0 0.0 0.0	0.01	
18	43.99 0.0 0.0	0.09 33.17 0.0 0.0	-10.81 0.0 0.0	10.82	
19	61.13 0.0 0.0	0.3 47.66 0.0 0.0	-13.46 0.0 0.0	13.47	
20	78.27 0.0 0.0	0.61 68.65 0.0 0.0	-9.61 0.0 0.0	9.62	
21	95.41 0.0 0.0	1.0 95.41 0.0 0.0	0.0 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)  
 $\Delta E^*_{CIELAB} = 8.5$

Mean lightness difference (5 steps)  
 $\Delta L^*_{CIELAB} = 6.8$

Mean colour reproduction index:  $R^*_{ab,m} = 63$



fei70-3n-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

fei71-3n-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

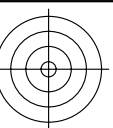
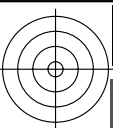
$L^*/Y^*_{intended}$ (absolute)	26.8/5.0	31.4/6.8	35.9/9.0	40.5/11.5	45.1/14.6	49.7/18.1	54.2/22.2	58.8/26.8	63.4/32.0	67.9/37.9	72.5/44.4	77.1/51.7	81.6/59.7	86.2/68.5	90.8/78.1	95.4/88.5
$w^* w^* w^*$ setrgb																
$g_N=1.42$																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	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	0.021	0.056	0.1	0.151	0.207	0.27	0.336	0.407	0.482	0.56	0.641	0.727	0.815	0.905	1.0

OE740-7n, Picture A7-134-2: 16 visual equidistant  $L^*$ -grey steps; PS operator:  $w^* w^* w^*$  setrgbcolor

TUB-test chart fei7; In-output relation according to ISO 9241-306; 1MR, DEH  
Viewing Y contrast  $Y_W:Y_N=88,9:5$ ;  $Y_N$  range 3,75 to <7,5

000n/w/cmy0/rgb  
->rgb\*\_de, 130-2:

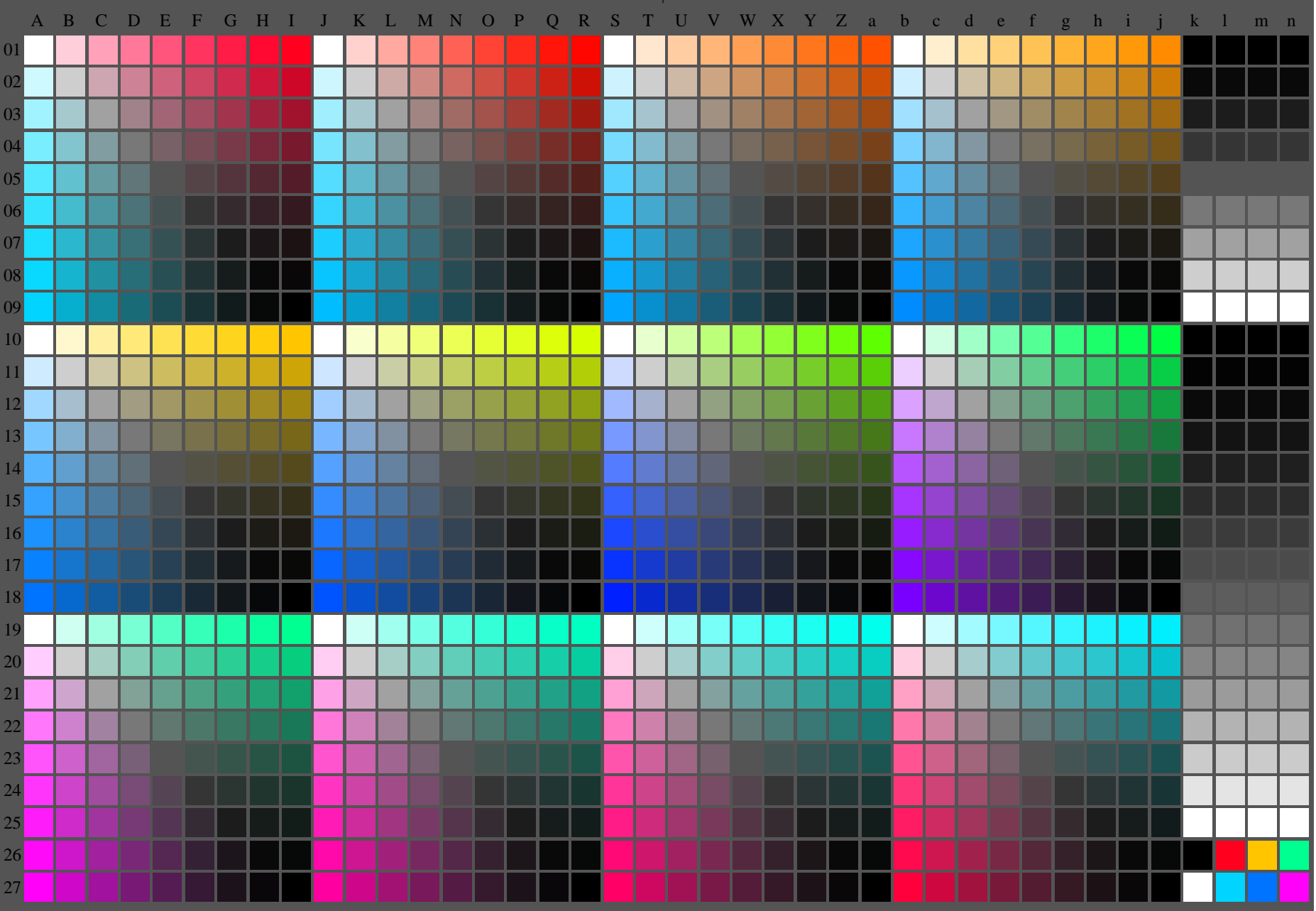
<http://farbe.li.tu-berlin.de/fei7/fei710fa.txt> /.ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fei7/fei7.htm>



see similar files of the whole series: <http://farbe.li.tu-berlin.de/feis.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-fei7/fei710fa.txt /.ps  
application for evaluation and measurement of display or print output

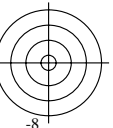
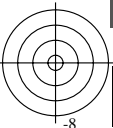
TUB material: code=rh4ta



fei70-7n-135-0: Test chart 2o with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^* (A_n, colorml = 1)$

TUB-test chart fei7; Test chart 2e\_e0 with 40x27=1080 colours; 1MR, DEH  
Digital equidistant 9 or 16 step colour scales

000n/w/cmy0/rgb  
->rgb\*\_de, 130-0:







see similar files of the whole serie: <http://farbe.li.tu-berlin.de/feis.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-fei7/fei710fa.txt /.ps  
application for evaluation and measurement of display or print output  
TUB material: code=rh4ta

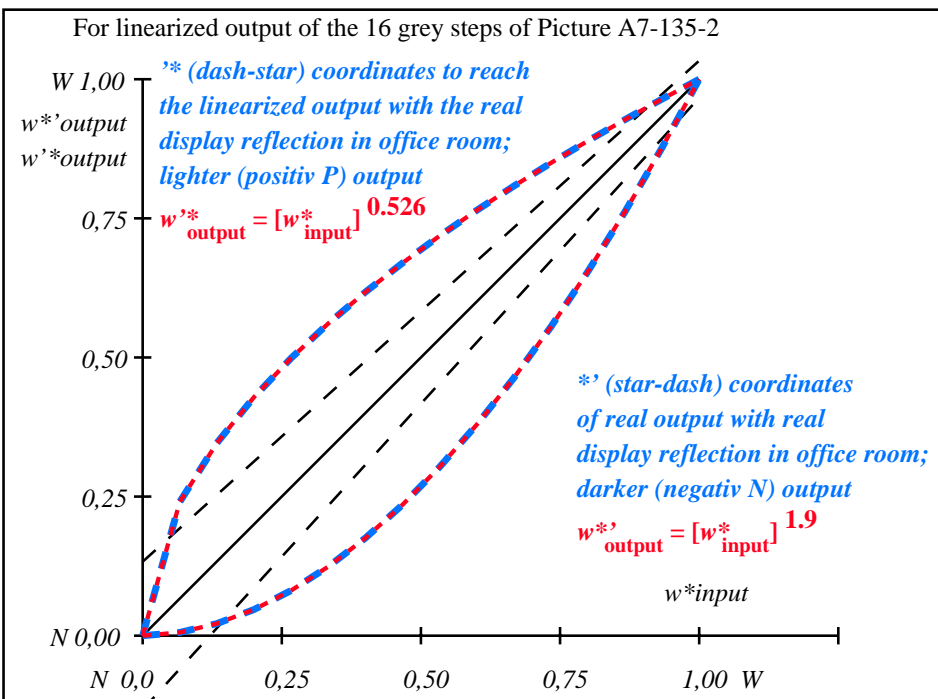
i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE*
1	37.99	0.0	37.99	0.0	0.01
2	41.81	0.0	38.32	-3.48	3.49
3	45.64	0.0	39.23	-6.4	6.41
4	49.47	0.0	40.68	-8.78	8.79
5	53.3	0.0	42.65	-10.64	10.65
6	57.13	0.0	45.11	-12.01	12.02
7	60.96	0.0	48.06	-12.89	12.9
8	64.78	0.0	51.48	-13.29	13.3
9	68.61	0.0	55.38	-13.22	13.23
10	72.44	0.0	59.74	-12.69	12.7
11	76.27	0.0	64.56	-11.69	11.7
12	80.1	0.0	69.84	-10.25	10.26
13	83.93	0.0	75.57	-8.35	8.36
14	87.75	0.0	81.74	-6.0	6.01
15	91.58	0.0	88.35	-3.22	3.23
16	95.41	0.0	95.41	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)  
 $\Delta E^*_{CIELAB} = 8.3$

Mean lightness difference (5 steps)  
 $\Delta L^*_{CIELAB} = 6.7$

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



fei70-3n-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

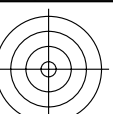
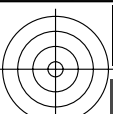
fei71-3n-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{intended}$ (absolute)	37.9/10.0	41.8/12.3	45.6/15.0	49.4/17.9	53.2/21.3	57.1/25.0	60.9/29.1	64.7/33.7	68.6/38.8	72.4/44.3	76.2/50.3	80.0/56.8	83.9/63.9	87.7/71.5	91.5/79.7	95.4/88.5
$w^* w^* w^*$ setrgb																
$g_N=1.6$																
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	0,013	0,039	0,076	0,12	0,172	0,23	0,295	0,365	0,441	0,523	0,608	0,699	0,795	0,894	1,0

OE740-7n, Picture A7-135-2: 16 visual equidistant  $L^*$ -grey steps; PS operator:  $w^* w^* w^*$  setrgbcolor

TUB-test chart fei7; In-output relation according to ISO 9241-306; 1MR, DEH  
Viewing Y contrast  $Y_W:Y_N=88,9:10$ ;  $Y_N$  range 7,5 to <15  
000n/w/cmy0/rgb  $\rightarrow$ rgb\*<sub>de</sub>, 130-2:

<http://farbe.li.tu-berlin.de/fei7/fei710fa.txt> /.ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fei7/fei7.htm>



C

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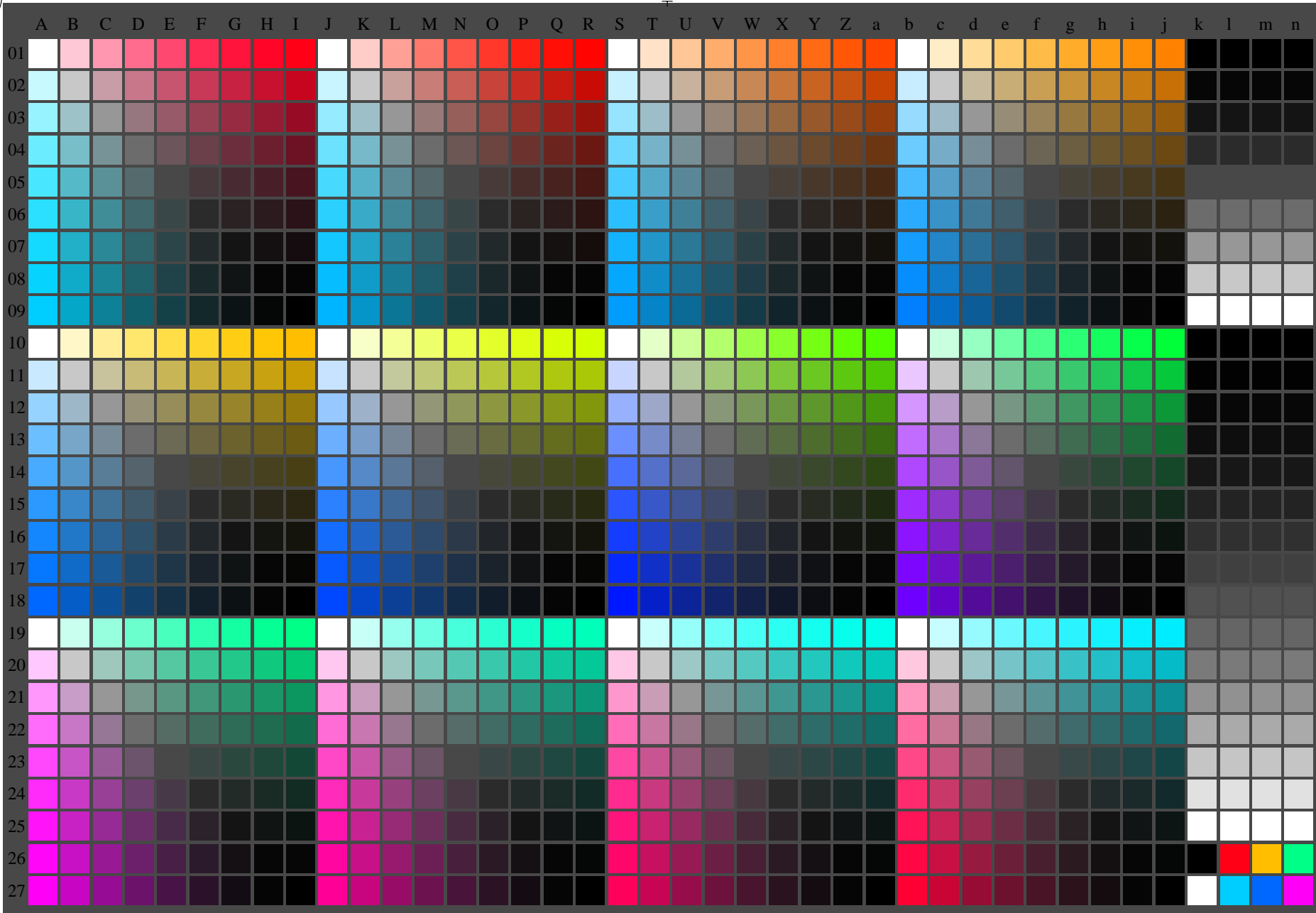
L

V

see similar files of the whole series: <http://farbe.li.tu-berlin.de/feis.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-fei7/fei710fa.txt /.ps  
application for evaluation and measurement of display or print output

TUB material: code=rh4ta



fei70-7n-136-0: Test chart 2o with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^*(A_n, colorml = 1)$

TUB-test chart fei7; Test chart 2e\_e0 with 40x27=1080 colours; 1MR, DEH  
Digital equidistant 9 or 16 step colour scales

000n/w/cmy0/rgb  
->rgb\*\_de, 130-0:



see similar files of the whole serie: <http://farbe.li.tu-berlin.de/feis.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-fei7/fei710fa.txt /.ps  
application for evaluation and measurement of display or print output  
TUB material: code=rh4ta

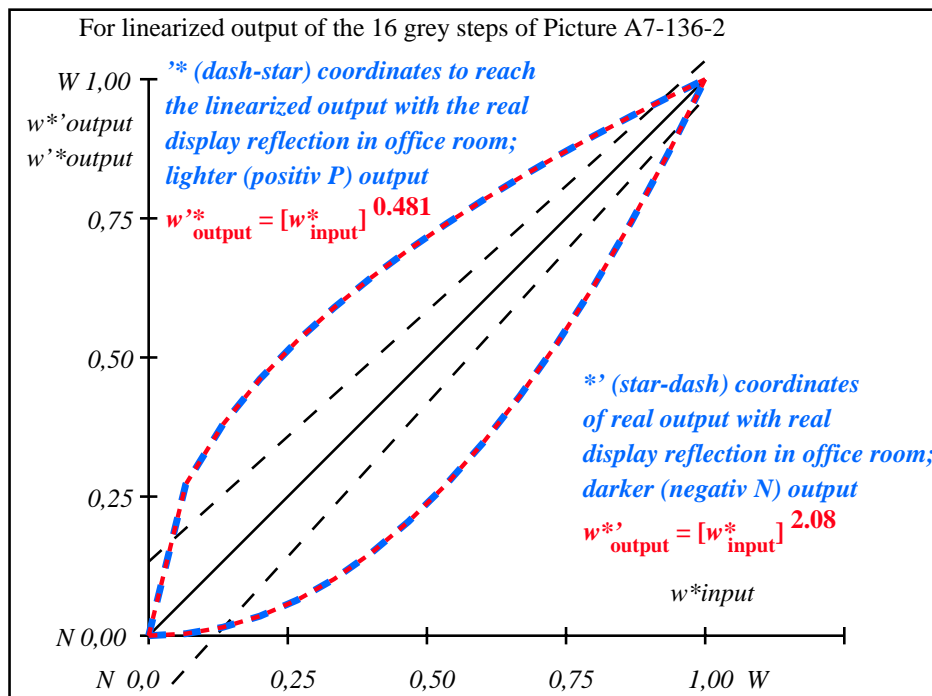
i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE*
1	52.02	0.0	0.0	52.02	0.0
2	54.91	0.0	0.0	52.17	0.0
3	57.8	0.0	0.02	52.67	0.0
4	60.7	0.0	0.04	53.54	0.0
5	63.59	0.0	0.06	54.79	0.0
6	66.48	0.0	0.1	56.43	0.0
7	69.37	0.0	0.15	58.47	0.0
8	72.27	0.0	0.2	60.91	0.0
9	75.16	0.0	0.27	63.75	0.0
10	78.05	0.0	0.35	67.01	0.0
11	80.95	0.0	0.43	70.69	0.0
12	83.84	0.0	0.52	74.78	0.0
13	86.73	0.0	0.63	79.3	0.0
14	89.62	0.0	0.74	84.24	0.0
15	92.52	0.0	0.87	89.61	0.0
16	95.41	0.0	1.0	95.41	0.0

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

Mean lightness difference (16 steps)  
 $\Delta E^*_{CIELAB} = 7.1$

Mean lightness difference (5 steps)  
 $\Delta L^*_{CIELAB} = 5.7$

Mean colour reproduction index:  $R^*_{ab,m} = 69$



fei70-3n-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

fei71-3n-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

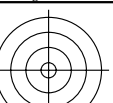
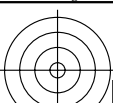
$L^*/Y^*_{intended}$ (absolute)	52.0/20.1	54.9/22.8	57.8/25.7	60.6/28.9	63.5/32.2	66.4/35.9	69.3/39.8	72.2/44.0	75.1/48.5	78.0/53.3	80.9/58.3	83.8/63.7	86.7/69.4	89.6/75.4	92.5/81.8	95.4/88.5
$w^* w^* w^*$ setrgb	[Color swatches]															
$g_N=1.81$	[Color swatches]															
No. and Hex code	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)	[Color swatches]															
$w^*_{intended}$	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	0,007	0,025	0,053	0,09	0,135	0,189	0,25	0,318	0,395	0,478	0,568	0,666	0,771	0,881	1,0

OE740-7n, Picture A7-136-2: 16 visual equidistant  $L^*$ -grey steps; PS operator:  $w^* w^* w^*$  setrgbcolor

TUB-test chart fei7; In-output relation according to ISO 9241-306; 1MR, DEH  
Viewing Y contrast  $Y_W:Y_N=88,9:20$ ;  $Y_N$  range 15 to <30

000n/w/cmy0/rgb  
->rgb\*\_de, 130-2:

<http://farbe.li.tu-berlin.de/fei7/fei710fa.txt> /.ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fei7/fei7.htm>



C

M

Y

O

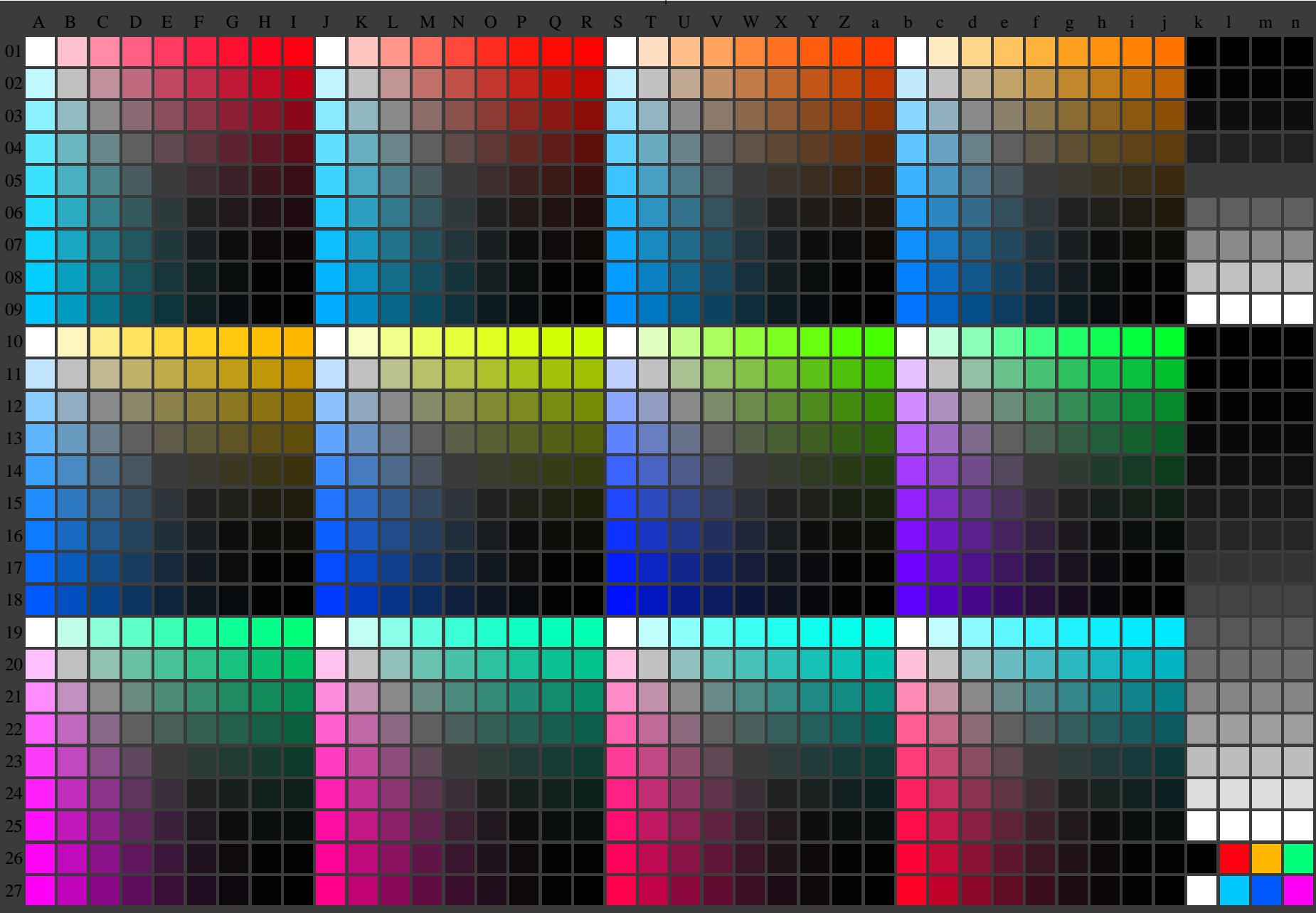
L

V

see similar files of the whole series: <http://farbe.li.tu-berlin.de/feis.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-fei7/fei710fa.txt /.ps  
application for evaluation and measurement of display or print output

TUB material: code=rh4ta



fei70-7n-137-0: Test chart 2o with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^* (A_n, colorml = 1)$



TUB-test chart fei7; Test chart 2e\_e0 with 40x27=1080 colours; 1MR, DEH  
Digital equidistant 9 or 16 step colour scales

000n/w/cmy0/rgb  
->rgb\*\_de, 130-0:





<http://farbe.li.tu-berlin.de/fei7/fei710fa.txt> /.ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fei7/fei7.htm>

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/feis.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-fei7/fei710fa.txt /.ps  
application for evaluation and measurement of display or print output  
TUB material: code=rh4ta

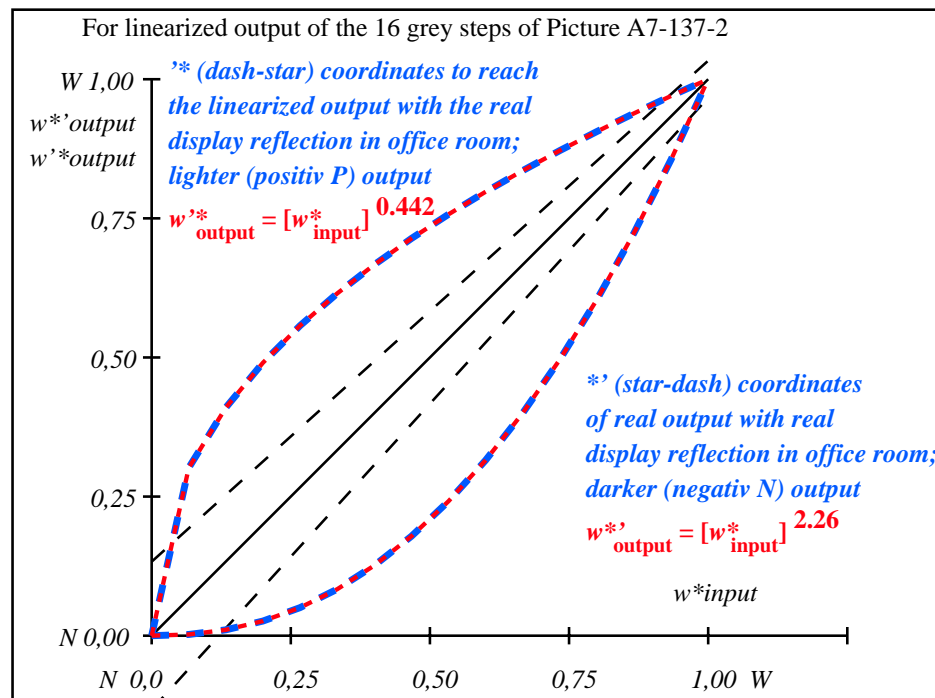
i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	$\Delta E^*$
1	69.7	0.0	69.7	0.0	0.01
2	71.41	0.0	69.75	-1.65	1.66
3	73.13	0.0	69.97	-3.15	3.16
4	74.84	0.0	70.37	-4.46	4.47
5	76.55	0.0	70.99	-5.55	5.56
6	78.27	0.0	71.84	-6.41	6.42
7	79.98	0.0	72.94	-7.03	7.04
8	81.7	0.0	74.29	-7.4	7.41
9	83.41	0.0	75.91	-7.49	7.5
10	85.12	0.0	77.8	-7.31	7.32
11	86.84	0.0	79.98	-6.85	6.86
12	88.55	0.0	82.45	-6.09	6.1
13	90.27	0.0	85.23	-5.03	5.04
14	91.98	0.0	88.3	-3.67	3.68
15	93.7	0.0	91.7	-1.99	2.0
16	95.41	0.0	95.41	0.0	0.01
17	69.7	0.0	69.7	0.0	0.01
18	76.13	0.0	70.82	-5.3	5.31
19	82.55	0.0	75.07	-7.48	7.49
20	88.98	0.0	83.12	-5.85	5.86
21	95.41	0.0	95.41	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)  
 $\Delta E^*_{CIELAB} = 4.6$

Mean lightness difference (5 steps)  
 $\Delta L^*_{CIELAB} = 3.7$

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



fei70-3n-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

fei71-3n-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{intended}$ (absolute)	69.6/40.3	71.4/42.7	73.1/45.3	74.8/48.0	76.5/50.7	78.2/53.6	79.9/56.6	81.6/59.7	83.4/62.9	85.1/66.2	86.8/69.6	88.5/73.2	90.2/76.8	91.9/80.6	93.6/84.5	95.4/88.5
$w^* w^* w^*$ setrgb	[Color patches]															
$g_N=2.1$ 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)	[Color patches]															
$w^*_{intended}$	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	0,003	0,014	0,033	0,062	0,098	0,145	0,201	0,265	0,341	0,426	0,52	0,625	0,74	0,864	1,0

OE740-7n, Picture A7-137-2: 16 visual equidistant  $L^*$ -grey steps; PS operator:  $w^* w^* w^*$  setrgbcolor

TUB-test chart fei7; In-output relation according to ISO 9241-306; 1MR, DEH  
Viewing Y contrast  $Y_W:Y_N=88,9:40$ ;  $Y_N$  range 30 to <60

000n/w/cmy0/rgb  
->rgb\*\_de, 130-2: