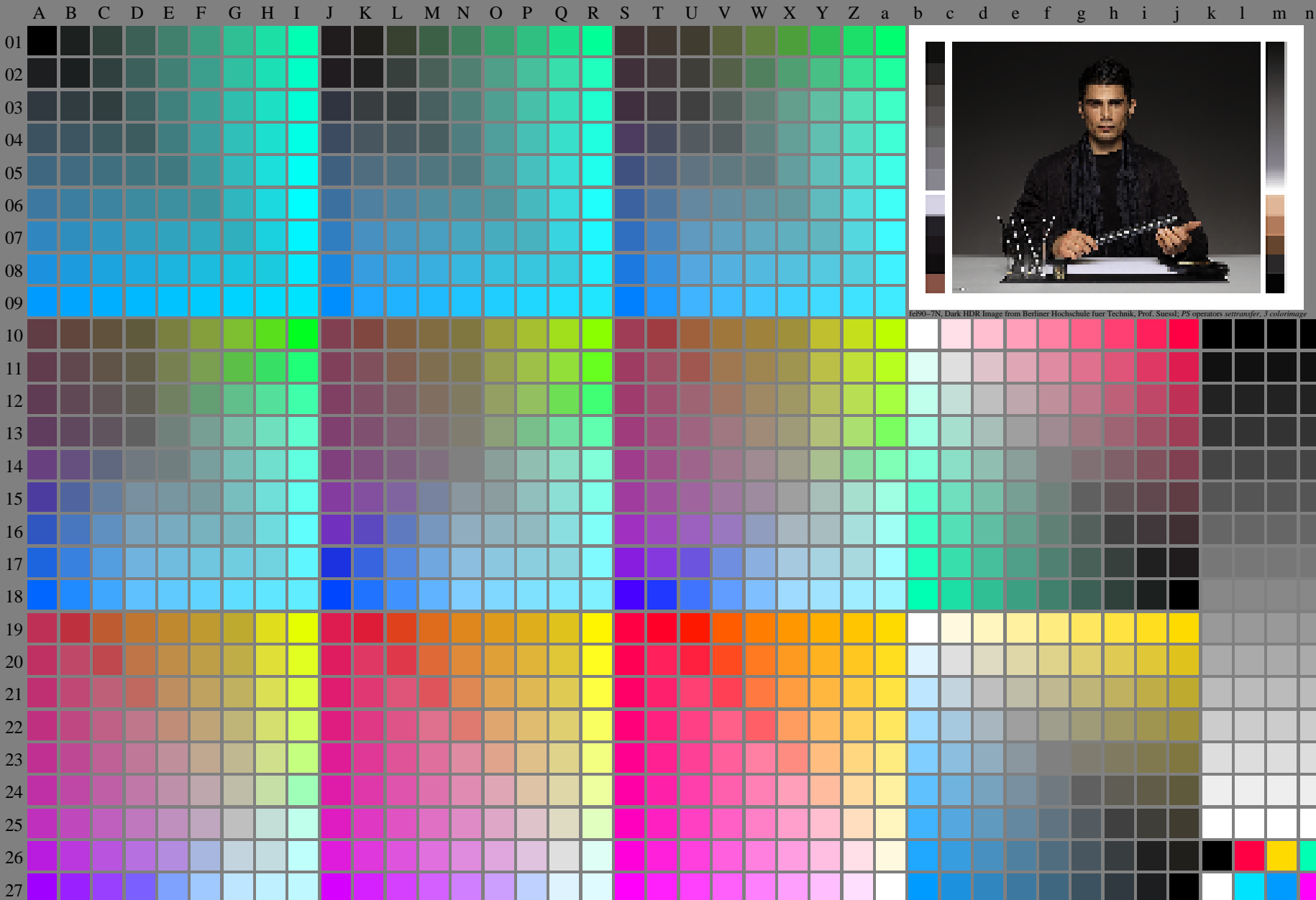


<http://farbe.li.tu-berlin.de/fel9/fel910fa.txt> / .ps; only vector graphic VG; start output
see separate images of this page: <http://farbe.li.tu-berlin.de/fel9/fel9.hum>

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-fel9/fel910fa.txt / .ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta



fel90-7N, 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^*_{de} (A_n), colorm = 1, xchart = 0, pchart = 0

TUB-test chart fel9; fel9: Test chart ul_e10 with 40x27=1080 colours; 1MR, DEH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=1,0$
→ rgb^*_{de} , 130-0:

<http://farbe.li.tu-berlin.de/fel9/fel910fa.txt> /ps; only vector graphic VG; start output

see separate images of this page: <http://farbe.li.tu-berlin.de/fel9/fel9.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-fel9/fel910fa.txt /ps
application for evaluation and measurement of display or print output

Table with 27 rows (01-27) and 100 columns (A-Z, a-z). Each cell contains numerical data representing color values for different colorants and colorants.

fel9-70, Page 2/16, Test chart G with 40x27=1080 colours; digital equivalent 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*(A_j + k26_n27)$, $000n^*(k)$, $w^*(l)$, $nnn0^*(m)$, $www^*(n)$, $color = 1$, $xchart = 0$, $pchart = 0$

TUB-test chart fel9; fel9: Test chart ul_e10 with 40x27=1080 colours; 1MR, DEH 000n/w/cmy0/rgb
Digital equivalent 9 or 16 step colour scales, D-HDR; $\gamma_R = 1,0$

Cy8 (288:1): $gp = 1.0$; $g_N = 10$

<http://farbe.li.tu-berlin.de/fel9/fel91px.pdf> /ps

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-fel9/fel910fa.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

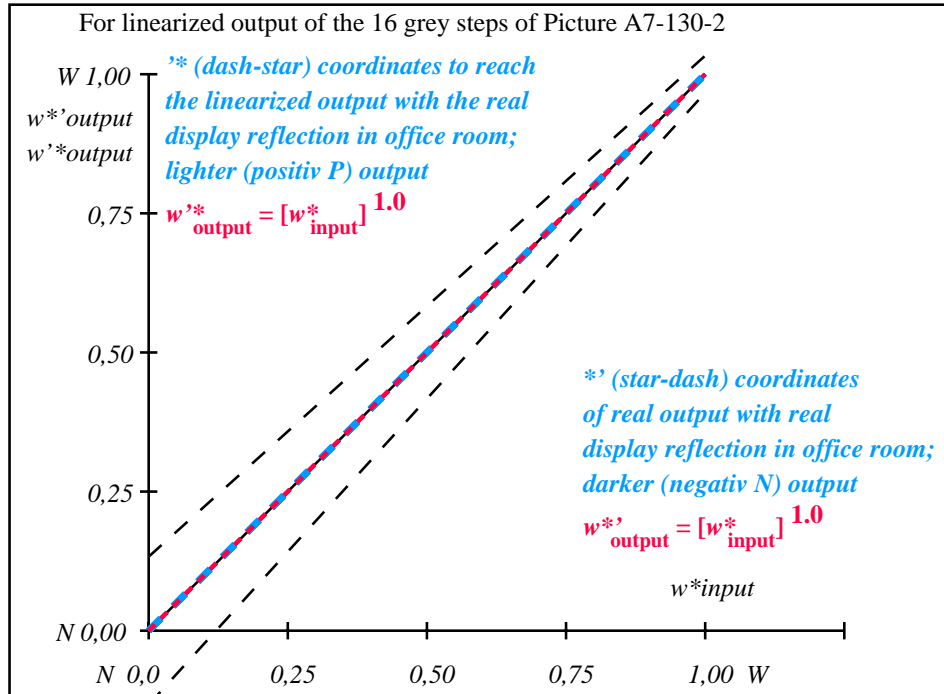
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

fel90-3N-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fel91-3N-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	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	0,067	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

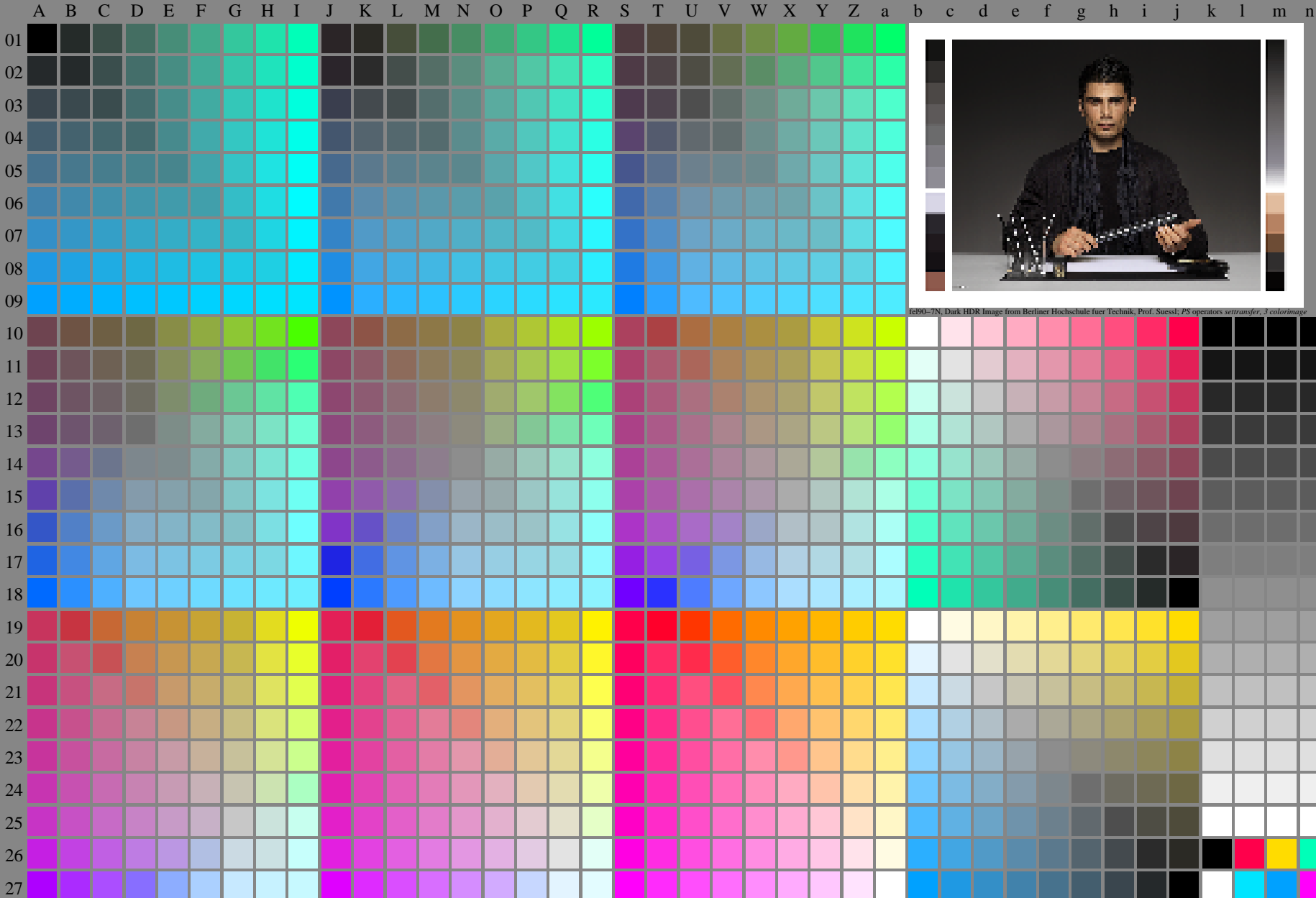
fel90-7N-130-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

