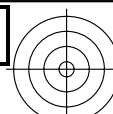
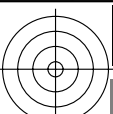


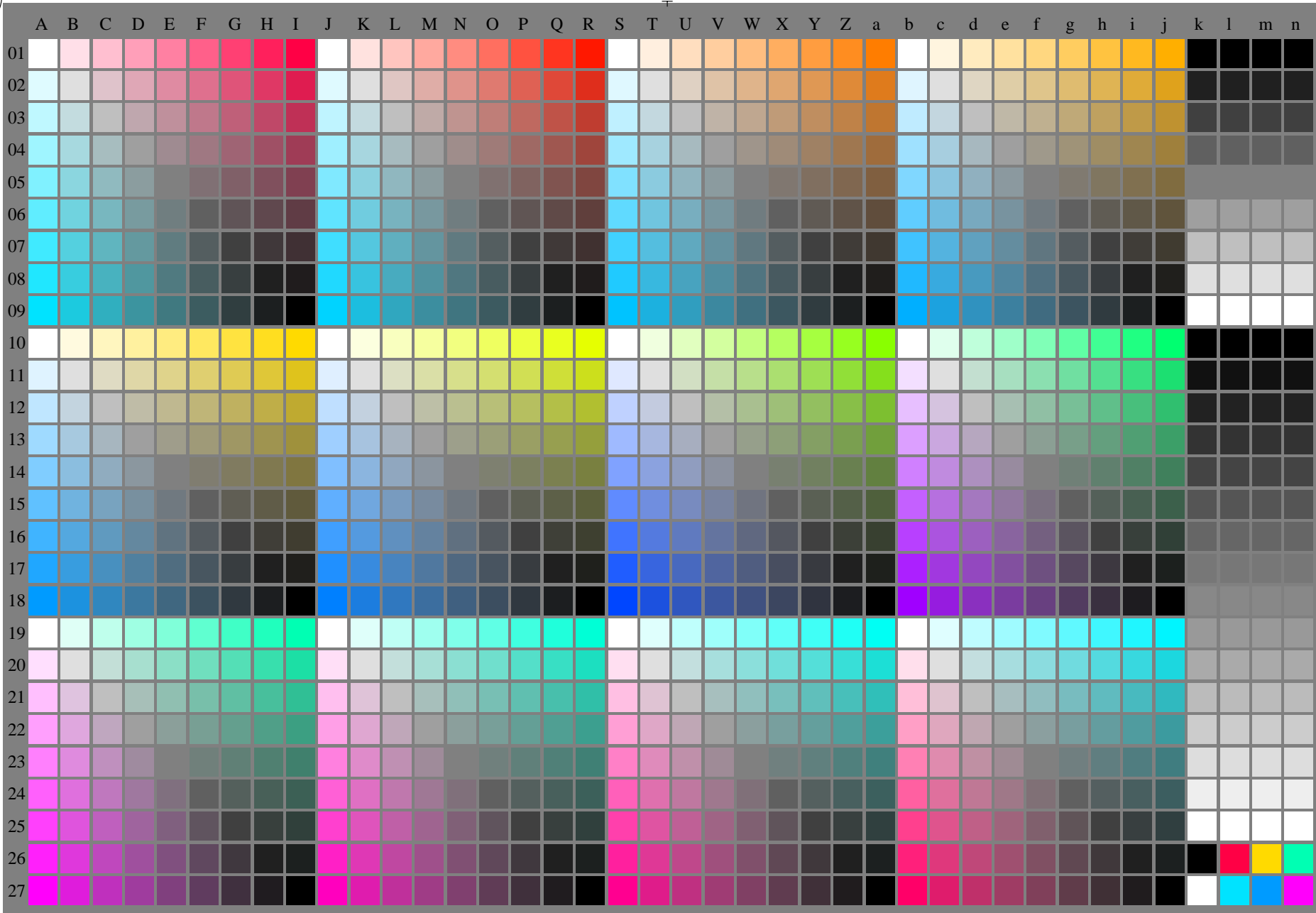
<http://farbe.li.tu-berlin.de/fei7/fei710fa.txt> /.ps; only vector graphic VG; start output  
see separate images of this page: <http://farbe.li.tu-berlin.de/fei7/fei7.htm>



see similar files of the whole 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-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

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

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

Table with 28 columns (A-Z) and 28 rows (01-27). Each cell contains a 2x2 grid of numerical values representing color data for different test charts.

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), nnn0\*(m), www\*(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:

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

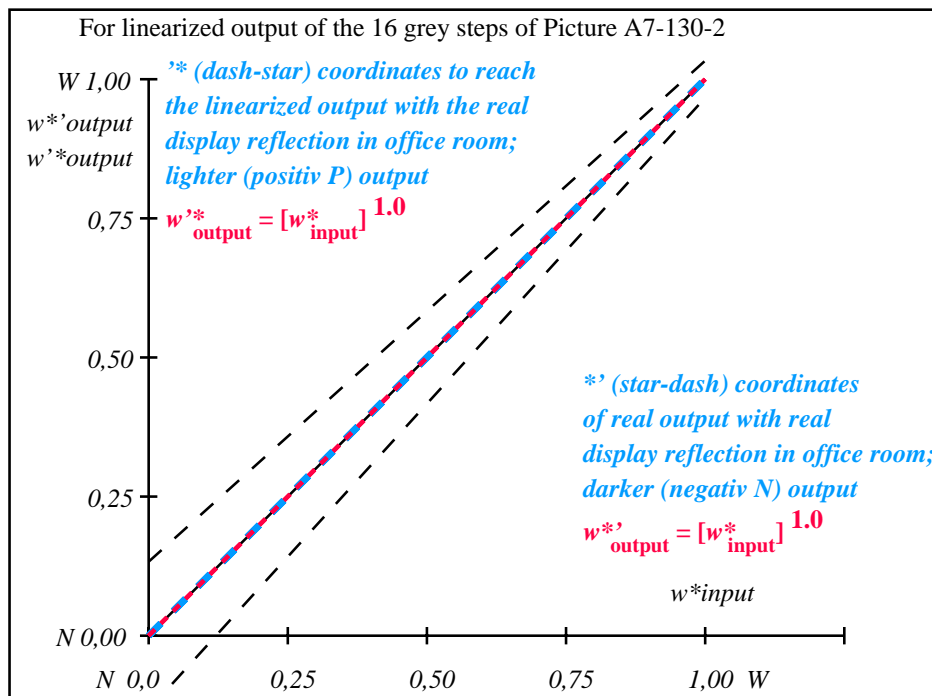
**Start output S1**  
**Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G**

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

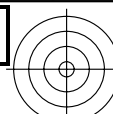
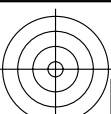
$L^*/Y^*_{intended}$ (absolute)	0.0/0.0	6.3/0.7	12.7/1.5	19.0/2.7	25.4/4.5	31.8/6.9	38.1/10.1	44.5/14.2	50.8/19.1	57.2/25.1	63.6/32.3	69.9/40.7	76.3/50.4	82.6/61.5	89.0/74.2	95.4/88.5
$w^* w^* w^*$ setrgb gp=1.0																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4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

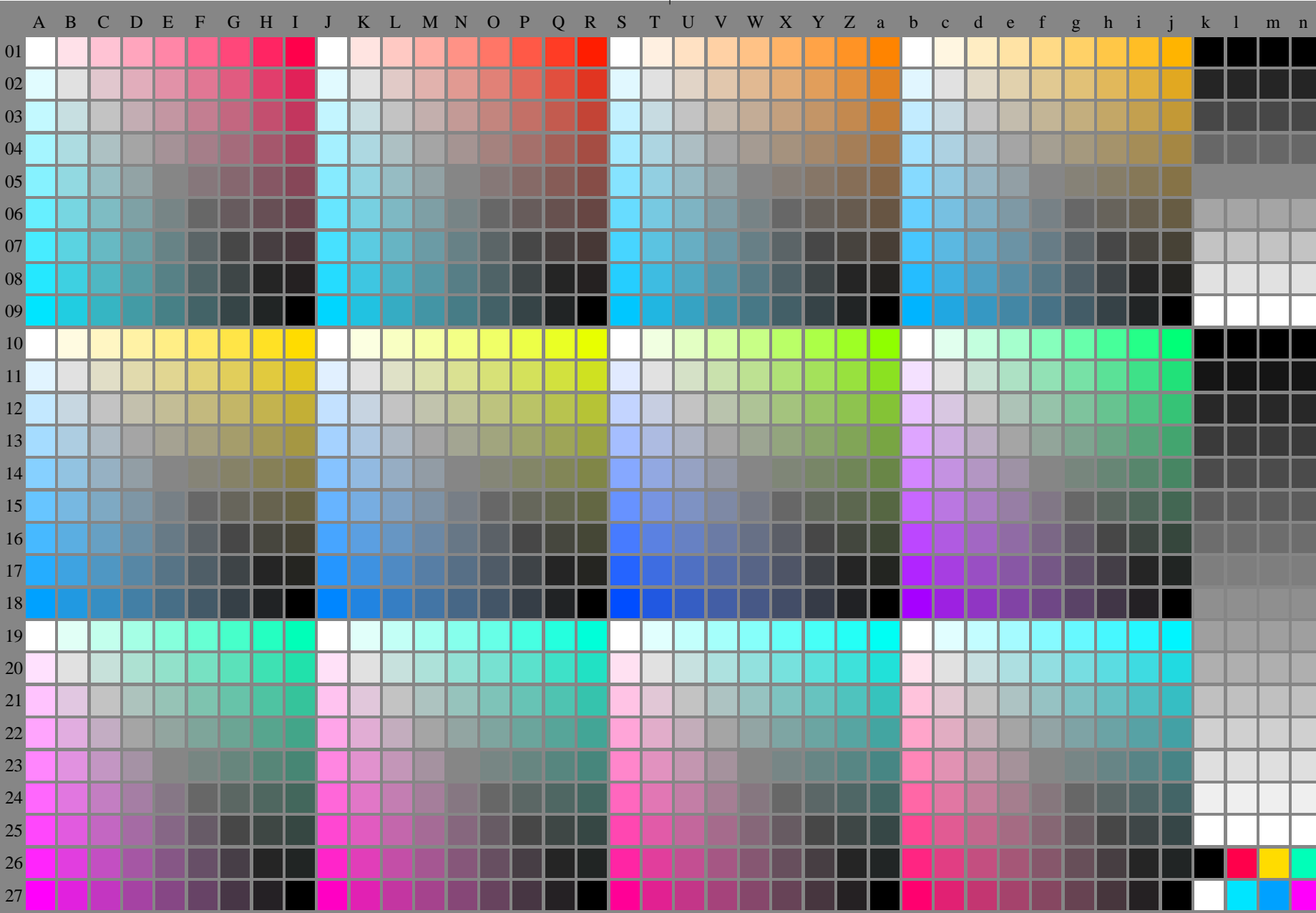
<http://farbe.li.tu-berlin.de/fei7/fei710fa.txt> /.ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fei7/fei7.htm>



see similar files of the whole 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

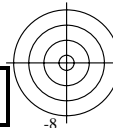
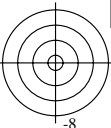
TUB material: code=rh4ta



fei70-7n-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  
-> $rgb^*_{de}$ , 131-0:





<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.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

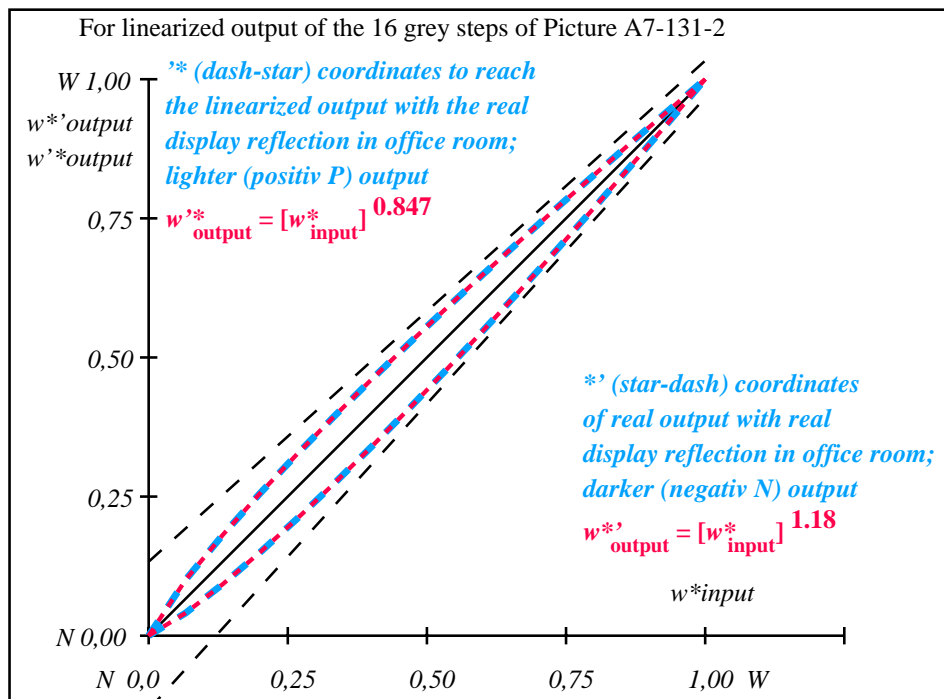
i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE*
1	5.69	0.0	0.0	5.69	0.0
2	11.67	0.0	0.1	14.73	0.0
3	17.65	0.0	0.18	21.96	0.0
4	23.63	0.0	0.26	28.63	0.0
5	29.62	0.0	0.33	34.96	0.0
6	35.6	0.0	0.39	41.05	0.0
7	41.58	0.0	0.46	46.96	0.0
8	47.56	0.0	0.52	52.72	0.0
9	53.54	0.0	0.59	58.36	0.0
10	59.52	0.0	0.65	63.88	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
18	28.12	0.0	0.31	33.4	0.0
19	50.55	0.0	0.56	55.55	0.0
20	72.98	0.0	0.78	76.0	0.0
21	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)  
 $\Delta E^*_{CIELAB} = 3.4$

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

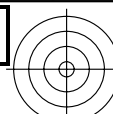
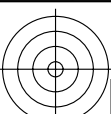
$L^*/Y^*_{intended}$ (absolute)	5.6/0.6	11.6/1.3	17.6/2.4	23.6/3.9	29.6/6.0	35.5/8.8	41.5/12.2	47.5/16.4	53.5/21.5	59.5/27.5	65.5/34.6	71.4/42.8	77.4/52.3	83.4/63.0	89.4/75.0	95.4/88.5
$w^* w^* w^*$ setrgb																
gp=0.92																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	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	0,154	0,225	0,294	0,361	0,428	0,494	0,558	0,623	0,687	0,75	0,813	0,876	0,937	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, 131-2:

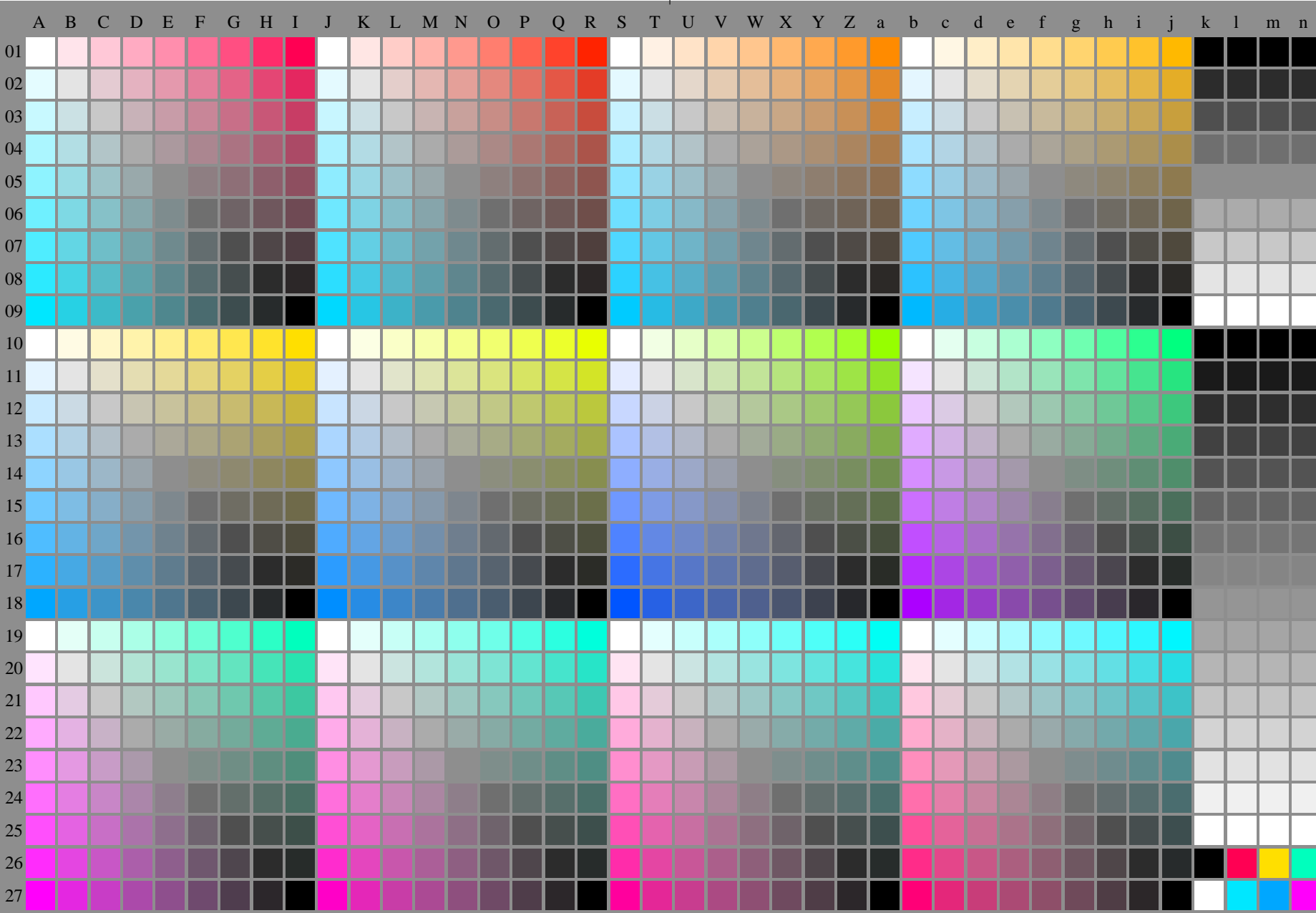
<http://farbe.li.tu-berlin.de/fei7/fei710fa.txt> /.ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fei7/fei7.htm>



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

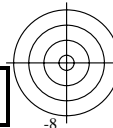
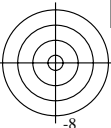
TUB material: code=rh4ta

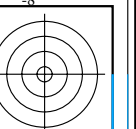
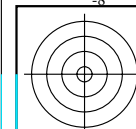


fei70-7n-132-0: Test chart 2o with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^*(A_n, colorml = 1)$

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  
→ $rgb^*_{de}$ , 132-0:





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>

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

	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	p																																											
01	0001 b01	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 c01	0990 d01	0999 e01	1008 f01	1017 g01	1026 h01	1035 i01	1044 j01																																								
02	0002 b02	0011 c02	0020 d02	0029 e02	0038 f02	0047 g02	0056 h02	0065 i02	0074 j02	0245 b02	0254 c02	0263 d02	0272 e02	0281 f02	0290 g02	0299 h02	0308 i02	0317 j02	0488 b02	0497 c02	0506 d02	0515 e02	0524 f02	0533 g02	0542 h02	0551 i02	0560 j02	0731 b02	0740 c02	0749 d02	0758 e02	0767 f02	0776 g02	0785 h02	0794 i02	0803 j02	0973 b02	0982 c02	0991 d02	0999 e02	1008 f02	1017 g02	1026 h02	1035 i02	1044 j02																																								
03	0003 b03	0012 c03	0021 d03	0030 e03	0039 f03	0048 g03	0057 h03	0066 i03	0075 j03	0246 b03	0255 c03	0264 d03	0273 e03	0282 f03	0291 g03	0300 h03	0309 i03	0318 j03	0489 b03	0498 c03	0507 d03	0516 e03	0525 f03	0534 g03	0543 h03	0552 i03	0561 j03	0732 b03	0741 c03	0750 d03	0759 e03	0768 f03	0777 g03	0786 h03	0795 i03	0804 j03	0974 b03	0983 c03	0992 d03	0999 e03	1008 f03	1017 g03	1026 h03	1035 i03	1044 j03																																								

fei70-7n-132-1: Test chart 2o with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^* (A_j + k26.n27), 000n^* (k), w^* (l), mnm0^* (m), wvw^* (n), colorm = 1$

TUB-test chart fei7; Test chart 2e\_o with 40x27=1080 colours; 1MR, DEH 000n/w/cmy0/rgb  
 Digital equidistant 9 or 16 step colour scales  $\rightarrow rgb^*_de, 132-1:$



<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.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

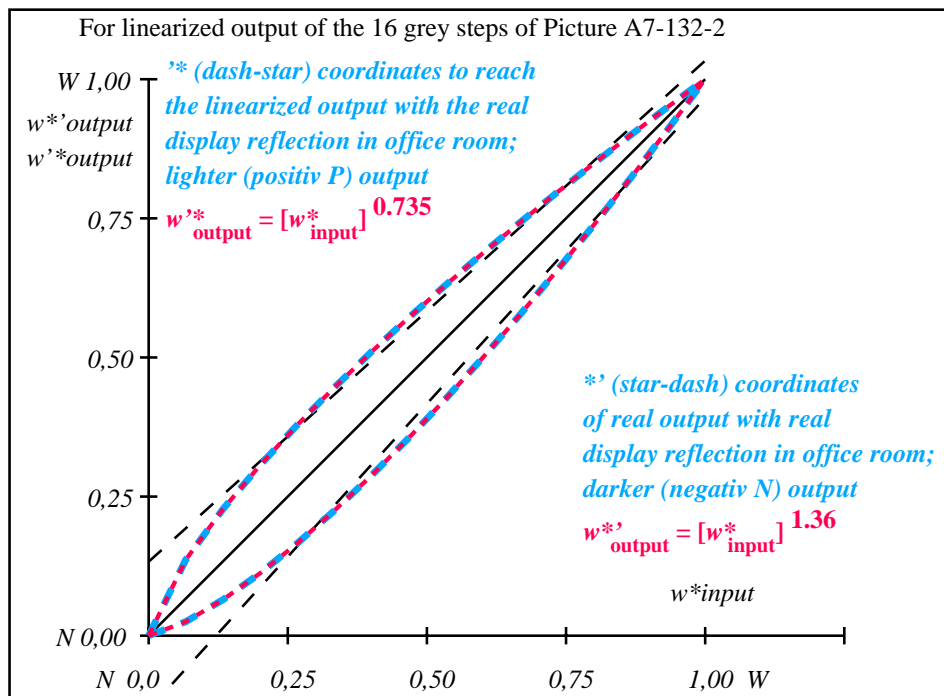
i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE*	Start output S1
1	10.99	0.0	0.0	10.99	0.0	0.0
2	16.62	0.0	0.14	22.52	0.0	0.0
3	22.25	0.0	0.23	30.18	0.0	0.0
4	27.88	0.0	0.31	36.84	0.0	0.0
5	33.5	0.0	0.38	42.93	0.0	0.0
6	39.13	0.0	0.45	48.63	0.0	0.0
7	44.76	0.0	0.51	54.03	0.0	0.0
8	50.39	0.0	0.57	59.19	0.0	0.0
9	56.02	0.0	0.63	64.17	0.0	0.0
10	61.64	0.0	0.69	68.98	0.0	0.0
11	67.27	0.0	0.74	73.65	0.0	0.0
12	72.9	0.0	0.8	78.2	0.0	0.0
13	78.53	0.0	0.85	82.64	0.0	0.0
14	84.15	0.0	0.9	86.98	0.0	0.0
15	89.78	0.0	0.95	91.23	0.0	0.0
16	95.41	0.0	1.0	95.41	0.0	0.0
17	10.99	0.0	0.0	10.99	0.0	0.0
18	32.1	0.0	0.36	41.45	0.0	0.0
19	53.2	0.0	0.6	61.7	0.0	0.0
20	74.31	0.0	0.81	79.32	0.0	0.0
21	95.41	0.0	1.0	95.41	0.0	0.0

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:  $R^*_{ab,m} = 74$



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

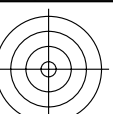
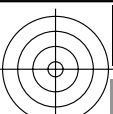
fei71-3n-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{intended}$ (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	[Color swatches]															
gp=0.85	[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	0,1	0,18	0,254	0,325	0,392	0,458	0,523	0,585	0,647	0,708	0,767	0,827	0,885	0,942	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 000n/w/cmy0/rgb  
Viewing Y contrast  $Y_W:Y_N=88,9:1,25$ ;  $Y_N$  range 0,93 to <1,87  $\rightarrow$ rgb\*<sub>de</sub>, 132-2:

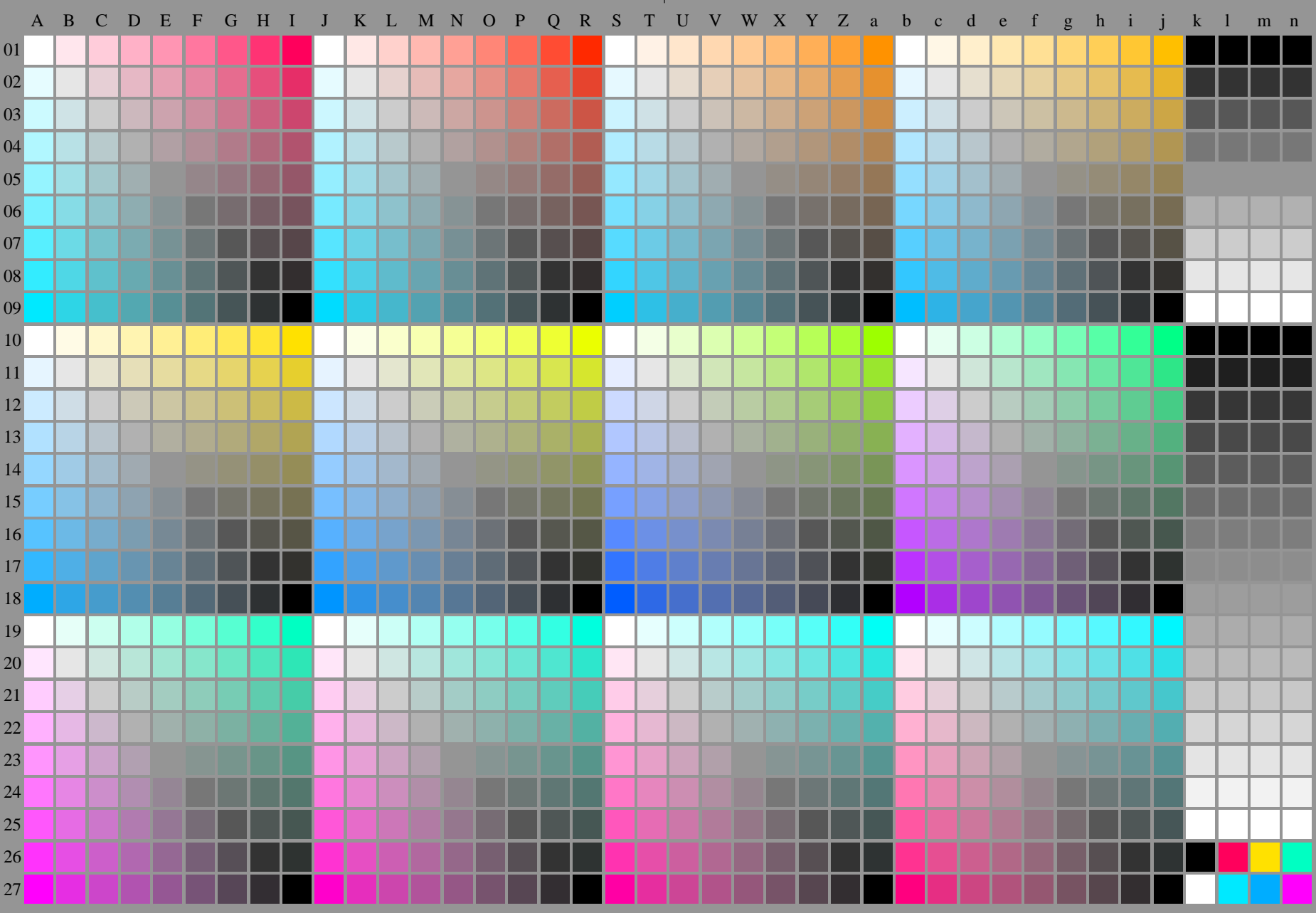
<http://farbe.li.tu-berlin.de/fei7/fei710fa.txt> /.ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fei7/fei7.htm>



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

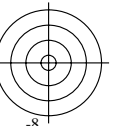
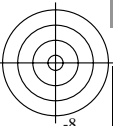
TUB material: code=rh4ta



fei70-7n-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  
→ $rgb^*_{de}$ , 133-0:





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

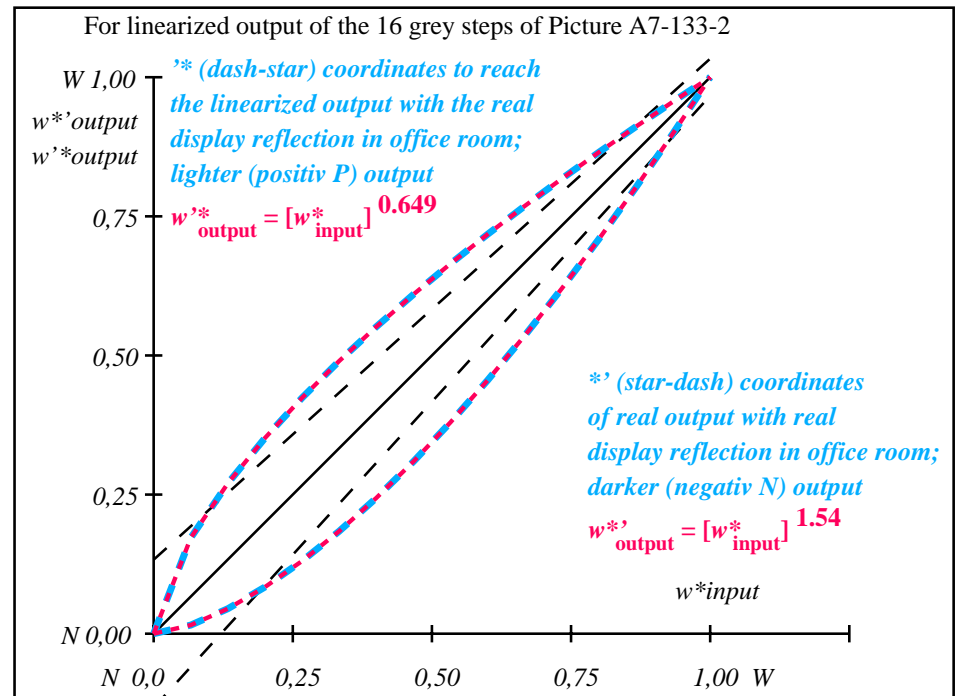
i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	$\Delta E^*$
1	18.01	0.0	0.0	18.01	0.0
2	23.17	0.0	0.17	31.35	0.0
3	28.33	0.0	0.27	38.93	0.0
4	33.49	0.0	0.35	45.23	0.0
5	38.65	0.0	0.42	50.82	0.0
6	43.81	0.0	0.49	55.93	0.0
7	48.97	0.0	0.55	60.7	0.0
8	54.13	0.0	0.61	65.2	0.0
9	59.29	0.0	0.66	69.47	0.0
10	64.45	0.0	0.72	73.56	0.0
11	69.61	0.0	0.77	77.49	0.0
12	74.77	0.0	0.82	81.29	0.0
13	79.93	0.0	0.87	84.97	0.0
14	85.09	0.0	0.91	88.54	0.0
15	90.25	0.0	0.96	92.02	0.0
16	95.41	0.0	1.0	95.41	0.0
17	18.01	0.0	0.0	18.01	0.0
18	37.36	0.0	0.41	49.47	0.0
19	56.71	0.0	0.64	67.36	0.0
20	76.06	0.0	0.83	82.22	0.0
21	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)  
 $\Delta E^*_{CIELAB} = 7.6$

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

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



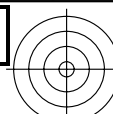
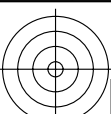
fei70-3n-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

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
$w^*_{setrgb}$	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
$w^*_{intended}$	0,0	0,123	0,209	0,287	0,359	0,426	0,491	0,554	0,614	0,673	0,73	0,786	0,841	0,895	0,947	1,0
$w^*_{out}$	0,0	0,123	0,209	0,287	0,359	0,426	0,491	0,554	0,614	0,673	0,73	0,786	0,841	0,895	0,947	1,0

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

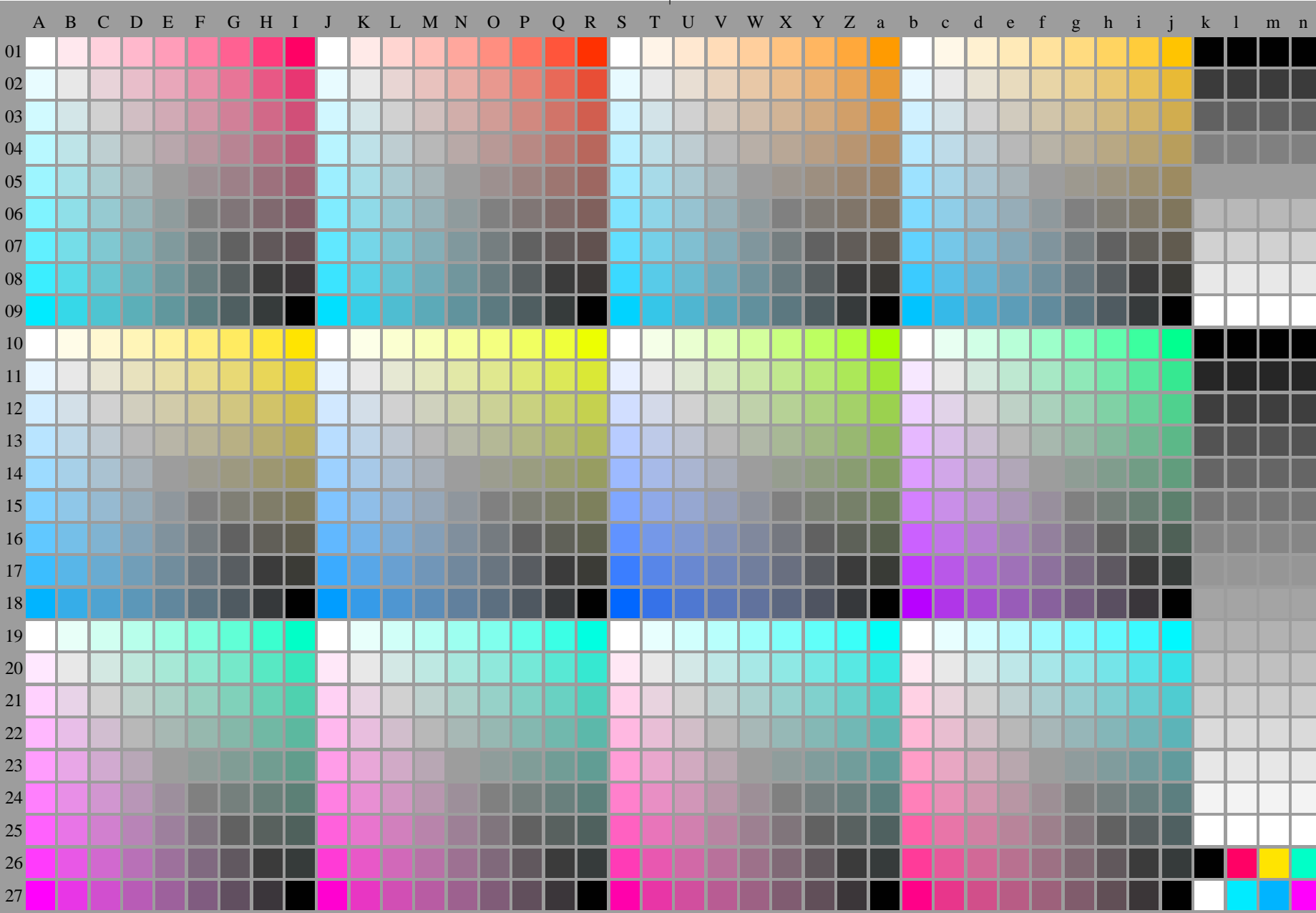
<http://farbe.li.tu-berlin.de/fei7/fei710fa.txt> /.ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fei7/fei7.htm>



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



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, 134-0:

Technical information: http://farbe.li.tu-berlin.de/V/standards-iso.org/iso/9241/306/6e-2/index.html. TUB registration: 20240301-fei7/fei710fa.txt/.ps application for evaluation and measurement of display or print output. TUB material: code=thata. 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), colorimetric = 1. TUB-test chart fei7; Test chart 2e with 40x27=1080 colours; 1MR, DEH 000n w/cmyu/rgb -> rgb\*\_de, 134-1: Digital equidistant 9 or 16 step colour scales. C Y M

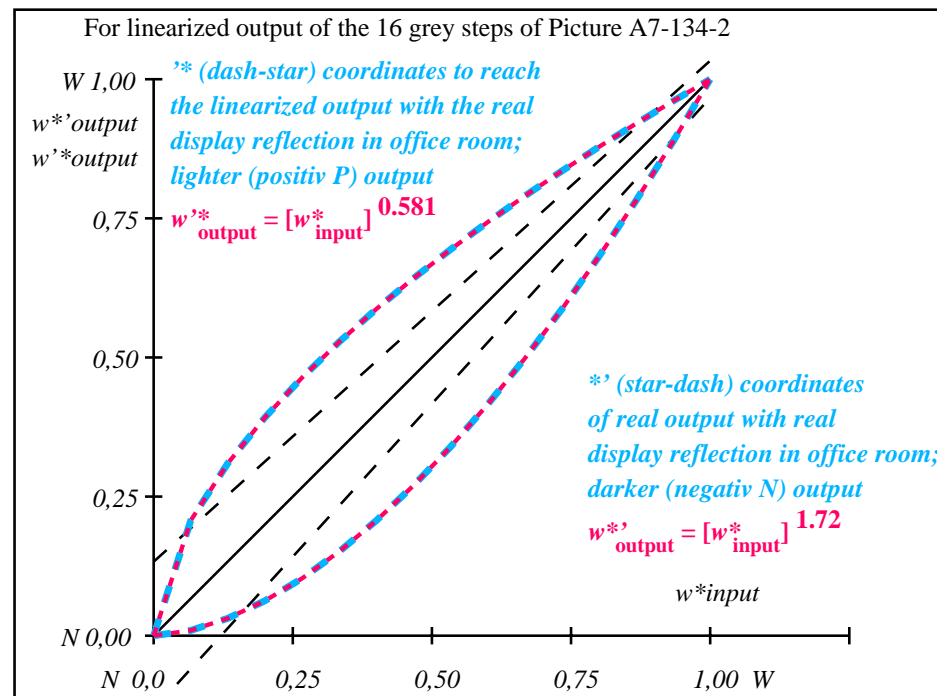
see similar files of the whole serie: <http://farbe.li.tu-berlin.de/feis.htm>  
 technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>  
 or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

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	26.85 0.0 0.0	0.0 0.0	26.85 0.0 0.0	0.0 0.0 0.0	0.01	<b>Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G</b>
2	31.42 0.0 0.0	0.21 0.0	41.05 0.0 0.0	9.63 0.0 0.0	9.63	
3	35.99 0.0 0.0	0.31 0.0	48.1 0.0 0.0	12.11 0.0 0.0	12.11	
4	40.56 0.0 0.0	0.39 0.0	53.75 0.0 0.0	13.18 0.0 0.0	13.18	
5	45.13 0.0 0.0	0.46 0.0	58.64 0.0 0.0	13.51 0.0 0.0	13.51	
6	49.7 0.0 0.0	0.53 0.0	63.05 0.0 0.0	13.34 0.0 0.0	13.34	
7	54.27 0.0 0.0	0.59 0.0	67.09 0.0 0.0	12.82 0.0 0.0	12.82	
8	58.84 0.0 0.0	0.64 0.0	70.87 0.0 0.0	12.02 0.0 0.0	12.02	
9	63.41 0.0 0.0	0.69 0.0	74.42 0.0 0.0	11.01 0.0 0.0	11.01	
10	67.99 0.0 0.0	0.74 0.0	77.79 0.0 0.0	9.81 0.0 0.0	9.81	
11	72.56 0.0 0.0	0.79 0.0	81.01 0.0 0.0	8.46 0.0 0.0	8.46	
12	77.13 0.0 0.0	0.84 0.0	84.1 0.0 0.0	6.97 0.0 0.0	6.97	
13	81.7 0.0 0.0	0.88 0.0	87.07 0.0 0.0	5.37 0.0 0.0	5.37	
14	86.27 0.0 0.0	0.92 0.0	89.94 0.0 0.0	3.67 0.0 0.0	3.67	
15	90.84 0.0 0.0	0.96 0.0	92.71 0.0 0.0	1.88 0.0 0.0	1.88	Mean lightness difference (16 steps)
16	95.41 0.0 0.0	1.0 0.0	95.41 0.0 0.0	0.0 0.0 0.0	0.01	$\Delta E^*_{CIELAB} = 8.4$
17	26.85 0.0 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	0.45 0.0	57.47 0.0 0.0	13.48 0.0 0.0	13.48	
19	61.13 0.0 0.0	0.67 0.0	72.67 0.0 0.0	11.54 0.0 0.0	11.54	
20	78.27 0.0 0.0	0.85 0.0	84.85 0.0 0.0	6.58 0.0 0.0	6.58	Mean lightness difference (5 steps)
21	95.41 0.0 0.0	1.0 0.0	95.41 0.0 0.0	0.0 0.0 0.0	0.01	$\Delta L^*_{CIELAB} = 6.3$

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

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

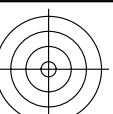
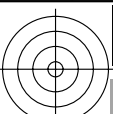
$L^*/Y^*_{intended}$ (absolute)	26.8/5.0	31.4/6.8	35.9/9.0	40.5/11.5	45.1/14.6	49.7/18.1	54.2/22.2	58.8/26.8	63.4/32.0	67.9/37.9	72.5/44.4	77.1/51.7	81.6/59.7	86.2/68.5	90.8/78.1	95.4/88.5
$w^* w^* w^*$ setrgb																
gp=0.7																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	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	0.15	0.243	0.324	0.396	0.463	0.526	0.586	0.643	0.699	0.753	0.804	0.855	0.904	0.952	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, 134-2:

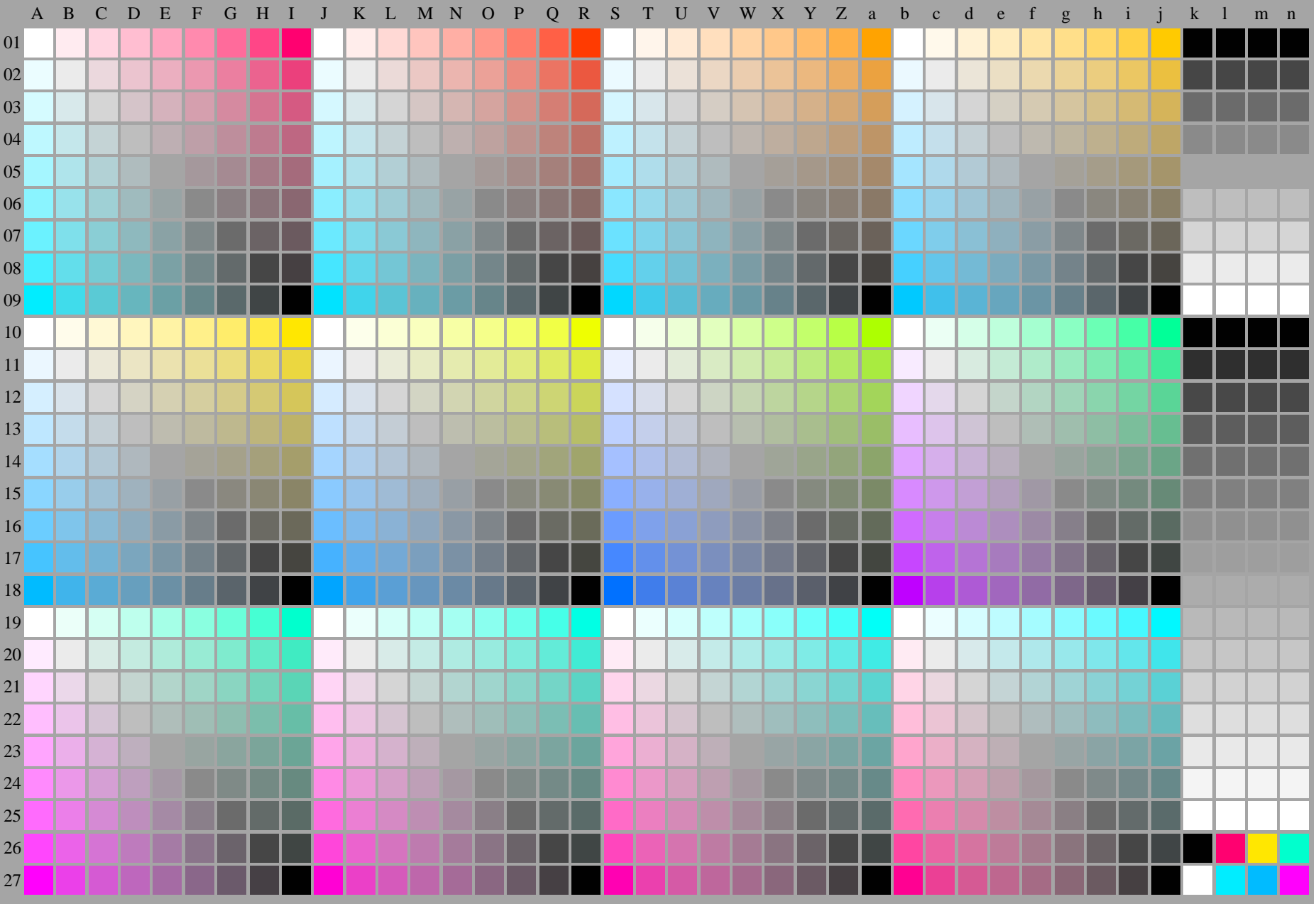
<http://farbe.li.tu-berlin.de/fei7/fei710fa.txt> /.ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fei7/fei7.htm>



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

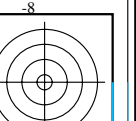
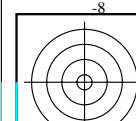
TUB-test chart fei7; Test chart 2e\_e0 with 40x27=1080 colours; 1MR, DEH  
Digital equidistant 9 or 16 step colour scales

000n/w/cmy0/rgb  
->rgb\*\_de, 135-0:



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

V  
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L  
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V  
C  
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L  
O



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/9241/306/6e-2/index.html>

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

	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	0001b01	0010c01	0019d01	0028e01	0037f01	0046g01	0055h01	0064i01	0073j01	0244b01	0253c01	0262d01	0271e01	0280f01	0289g01	0298h01	0307i01	0316j01	0487b01	0496c01	0505d01	0514e01	0523f01	0532g01	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01	
02	0010c01	0019d01	0028e01	0037f01	0046g01	0055h01	0064i01	0073j01	0244b01	0253c01	0262d01	0271e01	0280f01	0289g01	0298h01	0307i01	0316j01	0487b01	0496c01	0505d01	0514e01	0523f01	0532g01	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01		
03	0019d01	0028e01	0037f01	0046g01	0055h01	0064i01	0073j01	0244b01	0253c01	0262d01	0271e01	0280f01	0289g01	0298h01	0307i01	0316j01	0487b01	0496c01	0505d01	0514e01	0523f01	0532g01	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01			
04	0028e01	0037f01	0046g01	0055h01	0064i01	0073j01	0244b01	0253c01	0262d01	0271e01	0280f01	0289g01	0298h01	0307i01	0316j01	0487b01	0496c01	0505d01	0514e01	0523f01	0532g01	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01				
05	0037f01	0046g01	0055h01	0064i01	0073j01	0244b01	0253c01	0262d01	0271e01	0280f01	0289g01	0298h01	0307i01	0316j01	0487b01	0496c01	0505d01	0514e01	0523f01	0532g01	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01					
06	0046g01	0055h01	0064i01	0073j01	0244b01	0253c01	0262d01	0271e01	0280f01	0289g01	0298h01	0307i01	0316j01	0487b01	0496c01	0505d01	0514e01	0523f01	0532g01	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01						
07	0055h01	0064i01	0073j01	0244b01	0253c01	0262d01	0271e01	0280f01	0289g01	0298h01	0307i01	0316j01	0487b01	0496c01	0505d01	0514e01	0523f01	0532g01	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01							
08	0064i01	0073j01	0244b01	0253c01	0262d01	0271e01	0280f01	0289g01	0298h01	0307i01	0316j01	0487b01	0496c01	0505d01	0514e01	0523f01	0532g01	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01								
09	0073j01	0244b01	0253c01	0262d01	0271e01	0280f01	0289g01	0298h01	0307i01	0316j01	0487b01	0496c01	0505d01	0514e01	0523f01	0532g01	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01									
10	0244b01	0253c01	0262d01	0271e01	0280f01	0289g01	0298h01	0307i01	0316j01	0487b01	0496c01	0505d01	0514e01	0523f01	0532g01	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01										
11	0253c01	0262d01	0271e01	0280f01	0289g01	0298h01	0307i01	0316j01	0487b01	0496c01	0505d01	0514e01	0523f01	0532g01	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01											
12	0262d01	0271e01	0280f01	0289g01	0298h01	0307i01	0316j01	0487b01	0496c01	0505d01	0514e01	0523f01	0532g01	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01												
13	0271e01	0280f01	0289g01	0298h01	0307i01	0316j01	0487b01	0496c01	0505d01	0514e01	0523f01	0532g01	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01													
14	0280f01	0289g01	0298h01	0307i01	0316j01	0487b01	0496c01	0505d01	0514e01	0523f01	0532g01	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01														
15	0289g01	0298h01	0307i01	0316j01	0487b01	0496c01	0505d01	0514e01	0523f01	0532g01	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01															
16	0298h01	0307i01	0316j01	0487b01	0496c01	0505d01	0514e01	0523f01	0532g01	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01																
17	0307i01	0316j01	0487b01	0496c01	0505d01	0514e01	0523f01	0532g01	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01																	
18	0316j01	0487b01	0496c01	0505d01	0514e01	0523f01	0532g01	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01																		
19	0487b01	0496c01	0505d01	0514e01	0523f01	0532g01	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01																			
20	0496c01	0505d01	0514e01	0523f01	0532g01	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01																				
21	0505d01	0514e01	0523f01	0532g01	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01																					
22	0514e01	0523f01	0532g01	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01																						
23	0523f01	0532g01	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01																							
24	0532g01	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01																								
25	0541h01	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01																									
26	0550i01	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01																										
27	0559j01	0730b01	0739c01	0748d01	0757e01	0766f01	0775g01	0784h01	0793i01	0802j01	0972k01	0981l01	0990m01	0999n01																											

fei70-7n-135-1: 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), nnn0\*(m), www\*(n), 000n = 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, 135-1:

<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.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

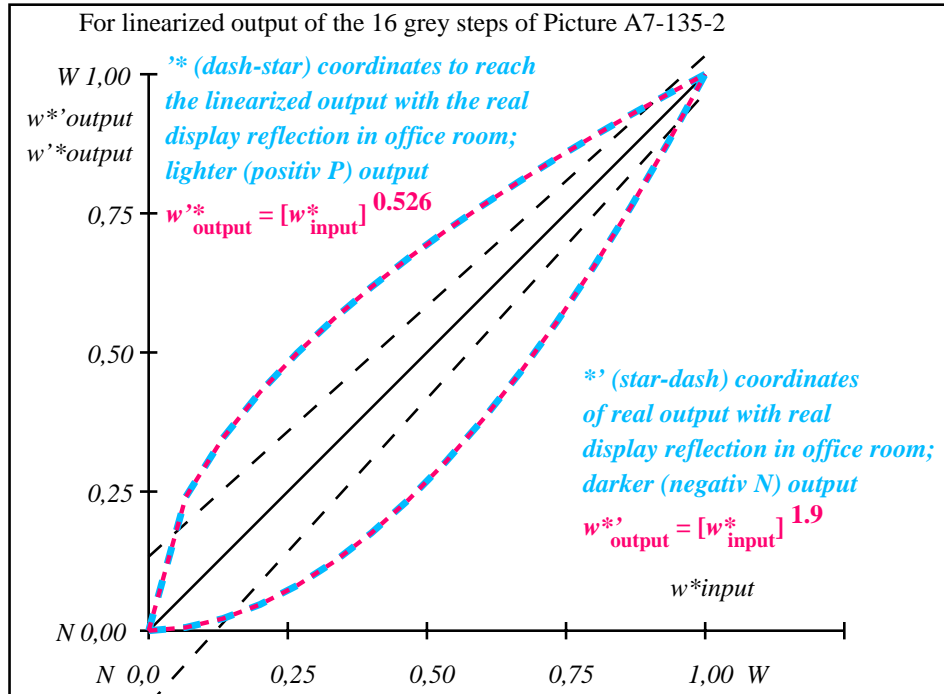
i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	$\Delta E^*$	Start output S1
1	37.99	0.0	0.0	37.99 0.0 0.0	0.0 0.0 0.0	0.01
2	41.81	0.0	0.24	51.79 0.0 0.0	9.98 0.0 0.0	9.98
3	45.64	0.0	0.35	57.87 0.0 0.0	12.23 0.0 0.0	12.23
4	49.47	0.0	0.43	62.6 0.0 0.0	13.13 0.0 0.0	13.13
5	53.3	0.0	0.5	66.63 0.0 0.0	13.33 0.0 0.0	13.33
6	57.13	0.0	0.56	70.19 0.0 0.0	13.07 0.0 0.0	13.07
7	60.96	0.0	0.62	73.44 0.0 0.0	12.48 0.0 0.0	12.48
8	64.78	0.0	0.67	76.44 0.0 0.0	11.65 0.0 0.0	11.65
9	68.61	0.0	0.72	79.23 0.0 0.0	10.62 0.0 0.0	10.62
10	72.44	0.0	0.76	81.87 0.0 0.0	9.43 0.0 0.0	9.43
11	76.27	0.0	0.81	84.37 0.0 0.0	8.11 0.0 0.0	8.11
12	80.1	0.0	0.85	86.76 0.0 0.0	6.66 0.0 0.0	6.66
13	83.93	0.0	0.89	89.05 0.0 0.0	5.12 0.0 0.0	5.12
14	87.75	0.0	0.93	91.24 0.0 0.0	3.49 0.0 0.0	3.49
15	91.58	0.0	0.96	93.36 0.0 0.0	1.78 0.0 0.0	1.78
16	95.41	0.0	1.0	95.41 0.0 0.0	0.0 0.0 0.0	0.01
17	37.99	0.0	0.0	37.99 0.0 0.0	0.0 0.0 0.0	0.01
18	52.34	0.0	0.48	65.67 0.0 0.0	13.33 0.0 0.0	13.33
19	66.7	0.0	0.69	77.86 0.0 0.0	11.16 0.0 0.0	11.16
20	81.05	0.0	0.86	87.34 0.0 0.0	6.29 0.0 0.0	6.29
21	95.41	0.0	1.0	95.41 0.0 0.0	0.0 0.0 0.0	0.01

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

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

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

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



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

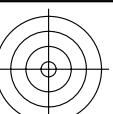
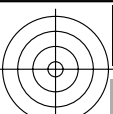
fei71-3n-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{intended}$ (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
$w^*_{setrgb}$	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	0,184	0,283	0,365	0,438	0,502	0,564	0,621	0,674	0,726	0,776	0,823	0,869	0,914	0,957	1,0

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

TUB-test chart fei7; In-output relation according to ISO 9241-306; 1MR, DEH 000n/w/cmy0/rgb  
Viewing Y contrast  $Y_W:Y_N=88,9:10$ ;  $Y_N$  range 7,5 to <15  $\rightarrow rgb^*_{de}$ , 135-2:

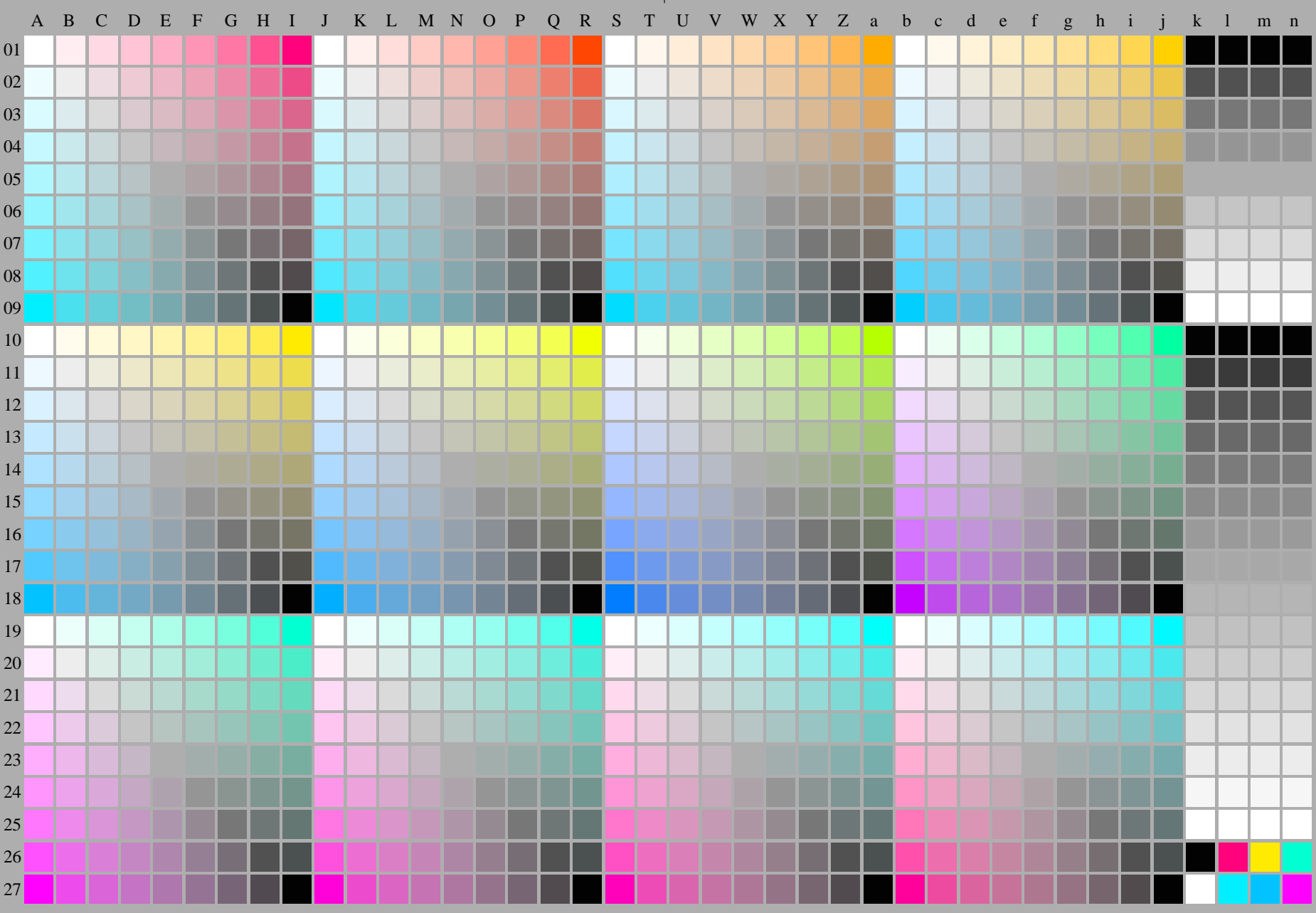
<http://farbe.li.tu-berlin.de/fei7/fei710fa.txt> /.ps; only vector graphic VG;  
see separate images of this page: <http://farbe.li.tu-berlin.de/fei7/fei7.htm>



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

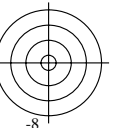
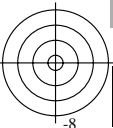
TUB material: code=rh4ta

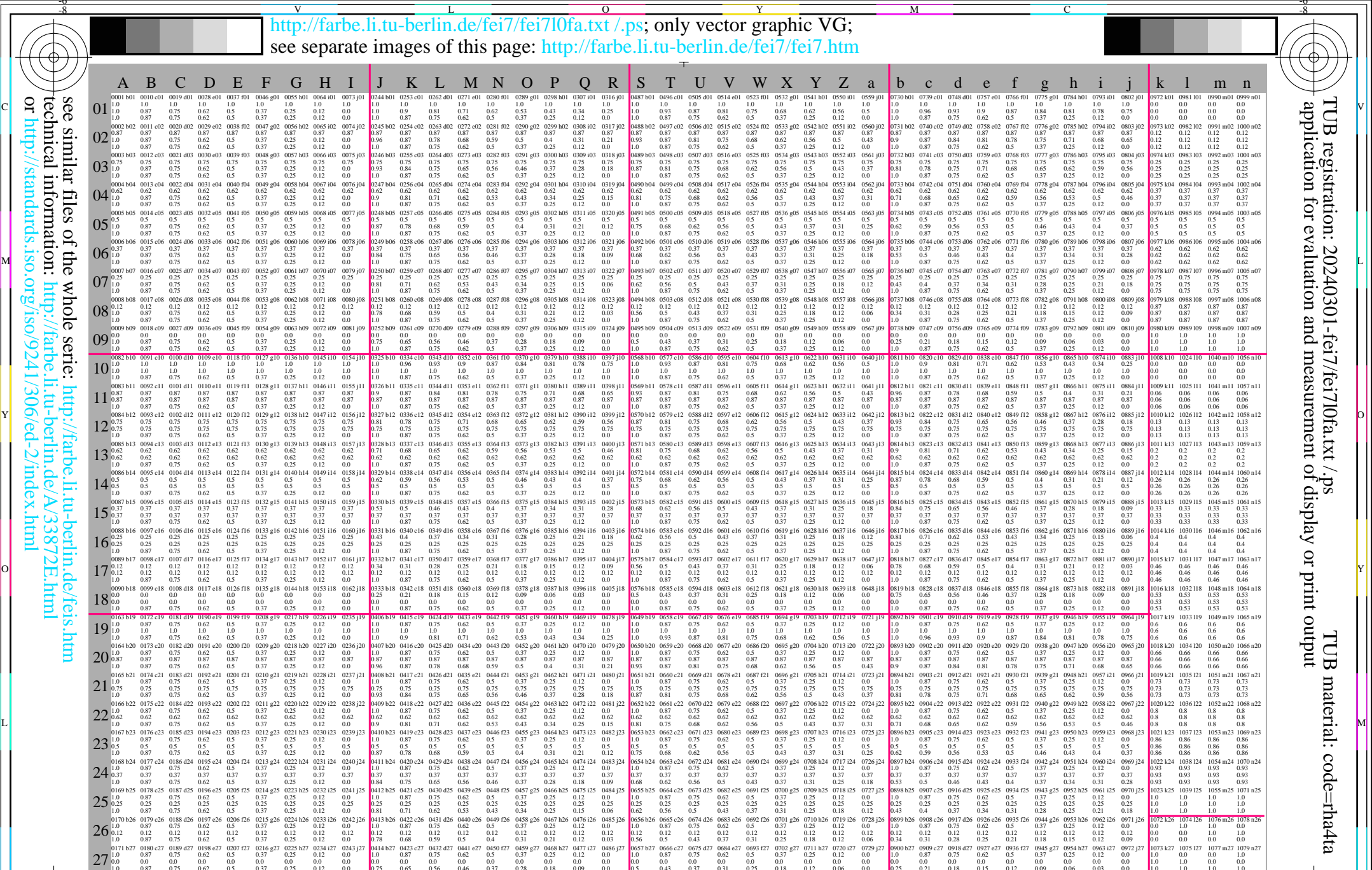


fei70-7n-136-0: Test chart 2o with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^*(A_n, colorml = 1)$

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

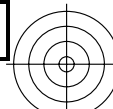
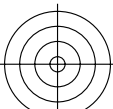
000n/w/cmy0/rgb  
->rgb\*\_de, 136-0:





fei70-7n-136-1: Test chart 2o with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^* (A_j + k26_{n27}, 000n^* (k), w^* (l), nnn0^* (m), www^* (n), ccolm = 1$

TUB-test chart fei7; Test chart 2e\_0 with 40x27=1080 colours; 1MR, DEH 000Nw/cmy0/rgb  
 Digital equidistant 9 or 16 step colour scales  $\rightarrow rgb^*_{de}, 136-1:$



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

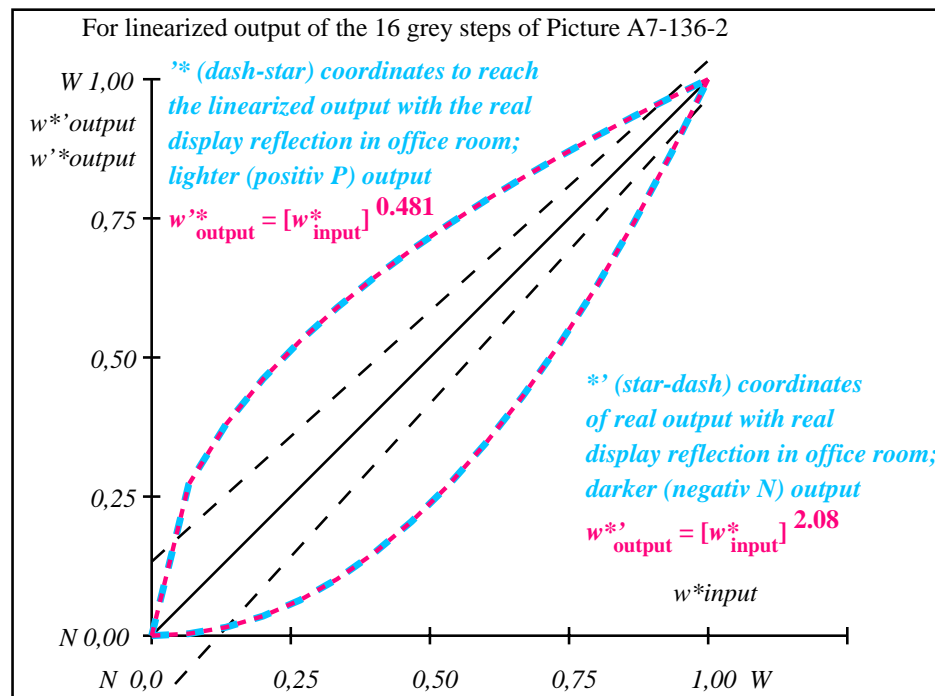
i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE*	Start output S1
1	52.02	0.0	0.0	52.02	0.0	0.0
2	54.91	0.0	0.27	63.82	0.0	8.91
3	57.8	0.0	0.38	68.49	0.0	10.69
4	60.7	0.0	0.46	72.03	0.0	11.34
5	63.59	0.0	0.53	75.0	0.0	11.41
6	66.48	0.0	0.59	77.61	0.0	11.12
7	69.37	0.0	0.64	79.95	0.0	10.57
8	72.27	0.0	0.69	82.1	0.0	9.83
9	75.16	0.0	0.74	84.09	0.0	8.93
10	78.05	0.0	0.78	85.96	0.0	7.91
11	80.95	0.0	0.82	87.72	0.0	6.78
12	83.84	0.0	0.86	89.4	0.0	5.56
13	86.73	0.0	0.9	91.0	0.0	4.26
14	89.62	0.0	0.93	92.53	0.0	2.9
15	92.52	0.0	0.97	93.99	0.0	1.48
16	95.41	0.0	1.0	95.41	0.0	0.01
17	52.02	0.0	0.0	52.02	0.0	0.0
18	62.87	0.0	0.51	74.3	0.0	11.43
19	73.71	0.0	0.72	83.11	0.0	9.4
20	84.56	0.0	0.87	89.81	0.0	5.24
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)  $\Delta E^*_{CIELAB} = 7.0$

Mean lightness difference (5 steps)  $\Delta L^*_{CIELAB} = 5.2$

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



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

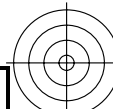
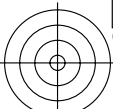
fei71-3n-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*$ <sub>intended</sub> (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 gp=0.55																
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
$w^* = l^*$ (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	0.226	0.329	0.412	0.483	0.546	0.604	0.657	0.707	0.755	0.8	0.842	0.884	0.924	0.962	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  
 $\rightarrow rgb^*_{de}$ , 136-2:



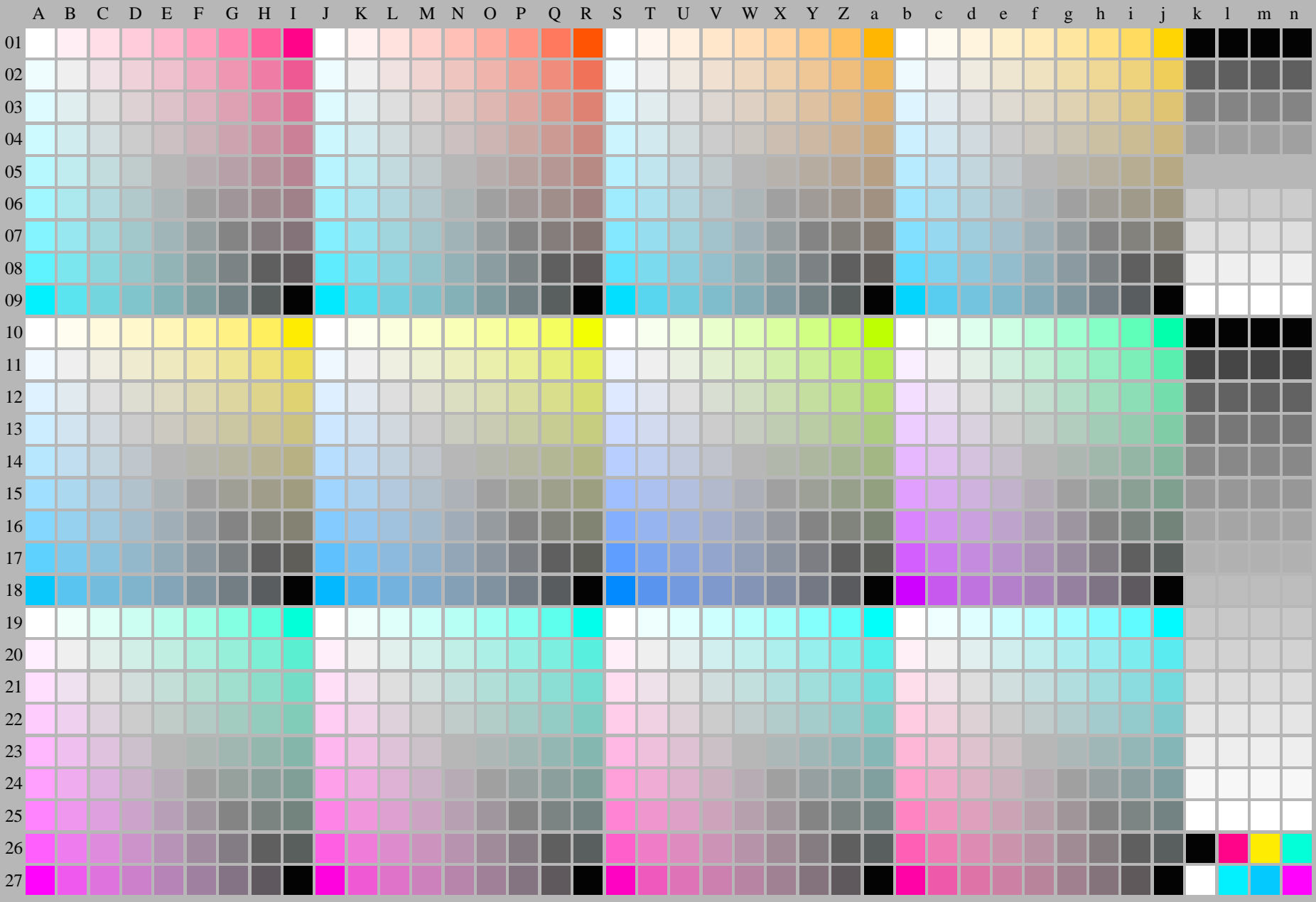
TUB material: code=rh4ta

<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

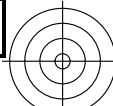
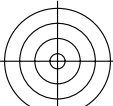


fei70-7n-137-0: Test chart 2o with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n):  $rgb^*(A_n, colorml = 1)$

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  
→ $rgb^*_{de}$ , 137-0:





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	69.7	0.0	69.7	0.0	0.01
2	71.41	0.0	77.46	6.04	6.04
3	73.13	0.0	80.24	7.11	7.11
4	74.84	0.0	82.31	7.47	7.47
5	76.55	0.0	84.02	7.47	7.47
6	78.27	0.0	85.51	7.24	7.24
7	79.98	0.0	86.84	6.86	6.86
8	81.7	0.0	88.05	6.35	6.35
9	83.41	0.0	89.17	5.76	5.76
10	85.12	0.0	90.21	5.08	5.08
11	86.84	0.0	91.19	4.35	4.35
12	88.55	0.0	92.11	3.56	3.56
13	90.27	0.0	92.99	2.73	2.73
14	91.98	0.0	93.83	1.85	1.85
15	93.7	0.0	94.64	0.94	0.94
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	83.62	7.5	7.5
19	82.55	0.0	88.62	6.06	6.06
20	88.98	0.0	92.34	3.35	3.35
21	95.41	0.0	95.41	0.0	0.01

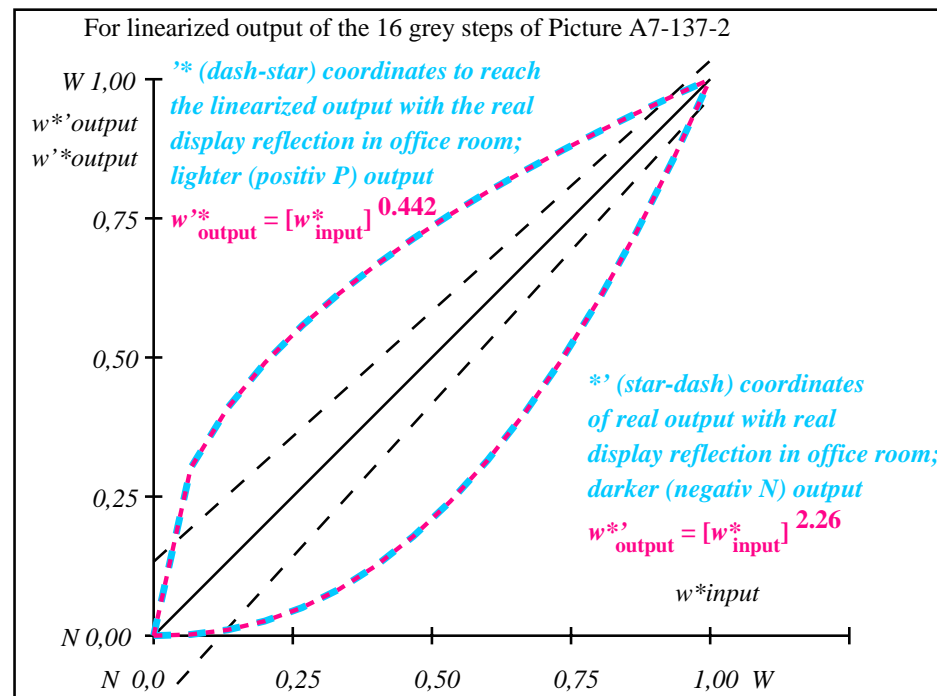
**Start output S1**  
**Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G**

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

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

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	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	0,276	0,383	0,465	0,534	0,593	0,647	0,696	0,741	0,784	0,825	0,862	0,899	0,934	0,967	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  
 $\rightarrow rgb^*_{de}, 137-2:$