<http://farbe.li.tu-berlin.de/fel9/fel910fa.txt/.ps>; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel9/fel9.hum>

see similar files of the whole series: <http://farbe.li.tu-berlin.de/fels.htm>
technical information: <http://farbe.li.tu-berlin.de/A/53872E.html>
or <http://standards.iso.org/iso/9241/506/ed-2/index.html>

TUB registration: 20240301-fel9/fel910fa.txt/.ps
application for evaluation and measurement of display or print output

TUB material: code=rh4ta



fel90-7N, Dark HDR Image from Berliner Hochschule fuer Technik, Prof. Suessli; PS operators settransfer_3.colortimage

fel90-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*_{de}(A_n)$, $colorm = 1$, $xchart = 1$, $pchart = 0$

TUB-test chart fel9; fel9: Test chart ul_e10 with 40x27=1080 colours; 1MR, DEH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=1,0$
 $\rightarrow rgb^*_{de}, 131-0:$

<http://farbe.li.tu-berlin.de/fel9/fel910fa.txt> /.ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel9/fel9.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-fel9/fel910fa.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

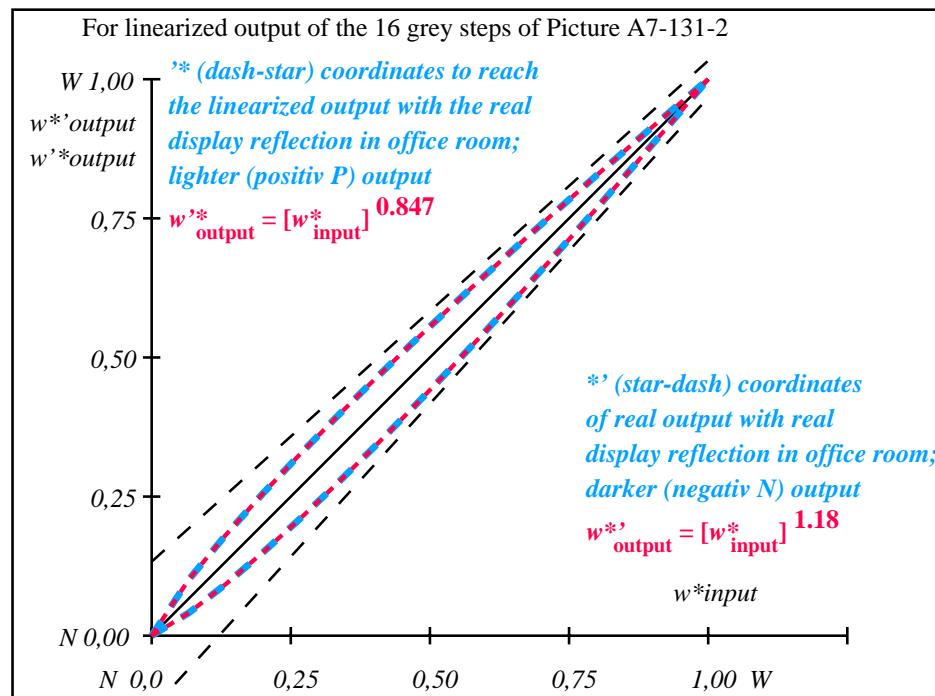
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

fel90-3N-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fel91-3N-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

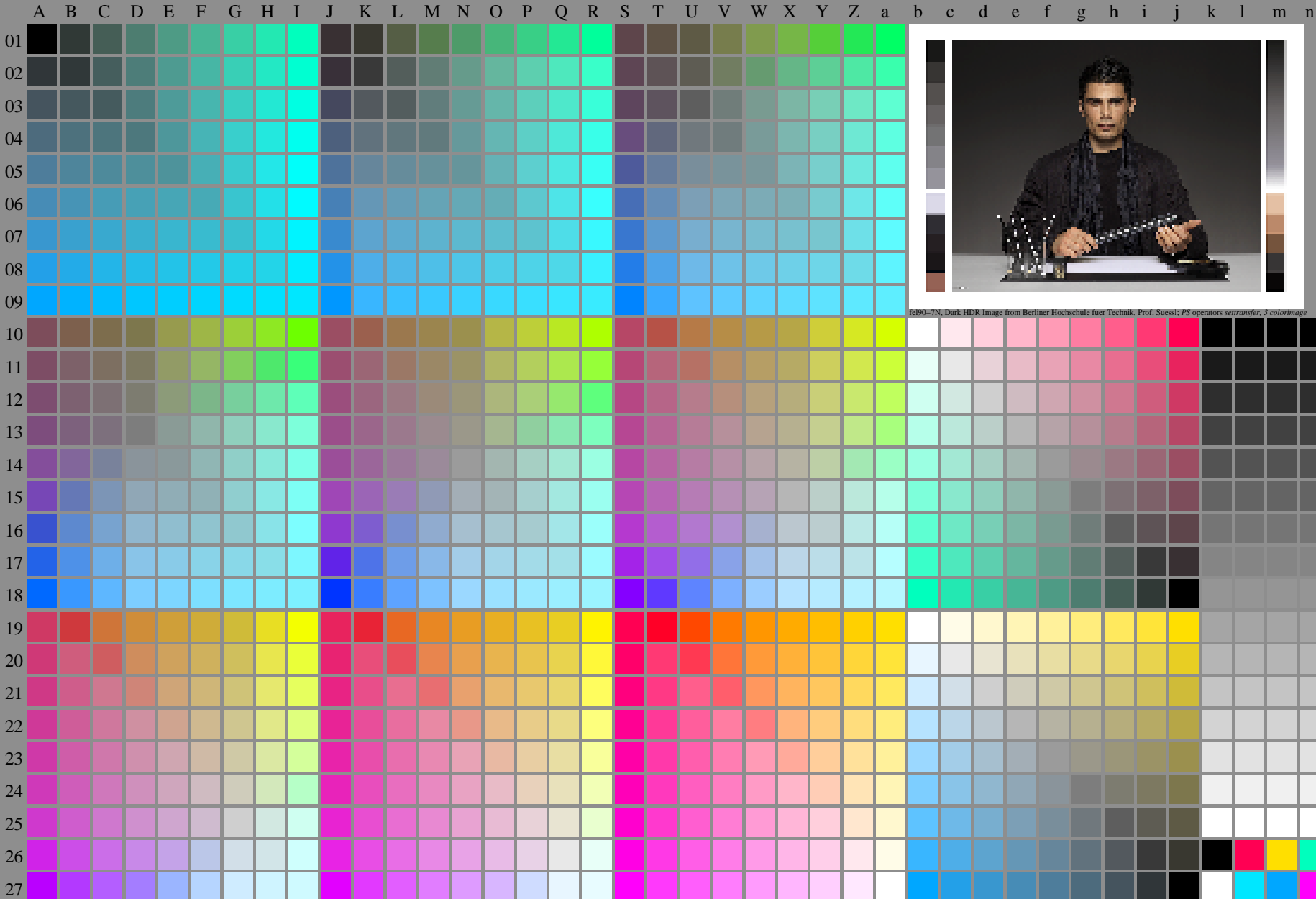
fel90-7N-131-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

TUB-test chart fel9; fel9: In-output relation according to ISO 9241-306; 1MR, DEH00n/w/cmy0/rgb
Viewing Y contrast $Y_W:Y_N=88,9:0,62$; Y_N range 0,46 to <0,93, D-HDR; $\gamma_R=1,0$ ->rgb*_de, 131-2:

<http://farbe.li.tu-berlin.de/fel9/fel910fa.txt/.ps>; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel9/fel9.htm>

see similar files of the whole series: <http://farbe.li.tu-berlin.de/fel9.htm>
technical information: <http://farbe.li.tu-berlin.de/A/53872E.html>
or <http://standards.iso.org/iso/9241/506/ed-2/index.html>

TUB registration: 20240301-fel9/fel910fa.txt/.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta



fel90-7N, Dark HDR Image from Berliner Hochschule fuer Technik, Prof. Suessli; PS operators settransfer_3.colortimage

fel90-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*_e(A_n)$, $colorm = 1$, $xchart = 2$, $pchart = 0$

TUB-test chart fel9; fel9: Test chart ul_e10 with 40x27=1080 colours; 1MR, DEH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=1,0$
 $\rightarrow rgb^*_{de}, 132-0:$

<http://farbe.li.tu-berlin.de/fel9/fel910fa.txt> /.ps; only vector graphic VG;
 see separate images of this page: <http://farbe.li.tu-berlin.de/fel9/fel9.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-fel9/fel910fa.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	10.99	0.0	0.0	10.99 0.0 0.0	0.01
2	16.62	0.0	0.14	22.52 0.0 0.0	5.9
3	22.25	0.0	0.23	30.18 0.0 0.0	7.93
4	27.88	0.0	0.31	36.84 0.0 0.0	8.97
5	33.5	0.0	0.38	42.93 0.0 0.0	9.43
6	39.13	0.0	0.45	48.63 0.0 0.0	9.5
7	44.76	0.0	0.51	54.03 0.0 0.0	9.27
8	50.39	0.0	0.57	59.19 0.0 0.0	8.81
9	56.02	0.0	0.63	64.17 0.0 0.0	8.15
10	61.64	0.0	0.69	68.98 0.0 0.0	7.33
11	67.27	0.0	0.74	73.65 0.0 0.0	6.38
12	72.9	0.0	0.8	78.2 0.0 0.0	5.3
13	78.53	0.0	0.85	82.64 0.0 0.0	4.11
14	84.15	0.0	0.9	86.98 0.0 0.0	2.82
15	89.78	0.0	0.95	91.23 0.0 0.0	1.45
16	95.41	0.0	1.0	95.41 0.0 0.0	0.01
17	10.99	0.0	0.0	10.99 0.0 0.0	0.01
18	32.1	0.0	0.36	41.45 0.0 0.0	9.36
19	53.2	0.0	0.6	61.7 0.0 0.0	8.5
20	74.31	0.0	0.81	79.32 0.0 0.0	5.01
21	95.41	0.0	1.0	95.41 0.0 0.0	0.01

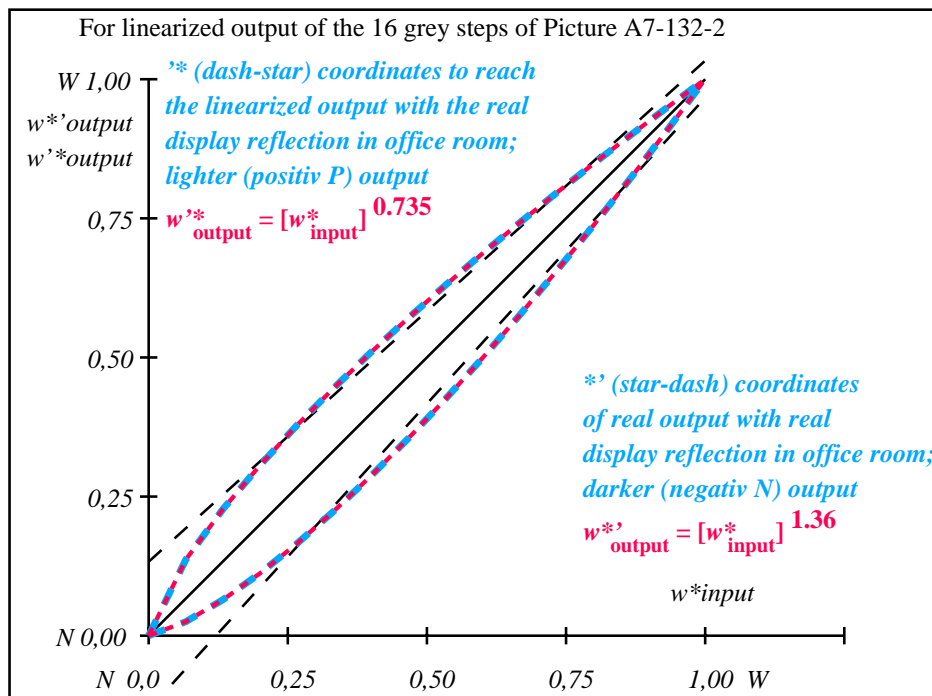
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

fel90-3N-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



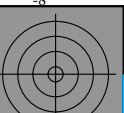
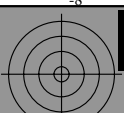
fel91-3N-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

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

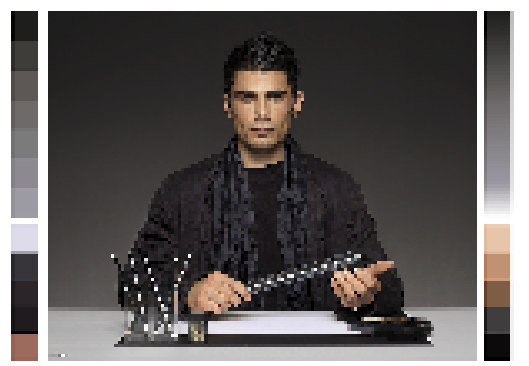
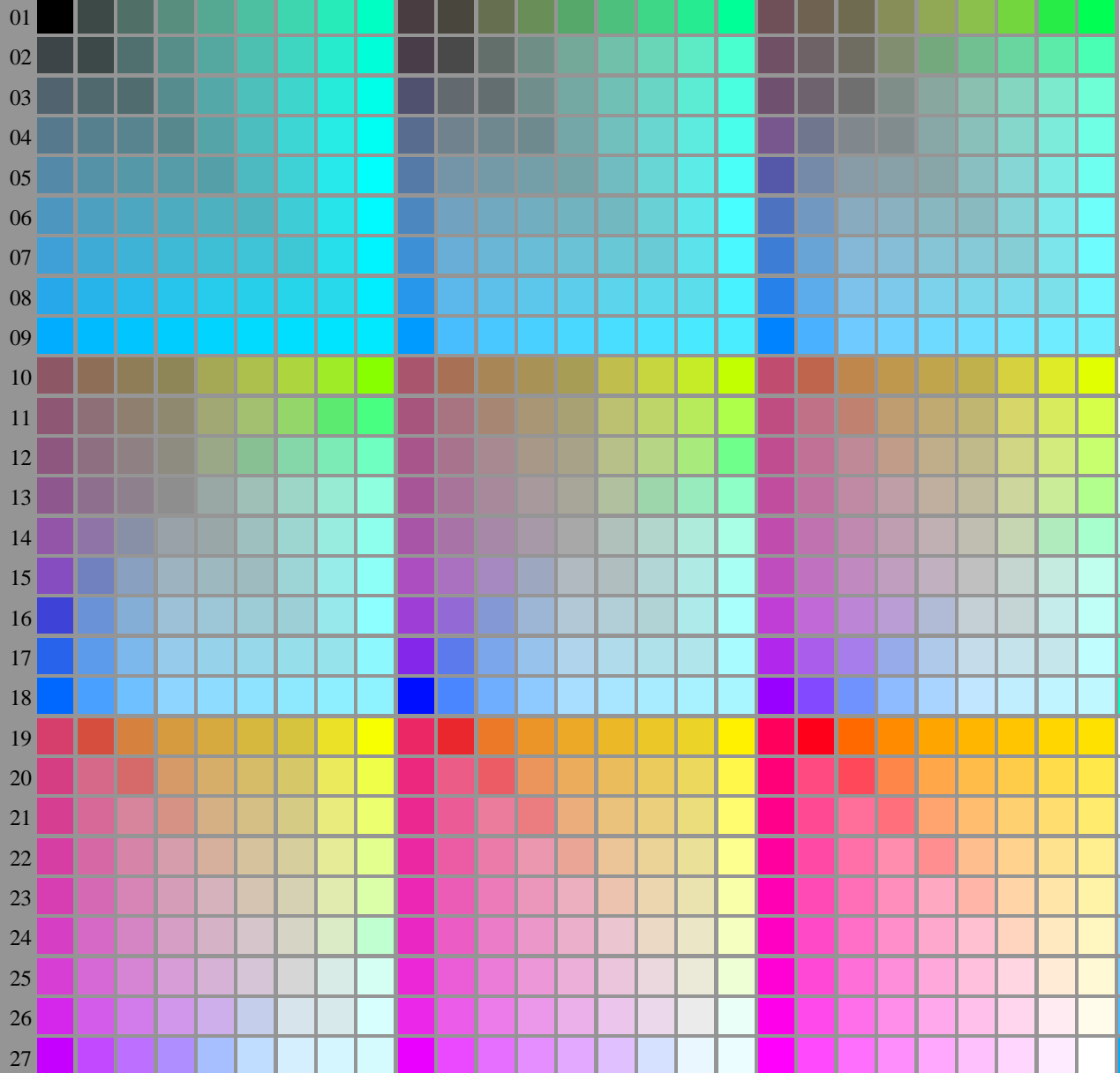
fel90-7N-132-2: 16 visual equidistant L*-grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

TUB-test chart fel9; fel9: In-output relation according to ISO 9241-306; 1MR, DEH00n/w/cmy0/rgb
 Viewing Y contrast $Y_W:Y_N=88,9:1,25$; Y_N range 0,93 to <1,87, D-HDR; $\gamma_R=1,0$ ->rgb*_de, 132-2:

<http://farbe.li.tu-berlin.de/fel9/fel910na.txt/.ps>; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel9/fel9.htm>



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



fel90-7N, Dark HDR Image from Berliner Hochschule fuer Technik, Prof. Suessli; PS operators settransfer, 3 colorImage

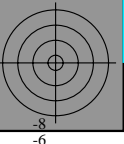
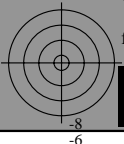
see similar files of the whole series: <http://farbe.li.tu-berlin.de/fel9.htm>
technical information: <http://farbe.li.tu-berlin.de/A/53872E.html>
or <http://standards.iso.org/iso/9241/5M6/ed-2/index.html>

TUB registration: 20240301-fel9/fel910fa.txt/.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta

fel90-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*_*(A_n)$, $colorm = 1$, $xchart = 3$, $pchart = 0$



TUB-test chart fel9; fel9: Test chart ul_e10 with 40x27=1080 colours; 1MR, DEH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=1,0$



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-fel9/fel910fa.txt /.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta

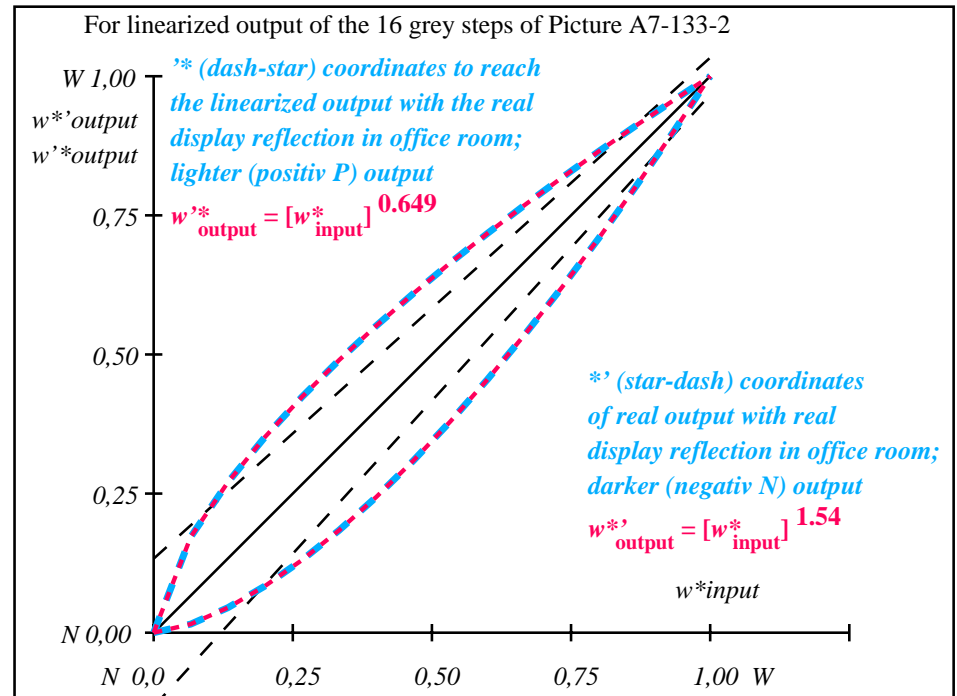
i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE^*	Start output S1
1	18.01	0.0	0.0	18.01	0.0	0.0
2	23.17	0.0	0.17	31.35	0.0	8.18
3	28.33	0.0	0.27	38.93	0.0	10.6
4	33.49	0.0	0.35	45.23	0.0	11.74
5	38.65	0.0	0.42	50.82	0.0	12.17
6	43.81	0.0	0.49	55.93	0.0	12.12
7	48.97	0.0	0.55	60.7	0.0	11.73
8	54.13	0.0	0.61	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

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

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

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

fel90-3N-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fel91-3N-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																
gp=0.78																
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	0,123	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

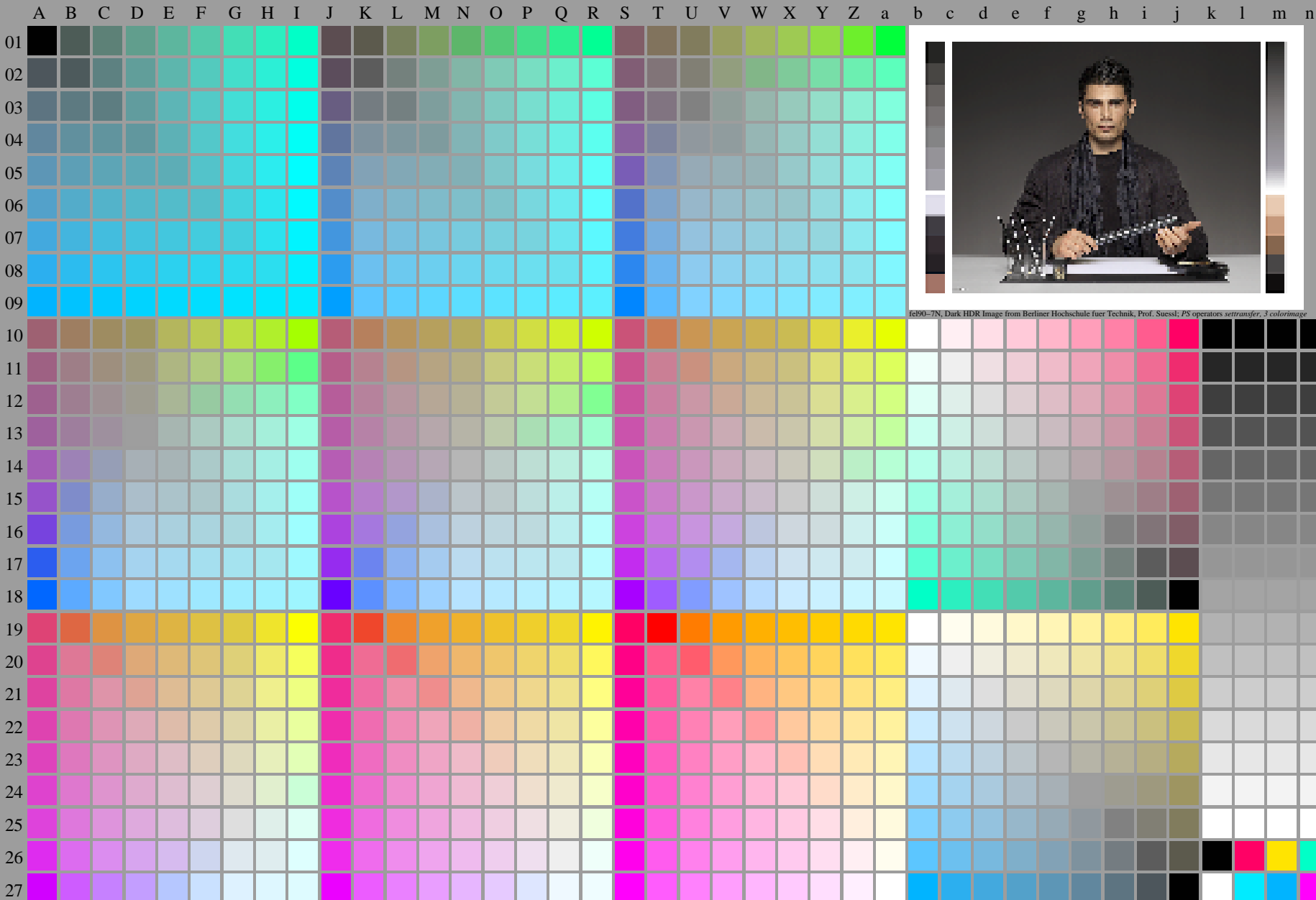
fel90-7N-133-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

TUB-test chart fel9; fel9: In-output relation according to ISO 9241-306; 1MR, DEH00n/w/cmy0/rgb
Viewing Y contrast $Y_W:Y_N=88,9:2,5$; Y_N range 1,87 to <3,75, D-HDR; $\gamma_R=1,0$ ->rgb*_de, 133-2:

<http://farbe.li.tu-berlin.de/fel9/fel910na.txt/.ps>; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel9/fel9.htm>

see similar files of the whole series: <http://farbe.li.tu-berlin.de/fel9.htm>
technical information: <http://standards.iso.org/iso/9241/506/ed-2/index.html>

TUB registration: 20240301-fel9/fel910fa.txt/.ps
application for evaluation and measurement of display or print output



fel90-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*(A_n)$, $colorm = 1$, $xchart = 4$, $pchart = 0$

TUB-test chart fel9; fel9: Test chart ul_e10 with 40x27=1080 colours; 1MR, DEH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=1,0$
 $\rightarrow rgb^*_{de}, 134-0:$

http://farbe.li.tu-berlin.de/fel9/fel910fa.txt /ps; only vector graphic VG; see separate images of this page: http://farbe.li.tu-berlin.de/fel9/fel9.htm

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 a specific row and column.

fel90-70, 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_n27), 000n*(k), w*(l), nnn0*(m), www*(n), colormap = 1, xchart = 4, pchart = 1

TUB-test chart fel9; fel9: Test chart ul_e10 with 40x27=1080 colours; 1MR, DEH 000n/w/cmy0/rgb Digital equidistant 9 or 16 step colour scales, D-HDR; γR=1,0 ->rgb*_de, 134:1-

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-fel9/fel910fa.txt /ps application for evaluation and measurement of display or print output TUB material: code=rahta

<http://farbe.li.tu-berlin.de/fel9/fel910fa.txt> /.ps; only vector graphic VG;
 see separate images of this page: <http://farbe.li.tu-berlin.de/fel9/fel9.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-fel9/fel910fa.txt /.ps
 application for evaluation and measurement of display or print output
 TUB material: code=rh4ta

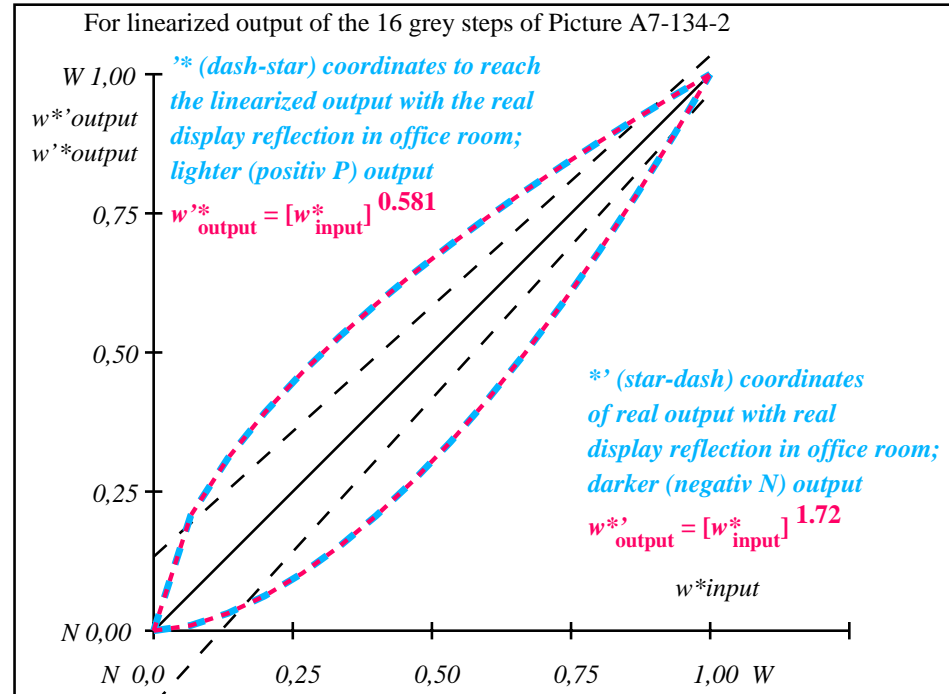
i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE^*	Start output S1
1	26.85	0.0	0.0	26.85	0.0	0.0
2	31.42	0.0	0.0	41.05	0.0	9.63
3	35.99	0.0	0.0	48.1	0.0	12.11
4	40.56	0.0	0.0	53.75	0.0	13.18
5	45.13	0.0	0.0	58.64	0.0	13.51
6	49.7	0.0	0.0	63.05	0.0	13.34
7	54.27	0.0	0.0	67.09	0.0	12.82
8	58.84	0.0	0.0	70.87	0.0	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

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

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

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

fel90-3N-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



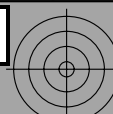
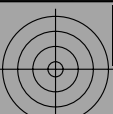
fel91-3N-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{intended}$ (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	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	0,151	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

fel90-7N-134-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

TUB-test chart fel9; fel9: In-output relation according to ISO 9241-306; 1MR, DEH00n/w/cmy0/rgb
 Viewing Y contrast $Y_W:Y_N=88,9:5$; Y_N range 3,75 to <7,5, D-HDR; $\gamma_R=1,0$ ->rgb*_de, 134-2:

<http://farbe.li.tu-berlin.de/fel9/fel910fa.txt> / .ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel9/fel9.htm>



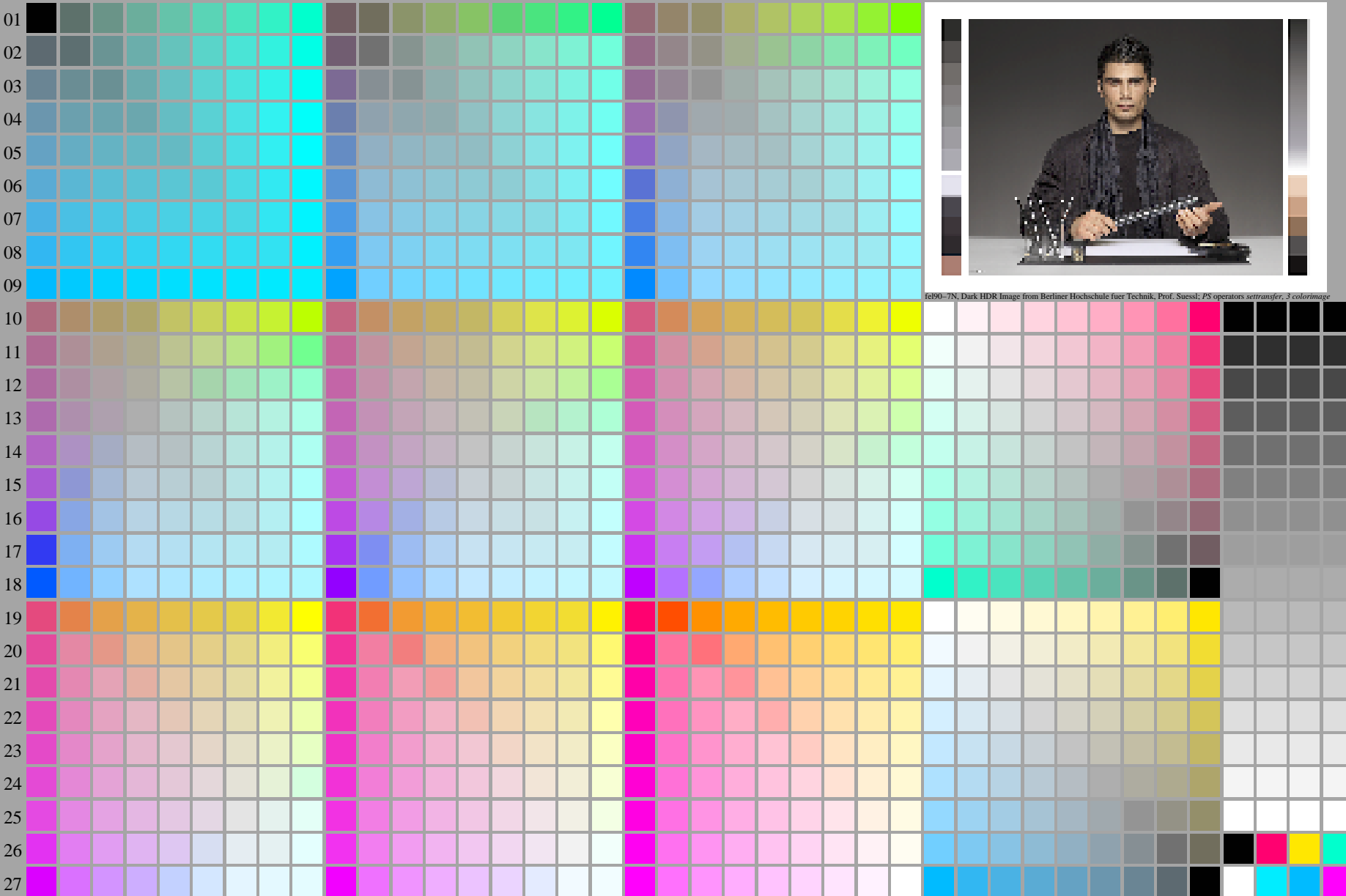
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z a b c d e f g h i j k l m n

see similar files of the whole series: <http://farbe.li.tu-berlin.de/fel9.htm>
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>
or <http://standards.iso.org/iso/9241/506/ed-2/index.html>

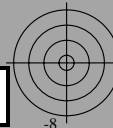
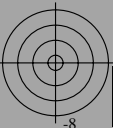
TUB registration: 20240301-fel9/fel910fa.txt / .ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta



fel90-7N, Dark HDR Image from Berliner Hochschule fuer Technik, Prof. Suessli; PS operators settransfer, 3 colorimage

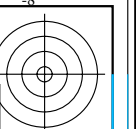


fel90-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^* (A_n)$, $colorm = 1$, $xchart = 5$, $pchart = 0$



TUB-test chart fel9; fel9: Test chart ul_e10 with 40x27=1080 colours; 1MR, DEH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=1,0$
 $\rightarrow rgb^*_{de}, 135-0:$

http://farbe.li.tu-berlin.de/fel9/fel910fa.txt /ps; only vector graphic VG;
see separate images of this page: http://farbe.li.tu-berlin.de/fel9/fel91m



TUB registration: 20240301-fel9/fel910fa.txt /ps
application for evaluation and measurement of display or print output

TUB material: code=rh4tra

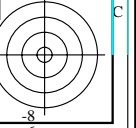
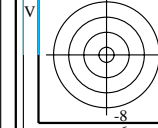
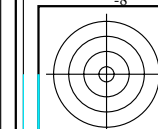


Table with 27 rows (01-27) and 100 columns (A-Z, a-z). Each cell contains a numerical value representing color data for a specific row and column.

fel90-70, Page 2/16, Test chart G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*(A_j + k26_n27), 000n^*(k), w^*(l), nnn^*(m), www^*(n),$ colormap = 1, xchart = 1

TUB-test chart fel9; fel9: Test chart ul_e10 with 40x27=1080 colours; 1MR, DEH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=1.0$
-> $rgb^*_{de}, 135:1$

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



<http://farbe.li.tu-berlin.de/fel9/fel910fa.txt> /.ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel9/fel9.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-fel9/fel910fa.txt /.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta

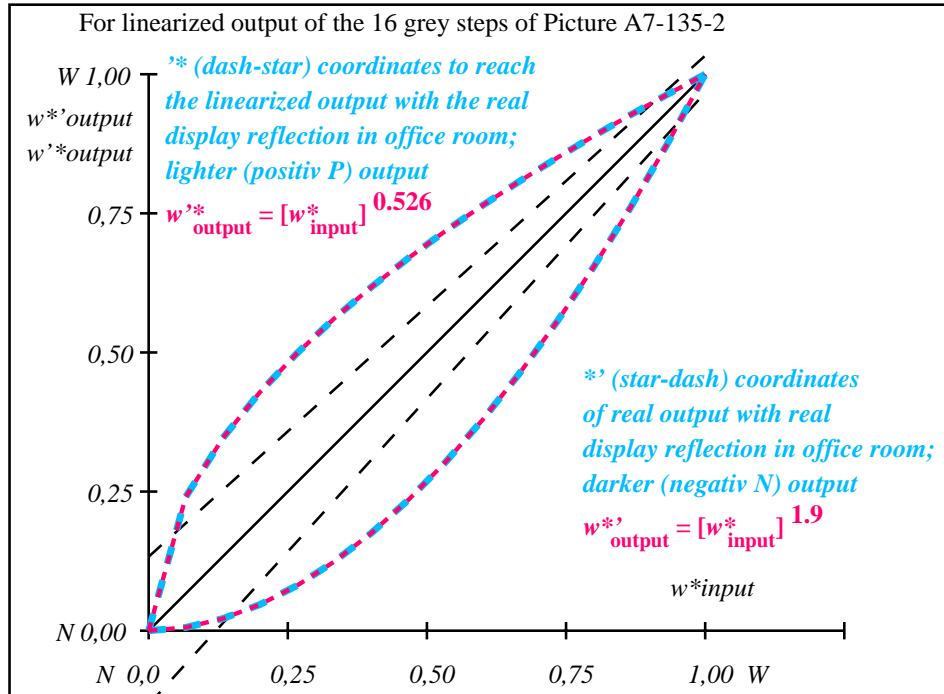
i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE^*	Start output S1
1	37.99	0.0	0.0	37.99 0.0 0.0	0.0 0.0 0.0	0.01
2	41.81	0.0	0.24	51.79 0.0 0.0	9.98 0.0 0.0	9.98
3	45.64	0.0	0.35	57.87 0.0 0.0	12.23 0.0 0.0	12.23
4	49.47	0.0	0.43	62.6 0.0 0.0	13.13 0.0 0.0	13.13
5	53.3	0.0	0.5	66.63 0.0 0.0	13.33 0.0 0.0	13.33
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

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

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

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

fel90-3N-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



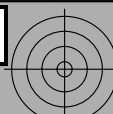
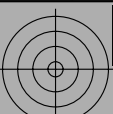
fel91-3N-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{intended}$ (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^*_{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	0,185	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
w^*_{out}																

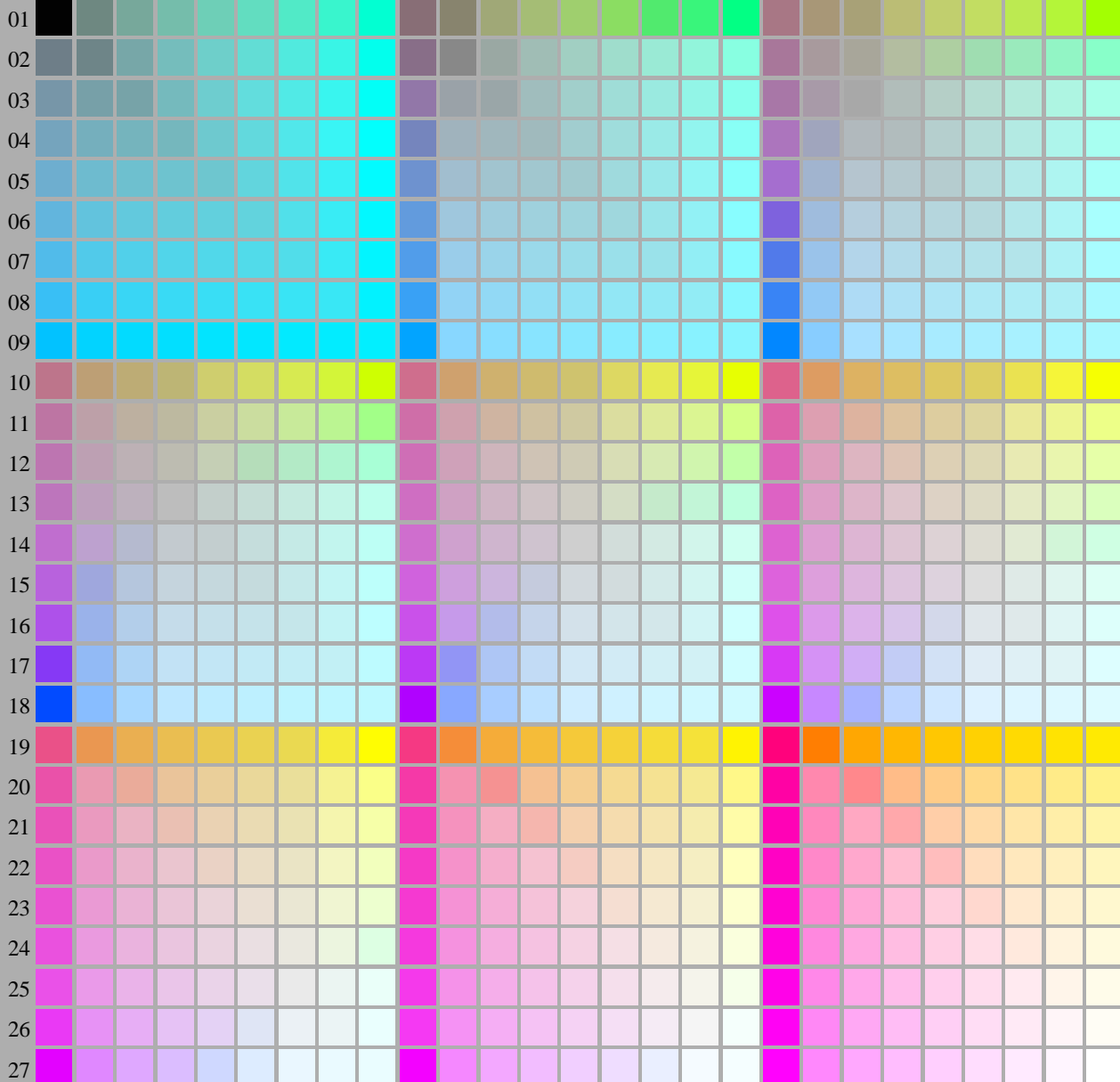
fel90-7N-135-2: 16 visual equidistant L^* -grey steps; PS operator: $w^*_{setrgbcolor}$

TUB-test chart fel9; fel9: In-output relation according to ISO 9241-306; 1MR, DEH00n/w/cmy0/rgb
Viewing Y contrast $Y_W:Y_N=88,9:10$; Y_N range 7,5 to <15, D-HDR; $\gamma_R=1,0$ -> rgb^*_{de} , 135-2:

<http://farbe.li.tu-berlin.de/fel9/fel910fa.txt> / .ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel9/fel9.htm>



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



fel90-7N, Dark HDR Image from Berliner Hochschule fuer Technik, Prof. Suessli; PS operators settransfer, 3 colorimage

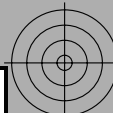
see similar files of the whole series: <http://farbe.li.tu-berlin.de/fels.htm>
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fel9/fel910fa.txt / .ps
application for evaluation and measurement of display or print output

TUB material: code=rh4ta

fel90-7N, 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 fel9; fel9: Test chart ul_e10 with 40x27=1080 colours; 1MR, DEH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=1,0$
 $\rightarrow rgb^*_{de, 136-0}$



<http://farbe.li.tu-berlin.de/fel9/fel910fa.txt> /.ps; only vector graphic VG;
 see separate images of this page: <http://farbe.li.tu-berlin.de/fel9/fel9.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-fel9/fel910fa.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	52.02	0.0	0.0	52.02	0.0	0.0
2	54.91	0.0	0.0	63.82	0.0	8.91
3	57.8	0.0	0.0	68.49	0.0	10.69
4	60.7	0.0	0.0	72.03	0.0	11.34
5	63.59	0.0	0.0	75.0	0.0	11.41
6	66.48	0.0	0.0	77.61	0.0	11.12
7	69.37	0.0	0.0	79.95	0.0	10.57
8	72.27	0.0	0.0	82.1	0.0	9.83
9	75.16	0.0	0.0	84.09	0.0	8.93
10	78.05	0.0	0.0	85.96	0.0	7.91
11	80.95	0.0	0.0	87.72	0.0	6.78
12	83.84	0.0	0.0	89.4	0.0	5.56
13	86.73	0.0	0.0	91.0	0.0	4.26
14	89.62	0.0	0.0	92.53	0.0	2.9
15	92.52	0.0	0.0	93.99	0.0	1.48
16	95.41	0.0	0.0	95.41	0.0	0.01
17	52.02	0.0	0.0	52.02	0.0	0.01
18	62.87	0.0	0.0	74.3	0.0	11.43
19	73.71	0.0	0.0	83.11	0.0	9.4
20	84.56	0.0	0.0	89.81	0.0	5.24
21	95.41	0.0	0.0	95.41	0.0	0.01

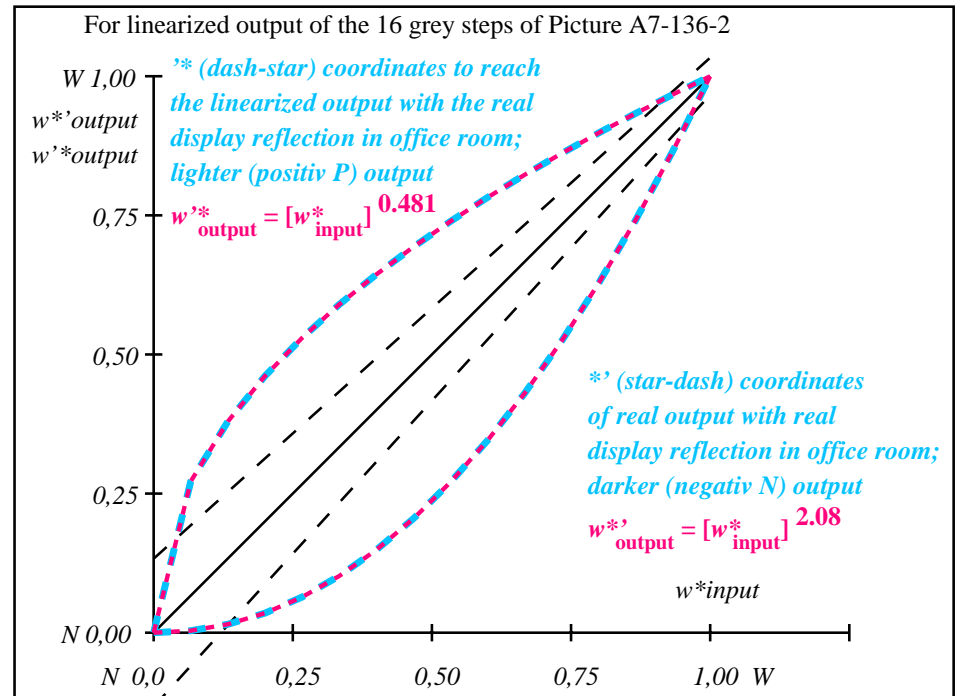
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps) $\Delta E^*_{CIELAB} = 7.0$

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

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

fel90-3N-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



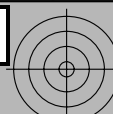
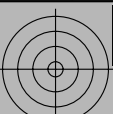
fel91-3N-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{intended}$ (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
$w^* w^* w^*$ 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	0,226	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

fel90-7N-136-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

TUB-test chart fel9; fel9: In-output relation according to ISO 9241-306; 1MR, DEH00n/w/cmy0/rgb
 Viewing Y contrast $Y_W:Y_N=88,9:20$; Y_N range 15 to <30, D-HDR; $\gamma_R=1,0$ $\rightarrow rgb^*_{de}$, 136-2:

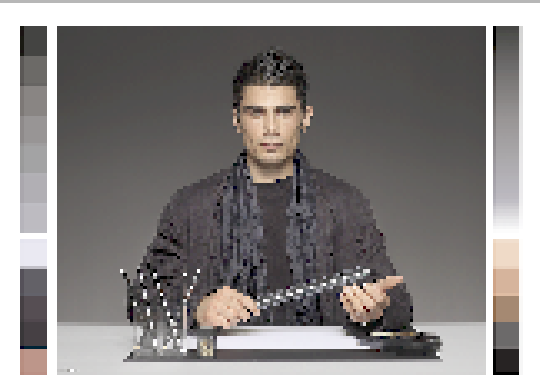
<http://farbe.li.tu-berlin.de/fel9/fel910fa.txt> /.ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel9/fel9.htm>



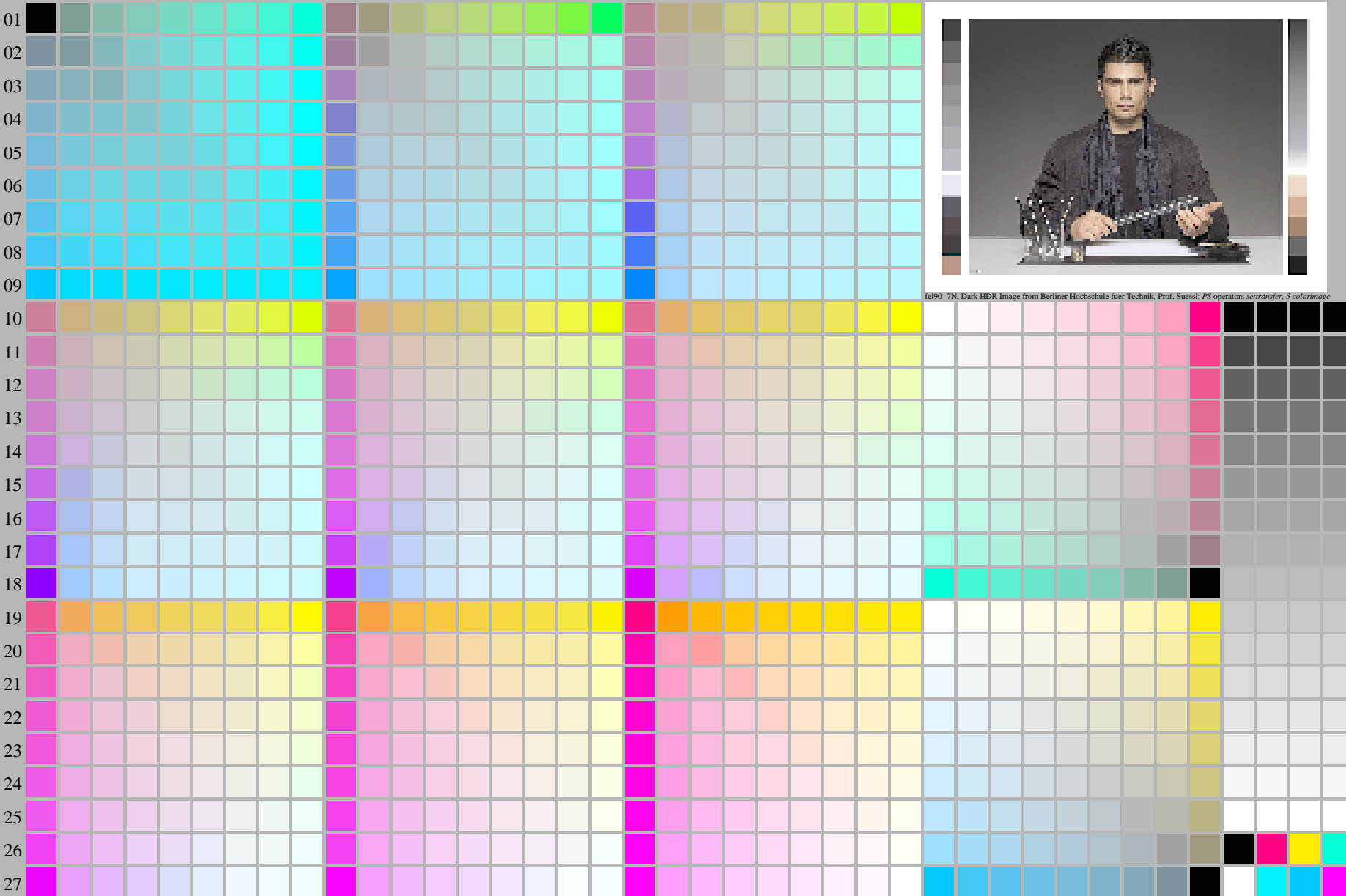
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z a b c d e f g h i j k l m n

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-fel9/fel910fa.txt /.ps
application for evaluation and measurement of display or print output

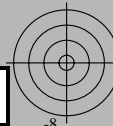
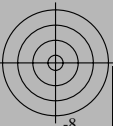


fel90-7N, Dark HDR Image from Berliner Hochschule fuer Technik, Prof. Suessi; PS operators settransfer, 3 colorimage



fel90-7N, 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 fel9; fel9: Test chart ul_e10 with 40x27=1080 colours; 1MR, DEH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=1,0$
→ rgb^*_{de} , 137-0:



<http://farbe.li.tu-berlin.de/fel9/fel910fa.txt> / .ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel9/fel9.htm>

TUB registration: 20240301-fel9/fel910fa.txt / .ps
application for evaluation and measurement of display or print output

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fel9/fel910fa.txt>
technical information: <http://farbe.li.tu-berlin.de/A/33872E.htm>
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
01	0000 A01	0009 B01	0018 C01	0027 D01	0036 E01	0045 F01	0054 G01	0063 H01	0072 I01	0081 J01	0090 K01	0099 L01	0108 M01	0117 N01	0126 O01	0135 P01	0144 Q01	0153 R01	0162 S01	0171 T01	0180 U01	0189 V01	0198 W01	0207 X01	0216 Y01	0225 Z01	0234 a01	0243 b01	0252 c01	0261 d01	0270 e01	0279 f01	0288 g01	0297 h01	0306 i01	0315 j01	0324 k01	0333 l01	0342 m01	0351 n01
02	0001 A02	0010 B02	0019 C02	0028 D02	0037 E02	0046 F02	0055 G02	0064 H02	0073 I02	0082 J02	0091 K02	0100 L02	0109 M02	0118 N02	0127 O02	0136 P02	0145 Q02	0154 R02	0163 S02	0172 T02	0181 U02	0190 V02	0199 W02	0208 X02	0217 Y02	0226 Z02	0235 a02	0244 b02	0253 c02	0262 d02	0271 e02	0280 f02	0289 g02	0298 h02	0307 i02	0316 j02	0325 k02	0334 l02	0343 m02	0352 n02
03	0002 A03	0011 B03	0020 C03	0029 D03	0038 E03	0047 F03	0056 G03	0065 H03	0074 I03	0083 J03	0092 K03	0101 L03	0110 M03	0119 N03	0128 O03	0137 P03	0146 Q03	0155 R03	0164 S03	0173 T03	0182 U03	0191 V03	0200 W03	0209 X03	0218 Y03	0227 Z03	0236 a03	0245 b03	0254 c03	0263 d03	0272 e03	0281 f03	0290 g03	0299 h03	0308 i03	0317 j03	0326 k03	0335 l03	0344 m03	0353 n03
04	0003 A04	0012 B04	0021 C04	0030 D04	0039 E04	0048 F04	0057 G04	0066 H04	0075 I04	0084 J04	0093 K04	0102 L04	0111 M04	0120 N04	0129 O04	0138 P04	0147 Q04	0156 R04	0165 S04	0174 T04	0183 U04	0192 V04	0201 W04	0210 X04	0219 Y04	0228 Z04	0237 a04	0246 b04	0255 c04	0264 d04	0273 e04	0282 f04	0291 g04	0300 h04	0309 i04	0318 j04	0327 k04	0336 l04	0345 m04	0354 n04
05	0004 A05	0013 B05	0022 C05	0031 D05	0040 E05	0049 F05	0058 G05	0067 H05	0076 I05	0085 J05	0094 K05	0103 L05	0112 M05	0121 N05	0130 O05	0139 P05	0148 Q05	0157 R05	0166 S05	0175 T05	0184 U05	0193 V05	0202 W05	0211 X05	0220 Y05	0229 Z05	0238 a05	0247 b05	0256 c05	0265 d05	0274 e05	0283 f05	0292 g05	0301 h05	0310 i05	0319 j05	0328 k05	0337 l05	0346 m05	0355 n05
06	0005 A06	0014 B06	0023 C06	0032 D06	0041 E06	0050 F06	0059 G06	0068 H06	0077 I06	0086 J06	0095 K06	0104 L06	0113 M06	0122 N06	0131 O06	0140 P06	0149 Q06	0158 R06	0167 S06	0176 T06	0185 U06	0194 V06	0203 W06	0212 X06	0221 Y06	0230 Z06	0239 a06	0248 b06	0257 c06	0266 d06	0275 e06	0284 f06	0293 g06	0302 h06	0311 i06	0320 j06	0329 k06	0338 l06	0347 m06	0356 n06
07	0006 A07	0015 B07	0024 C07	0033 D07	0042 E07	0051 F07	0060 G07	0069 H07	0078 I07	0087 J07	0096 K07	0105 L07	0114 M07	0123 N07	0132 O07	0141 P07	0150 Q07	0159 R07	0168 S07	0177 T07	0186 U07	0195 V07	0204 W07	0213 X07	0222 Y07	0231 Z07	0240 a07	0249 b07	0258 c07	0267 d07	0276 e07	0285 f07	0294 g07	0303 h07	0312 i07	0321 j07	0330 k07	0339 l07	0348 m07	0357 n07
08	0007 A08	0016 B08	0025 C08	0034 D08	0043 E08	0052 F08	0061 G08	0070 H08	0079 I08	0088 J08	0097 K08	0106 L08	0115 M08	0124 N08	0133 O08	0142 P08	0151 Q08	0160 R08	0169 S08	0178 T08	0187 U08	0196 V08	0205 W08	0214 X08	0223 Y08	0232 Z08	0241 a08	0250 b08	0259 c08	0268 d08	0277 e08	0286 f08	0295 g08	0304 h08	0313 i08	0322 j08	0331 k08	0340 l08	0349 m08	0358 n08
09	0008 A09	0017 B09	0026 C09	0035 D09	0044 E09	0053 F09	0062 G09	0071 H09	0080 I09	0089 J09	0098 K09	0107 L09	0116 M09	0125 N09	0134 O09	0143 P09	0152 Q09	0161 R09	0170 S09	0179 T09	0188 U09	0197 V09	0206 W09	0215 X09	0224 Y09	0233 Z09	0242 a09	0251 b09	0260 c09	0269 d09	0278 e09	0287 f09	0296 g09	0305 h09	0314 i09	0323 j09	0332 k09	0341 l09	0350 m09	0359 n09
10	0009 A10	0020 B10	0029 C10	0038 D10	0047 E10	0056 F10	0065 G10	0074 I10	0083 J10	0092 K10	0101 L10	0110 M10	0119 N10	0128 O10	0137 P10	0146 Q10	0155 R10	0164 S10	0173 T10	0182 U10	0191 V10	0200 W10	0209 X10	0218 Y10	0227 Z10	0236 a10	0245 b10	0254 c10	0263 d10	0272 e10	0281 f10	0290 g10	0299 h10	0308 i10	0317 j10	0326 k10	0335 l10	0344 m10	0353 n10	
11	0010 A11	0021 B11	0030 C11	0039 D11	0048 E11	0057 F11	0066 G11	0075 I11	0084 J11	0093 K11	0102 L11	0111 M11	0120 N11	0129 O11	0138 P11	0147 Q11	0156 R11	0165 S11	0174 T11	0183 U11	0192 V11	0201 W11	0210 X11	0219 Y11	0228 Z11	0237 a11	0246 b11	0255 c11	0264 d11	0273 e11	0282 f11	0291 g11	0300 h11	0309 i11	0318 j11	0327 k11	0336 l11	0345 m11	0354 n11	
12	0011 A12	0022 B12	0031 C12	0040 D12	0049 E12	0058 F12	0067 G12	0076 I12	0085 J12	0094 K12	0103 L12	0112 M12	0121 N12	0130 O12	0139 P12	0148 Q12	0157 R12	0166 S12	0175 T12	0184 U12	0193 V12	0202 W12	0211 X12	0220 Y12	0229 Z12	0238 a12	0247 b12	0256 c12	0265 d12	0274 e12	0283 f12	0292 g12	0301 h12	0310 i12	0319 j12	0328 k12	0337 l12	0346 m12	0355 n12	
13	0012 A13	0023 B13	0032 C13	0041 D13	0050 E13	0059 F13	0068 G13	0077 I13	0086 J13	0095 K13	0104 L13	0113 M13	0122 N13	0131 O13	0140 P13	0149 Q13	0158 R13	0167 S13	0176 T13	0185 U13	0194 V13	0203 W13	0212 X13	0221 Y13	0230 Z13	0239 a13	0248 b13	0257 c13	0266 d13	0275 e13	0284 f13	0293 g13	0302 h13	0311 i13	0320 j13	0329 k13	0338 l13	0347 m13	0356 n13	
14	0013 A14	0024 B14	0033 C14	0042 D14	0051 E14	0060 F14	0069 G14	0078 I14	0087 J14	0096 K14	0105 L14	0114 M14	0123 N14	0132 O14	0141 P14	0150 Q14	0159 R14	0168 S14	0177 T14	0186 U14	0195 V14	0204 W14	0213 X14	0222 Y14	0231 Z14	0240 a14	0249 b14	0258 c14	0267 d14	0276 e14	0285 f14	0294 g14	0303 h14	0312 i14	0321 j14	0330 k14	0339 l14	0348 m14	0357 n14	
15	0014 A15	0025 B15	0034 C15	0043 D15	0052 E15	0061 F15	0070 G15	0079 I15	0088 J15	0097 K15	0106 L15	0115 M15	0124 N15	0133 O15	0142 P15	0151 Q15	0160 R15	0169 S15	0178 T15	0187 U15	0196 V15	0205 W15	0214 X15	0223 Y15	0232 Z15	0241 a15	0250 b15	0259 c15	0268 d15	0277 e15	0286 f15	0295 g15	0304 h15	0313 i15	0322 j15	0331 k15	0340 l15	0349 m15	0358 n15	
16	0015 A16	0026 B16	0035 C16	0044 D16	0053 E16	0062 F16	0071 G16	0080 I16	0089 J16	0098 K16	0107 L16	0116 M16	0125 N16	0134 O16	0143 P16	0152 Q16	0161 R16	0170 S16	0179 T16	0188 U16	0197 V16	0206 W16	0215 X16	0224 Y16	0233 Z16	0242 a16	0251 b16	0260 c16	0269 d16	0278 e16	0287 f16	0296 g16	0305 h16	0314 i16	0323 j16	0332 k16	0341 l16	0350 m16	0359 n16	
17	0016 A17	0027 B17	0036 C17	0045 D17	0054 E17	0063 F17	0072 G17	0081 I17	0090 J17	0099 K17	0108 L17	0117 M17	0126 N17	0135 O17	0144 P17	0153 Q17	0162 R17	0171 S17	0180 T17	0189 U17	0198 V17	0207 W17	0216 X17	0225 Y17	0234 Z17	0243 a17	0252 b17	0261 c17	0270 d17	0279 e17	0288 f17	0297 g17	0306 h17	0315 i17	0324 j17	0333 k17	0342 l17	0351 m17	0360 n17	
18	0017 A18	0028 B18	0037 C18	0046 D18	0055 E18	0064 F18	0073 G18	0082 I18	0091 J18	0100 K18	0109 L18	0118 M18	0127 N18	0136 O18	0145 P18	0154 Q18	0163 R18	0172 S18	0181 T18	0190 U18	0199 V18	0208 W18	0217 X18	0226 Y18	0235 Z18	0244 a18	0253 b18	0262 c18	0271 d18	0280 e18	0289 f18	0298 g18	0307 h18	0316 i18	0325 j18	0334 k18	0343 l18	0352 m18	0361 n18	
19	0018 A19	0029 B19	0038 C19	0047 D19	0056 E19	0065 F19	0074 G19	0083 I19	0092 J19	0101 K19	0110 L19	0119 M19	0128 N19	0137 O19	0146 P19	0155 Q19	0164 R19	0173 S19	0182 T19	0191 U19	0200 V19	0209 W19	0218 X19	0227 Y19	0236 Z19	0245 a19	0254 b19	0263 c19	0272 d19	0281 e19	0290 f19	0299 g19	0308 h19	0317 i19	0326 j19	0335 k19	0344 l19	0353 m19	0362 n19	
20	0019 A20	0030 B20	0039 C20	0048 D20	0057 E20	0066 F20	0075 G20	0084 I20	0093 J20	0102 K20	0111 L20	0120 M20	0129 N20	0138 O20	0147 P20	0156 Q20	0165 R20	0174 S20	0183 T20	0192 U20	0201 V20	0210 W20	0219 X20	0228 Y20	0237 Z20	0246 a20	0255 b20	0264 c20	0273 d20	0282 e20	0291 f20	0300 g20	0309 h20	0318 i20	0327 j20	0336 k20	0345 l20	0354 m20	0363 n20	
21	0020 A21	0031 B21	0040 C21	0049 D21	0058 E21	0067 F21	0076 G21	0085 I21	0094 J21	0103 K21	0112 L21	0121 M21	0130 N21	0139 O21	0148 P21	0157 Q21	0166 R21	0175 S21	0184 T21	0193 U21	0202 V21	0211 W21	0220 X21	0229 Y21	0238 Z21	0247 a21	0256 b21	0265 c21	0274 d21	0283 e21	0292 f21	0301 g21	0310 h21	0319 i21	0328 j21	0337 k21	0346 l21	0355 m21	0364 n21	
22	0021 A22	0032 B22	0041 C22	0050 D22	0059 E22	0068 F22	0077 G22	0086 I22	0095 J22	0104 K22	0113 L22	0122 M22	0131 N22	0140 O22	0149 P22	0158 Q22	0167 R22	0176 S22	0185 T22	0194 U22	0203 V22	0212 W22	0221 X22	0230 Y22	0239 Z22	0248 a22	0257 b22	0266 c22	0275 d22	0284 e22	0293 f22	0302 g22	0311 h22	0320 i22	0329 j22	0338 k22	0347 l22	0356 m22	0365 n22	
23	0022 A23	0033 B23	0042 C23	0051 D23	0060 E23	0069 F23	0078 G23	0087 I23	0096 J23	0105 K23	0114 L23	0123 M23	0132 N23	0141 O23	0150 P23	0159 Q23	0168 R23	0177 S23	0186 T23	0195 U23	0204 V23	0213 W23	0222 X23	0231 Y23	0240 Z23	0249 a23	0258 b23	0267 c23	0276 d23	0285 e23	0294 f23	0303 g23	0312 h23	0321 i23	0330 j23	0339 k23	0348 l23	0357 m23	0366 n23	
24	0023 A24	0034 B24	0043 C24	0052 D24	0061 E24	0070 F24	0079 G24	0088 I24	0097 J24	0106 K24	0115 L24	0124 M24	0133 N24	0142 O24	0151 P24	0160 Q24	0169 R24	0178 S24	0187 T24	0196 U24	0205 V24	0214 W24	0223 X24	0232 Y24	0241 Z24	0250 a24	0259 b24	0268 c24	0277 d24	0286 e24	0295 f24	0304 g24	0313 h24	0322 i24	0331 j24	0340 k24	0349 l24	0358 m24	0367 n24	
25	0024 A25	0035 B25	0044 C25	0053 D25	0062 E25	0071 F25	0080 G25	0089 I25	0098 J25	0107																														

<http://farbe.li.tu-berlin.de/fel9/fel910fa.txt> /.ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel9/fel9.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-fel9/fel910fa.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	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

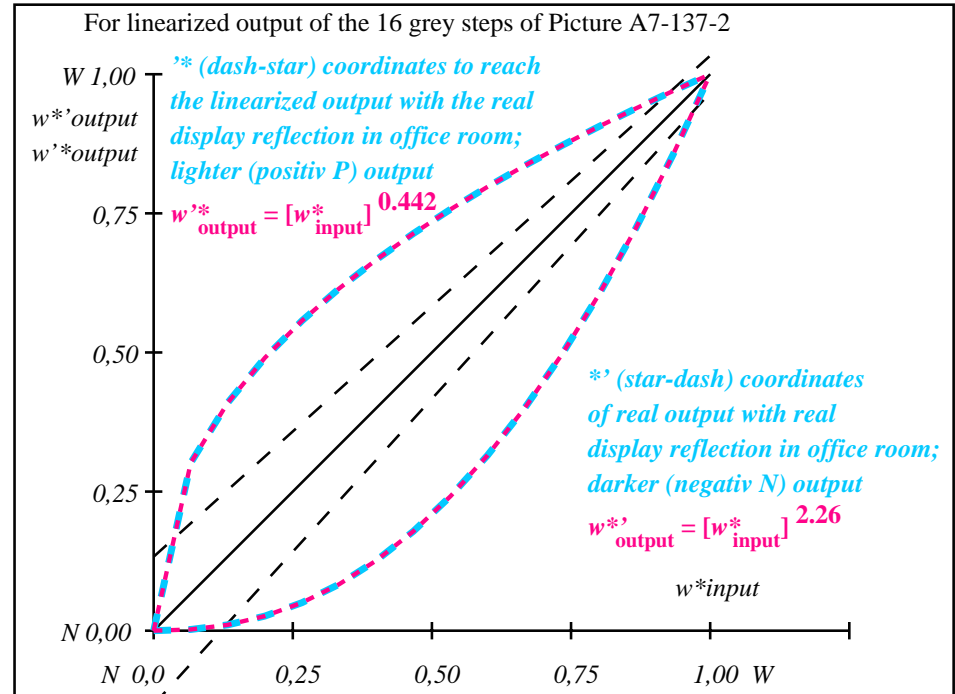
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

fel90-3N-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fel91-3N-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

fel90-7N-137-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

TUB-test chart fel9; fel9: In-output relation according to ISO 9241-306; 1MR, DEH00n/w/cmy0/rgb
Viewing Y contrast $Y_W:Y_N=88,9:40$; Y_N range 30 to <60, D-HDR; $\gamma_R=1,0$ $\rightarrow rgb^*_{de}$, 137-2: