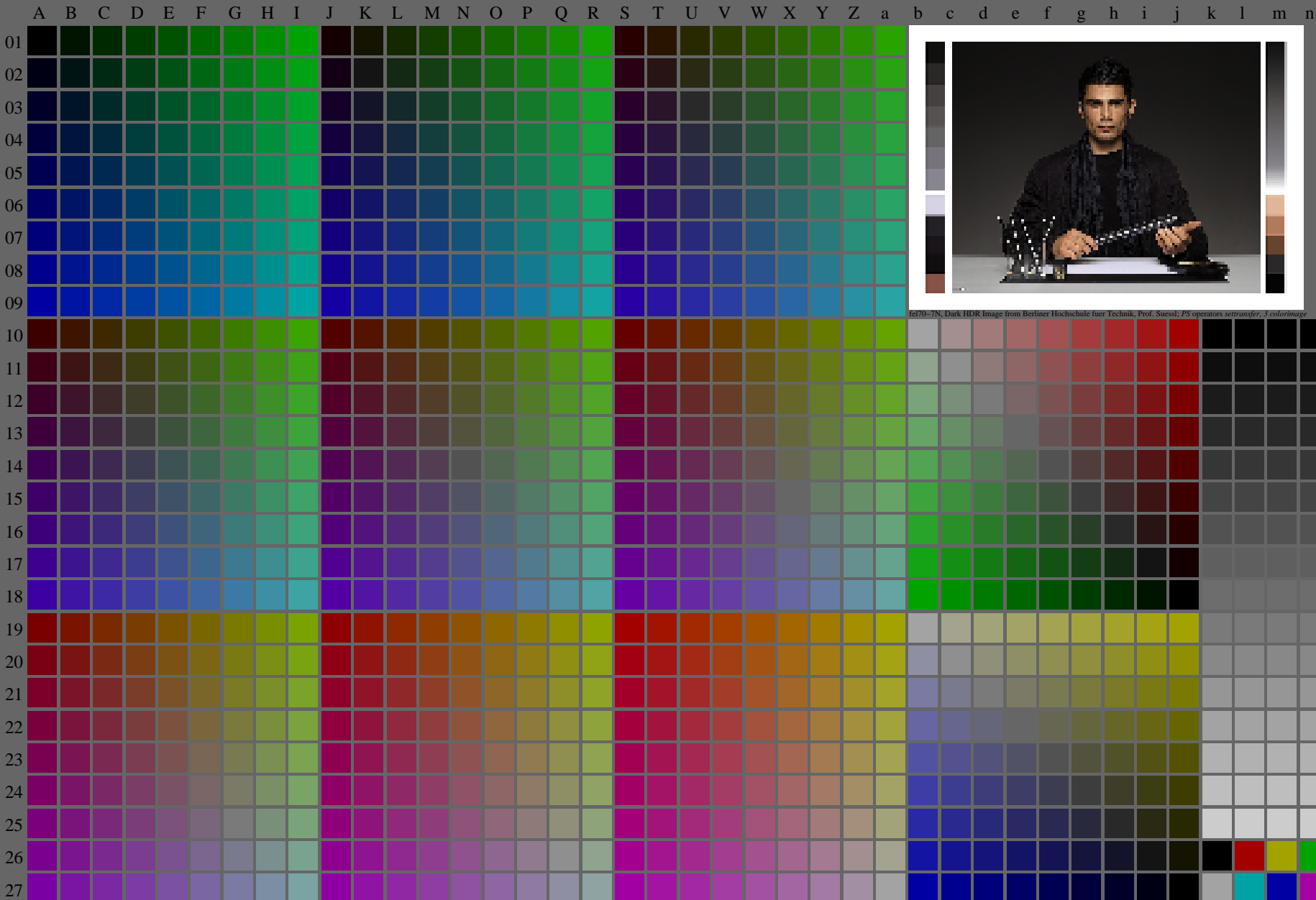


<http://farbe.li.tu-berlin.de/fel7/fel710fa.txt/.ps>; only vector graphic VG; start output
see separate images of this page: <http://farbe.li.tu-berlin.de/fel7/fel7.htm>

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

TUB registration: 20240301-fel7/fel710fa.txt/.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta



fel70-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^* (A_n)$, $colorm = 1$, $xchart = 0$, $pchart = 0$

TUB-test chart fel7; fel7: Test chart ul_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=0,8$
-> $rgb^*_d, 130-0$:

<http://farbe.li.tu-berlin.de/fel7/fel710fa.txt> /.ps; only vector graphic VG; start output
 see separate images of this page: <http://farbe.li.tu-berlin.de/fel7/fel7.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-fel7/fel710fa.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

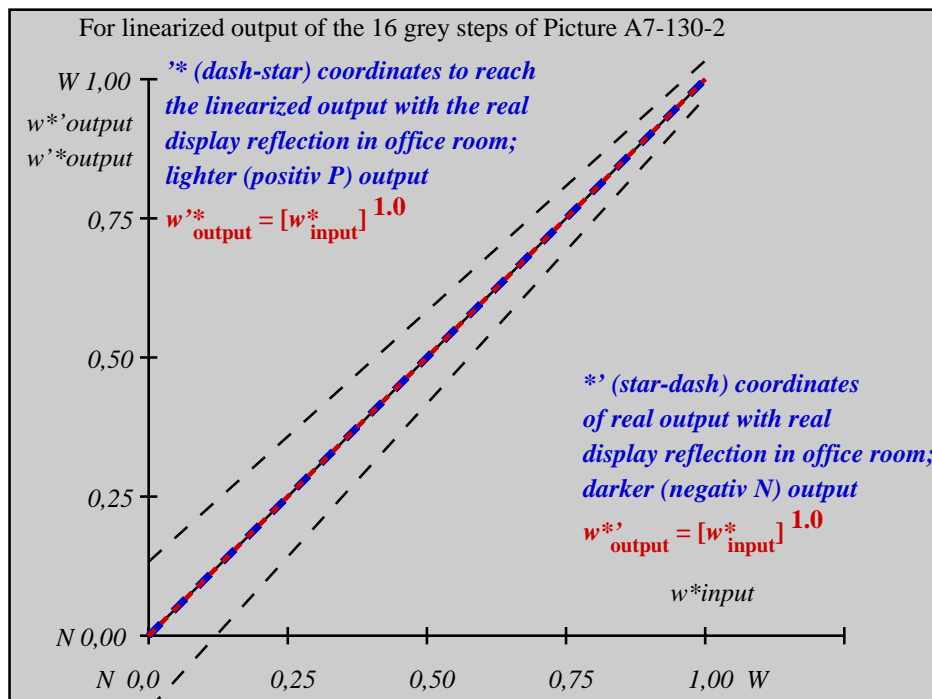
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

fel70-3N-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fel71-3N-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (absolute)	0.0/0.0	6.4/0.7	12.7/1.5	19.1/2.8	25.4/4.6	31.8/7.0	38.2/10.2	44.5/14.2	50.9/19.2	57.2/25.2	63.6/32.3	70.0/40.7	76.3/50.4	82.7/61.6	89.0/74.3	95.4/88.6
$w^* w^* w^*$ setrgb gp=1.0																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^* = l^*$ (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

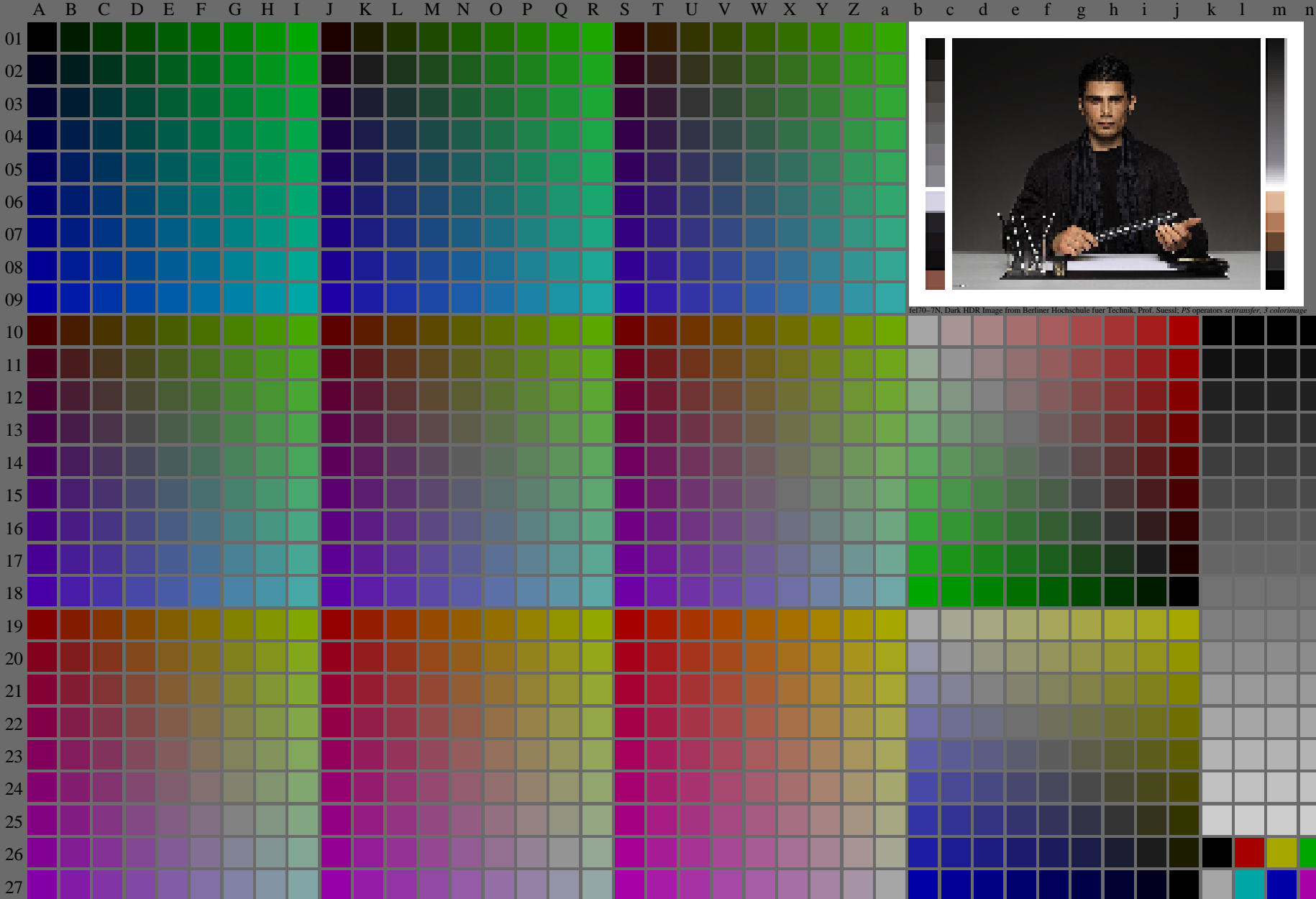
fel70-7N-130-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

TUB-test chart fel7; fel7: In-output relation according to ISO 9241-306; 1MR, DH 000n/w/cmy0/rgb
 Viewing Y contrast $Y_W:Y_N=88,9:0,31$; Y_N range 0,0 to <0,46, D-HDR; $\gamma_R=0,8$ ->rgb*d, 130-2:

<http://farbe.li.tu-berlin.de/fel7/fel710fa.txt/.ps>; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel7/fel7.htm>

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

TUB registration: 20240301-fel7/fel710fa.txt/.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta



fel70-7N, Dark HDR Image from Berliner Hochschule fuer Technik, Prof. Suessl; PS operators settransfer_3 colorImage

fel70-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^* (A_n)$, $colorm = 1$, $xchart = 1$, $pchart = 0$

TUB-test chart fel7; fel7: Test chart ul_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=0,8$
-> $rgb^*_d, 131-0$:

<http://farbe.li.tu-berlin.de/fel7/fel710fa.txt> /.ps; only vector graphic VG;
 see separate images of this page: <http://farbe.li.tu-berlin.de/fel7/fel7.htm>

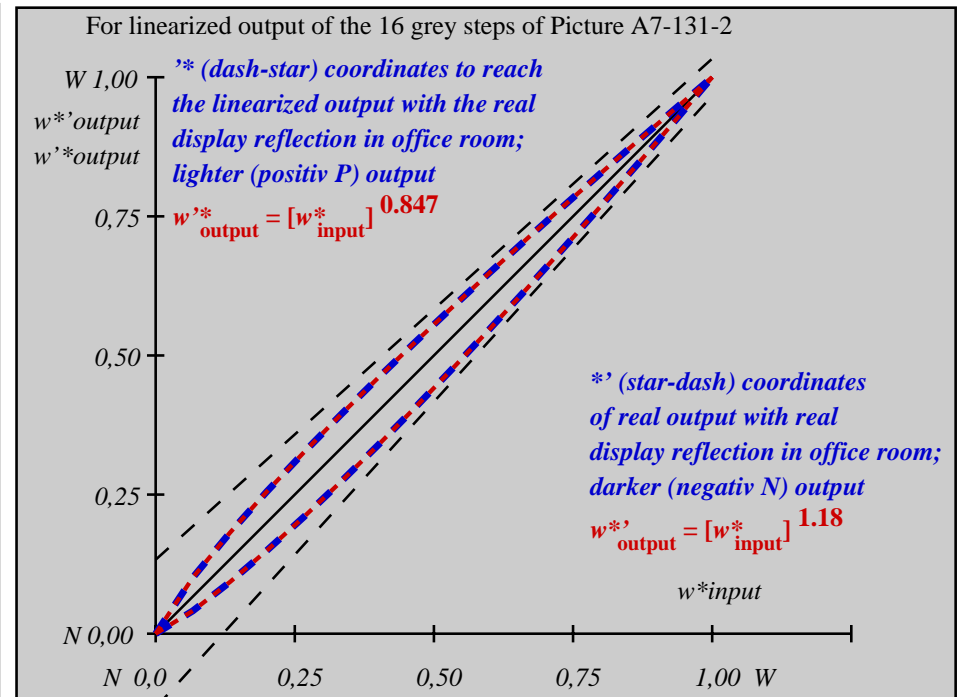
see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fels.htm>
 technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>
 or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fel7/fel710fa.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	5.69	0.0	0.0	5.69	0.0	Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G
2	11.67	0.0	0.1	14.73	0.0	
3	17.65	0.0	0.18	21.96	0.0	
4	23.63	0.0	0.26	28.63	0.0	
5	29.62	0.0	0.33	34.96	0.0	
6	35.6	0.0	0.39	41.05	0.0	
7	41.58	0.0	0.46	46.96	0.0	
8	47.56	0.0	0.52	52.72	0.0	
9	53.54	0.0	0.59	58.36	0.0	
10	59.52	0.0	0.65	63.88	0.0	
11	65.5	0.0	0.71	69.32	0.0	
12	71.48	0.0	0.77	74.67	0.0	
13	77.47	0.0	0.83	79.95	0.0	
14	83.45	0.0	0.89	85.16	0.0	
15	89.43	0.0	0.94	90.31	0.0	
16	95.41	0.0	1.0	95.41	0.0	
17	5.69	0.0	0.0	5.69	0.0	Mean lightness difference (16 steps)
18	28.12	0.0	0.31	33.4	0.0	$\Delta E^*_{CIELAB} = 3.4$
19	50.55	0.0	0.56	55.55	0.0	
20	72.98	0.0	0.78	76.0	0.0	Mean lightness difference (5 steps)
21	95.41	0.0	1.0	95.41	0.0	$\Delta L^*_{CIELAB} = 2.7$

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

fel70-3N-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fel71-3N-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^*_{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	0,082	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

fel70-7N-131-2: 16 visual equidistant L^* -grey steps; PS operator: $w^*_{setrgbcolor}$

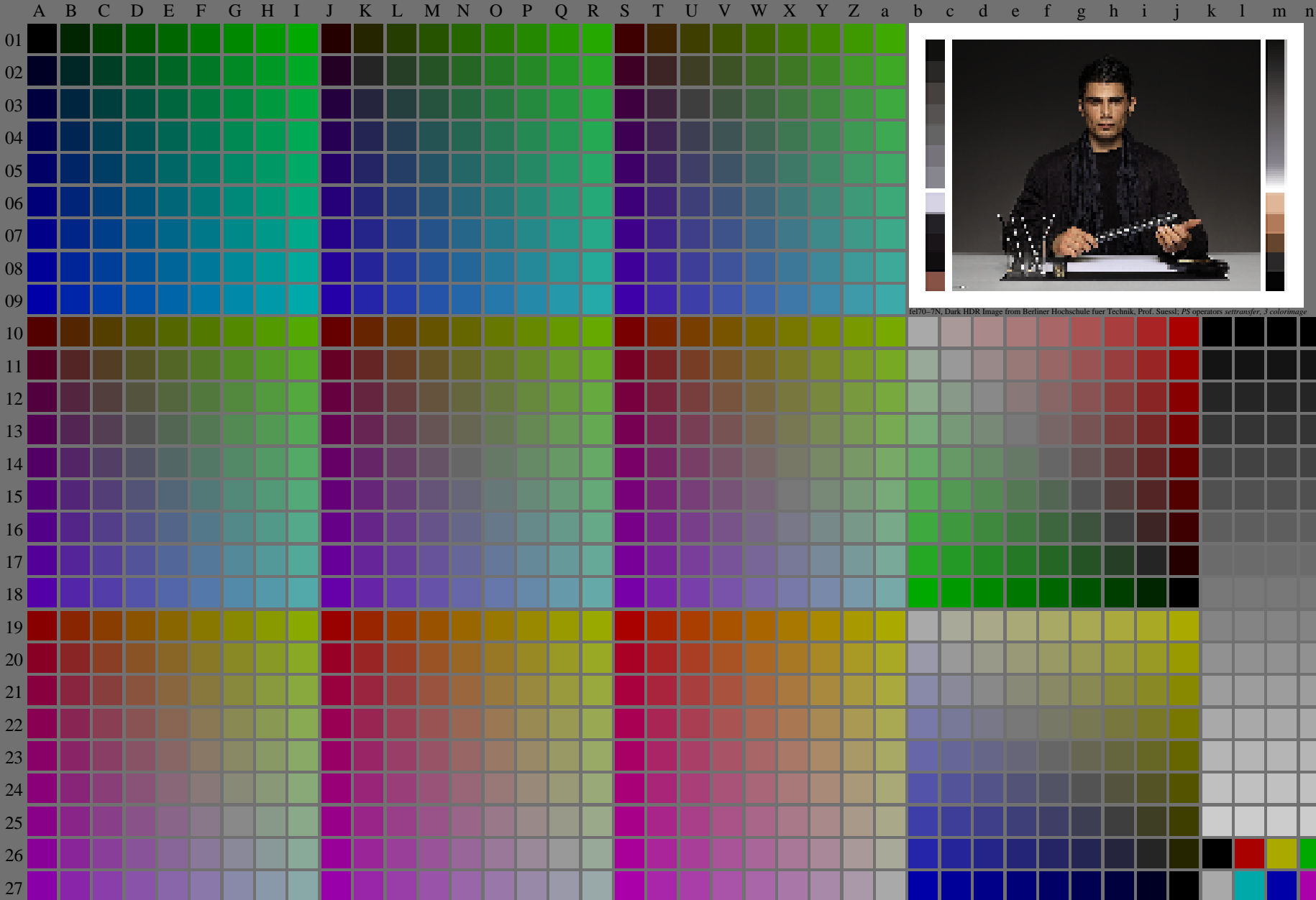
TUB-test chart fel7; fel7: In-output relation according to ISO 9241-306; 1MR, DH 000n/w/cmy0/rgb
 Viewing Y contrast $Y_W:Y_N=88,9:0,62$; Y_N range 0,46 to <0,93, D-HDR; $\gamma_R=0,8 \rightarrow rgb^*_d, 131-2$

<http://farbe.li.tu-berlin.de/fel7/fel710fa.txt/.ps>; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel7/fel7.htm>

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

TUB registration: 20240301-fel7/fel710fa.txt/.ps
application for evaluation and measurement of display or print output

TUB material: code=rh4ta



fel70-7N, Dark HDR Image from Berliner Hochschule fuer Technik, Prof. Suessl; PS operators settransfer_3.colortImage

fel70-7N, 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 = 2, pchart = 0

TUB-test chart fel7; fel7: Test chart ul_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=0,8$
-> $rgb^*_d, 132-0$:

http://farbe.li.tu-berlin.de/fel7/fel7f10fa.txt / .ps; only vector graphic VG;
see separate images of this page: http://farbe.li.tu-berlin.de/fel7/fel7.htm

TUB registration: 20240301-fel7/fel7f10fa.txt / .ps
application for evaluation and measurement of display or print output
TUB material: code rha1ta

Table with 27 rows (01-27) and 100 columns (A-Z, a-z). Each cell contains a numerical value representing color calibration data for the fel7/fel7f10na color space.

fel70-70, Page 2/16, Test chart G with 40x27=1080 colours; digital equivalent 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*(A_j + k26_n27)$, $000n^*(k)$, $w^*(l)$, $nnn0^*(m)$, $www^*(n)$, $colorm = 1$, $xchart = 2$, $pchart = 1$

TUB-test chart fel7; fel7: Test chart ul_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equivalent 9 or 16 step colour scales, D-HDR; $\gamma_R=0,8$
->rgb* d, 132:1

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fels.htm>
technical information: <http://farbe.li.tu-berlin.de/AV33872E.htm>
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

<http://farbe.li.tu-berlin.de/fel7/fel710fa.txt> /.ps; only vector graphic VG;
 see separate images of this page: <http://farbe.li.tu-berlin.de/fel7/fel7.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-fel7/fel710fa.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

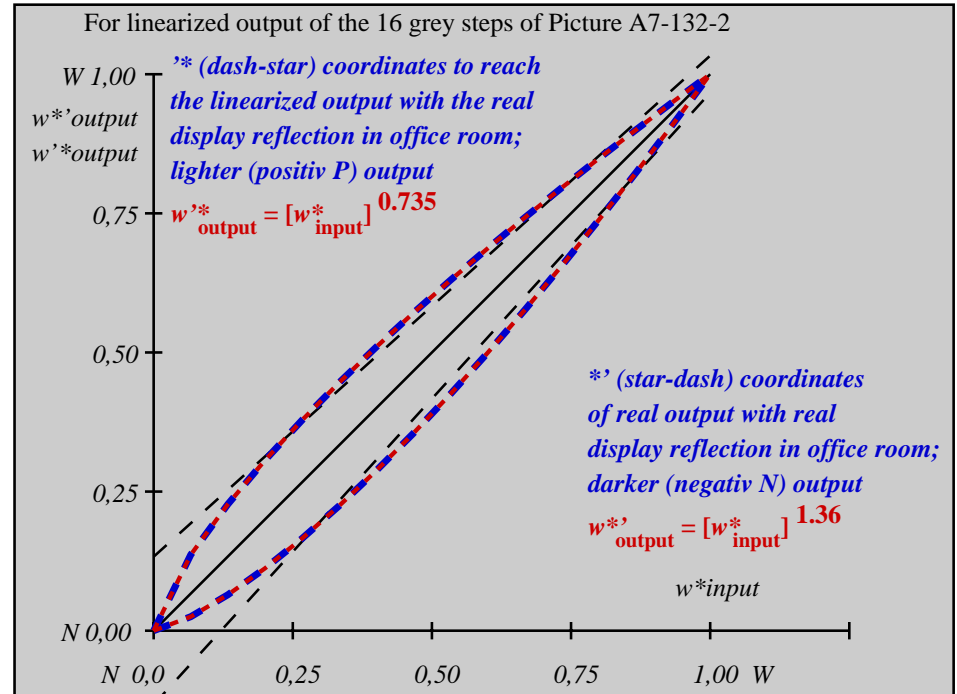
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

fel70-3N-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fel71-3N-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^*_{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	0,1	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

fel70-7N-132-2: 16 visual equidistant L^* -grey steps; PS operator: w^*_{setrgb} color

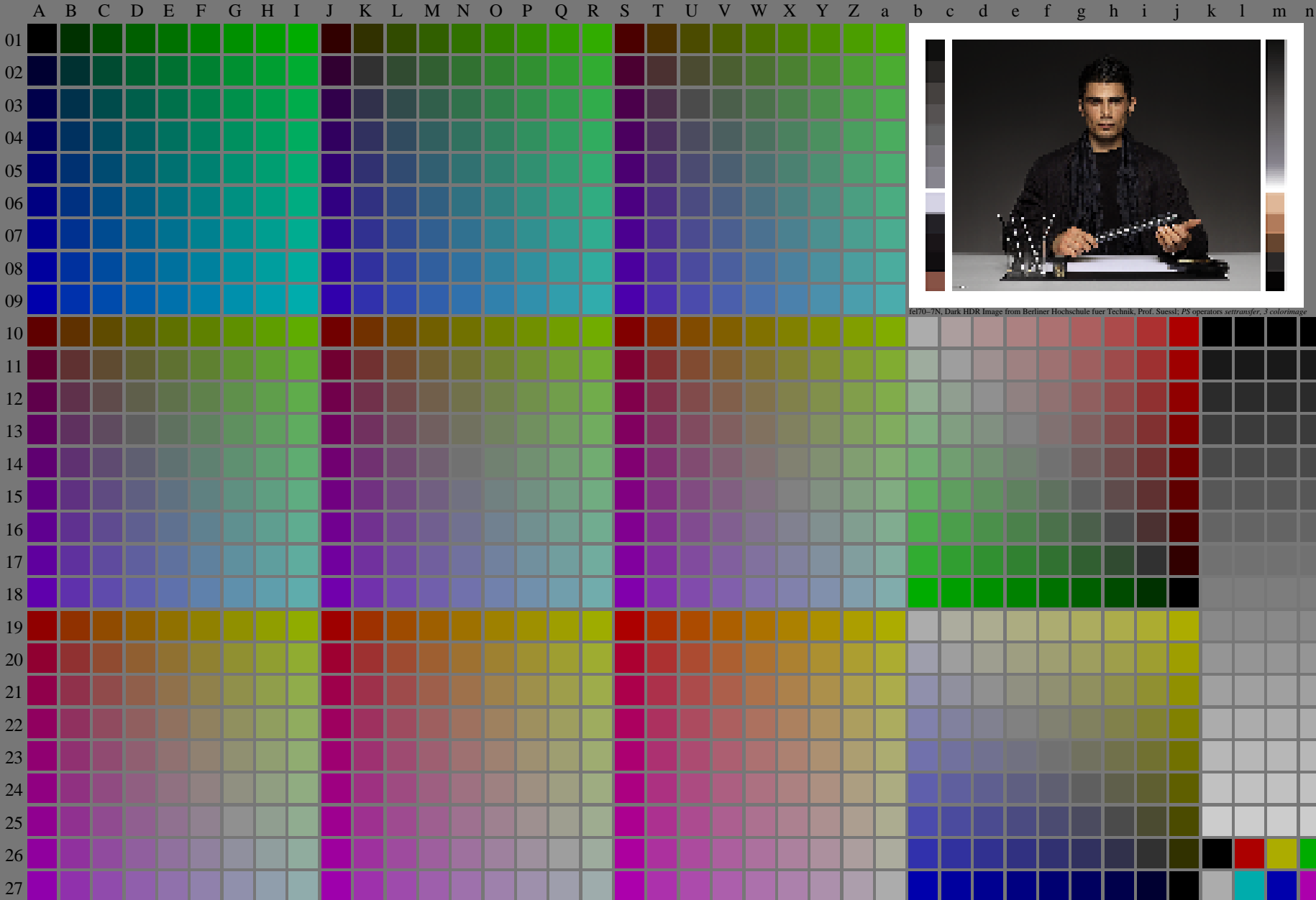
TUB-test chart fel7; fel7: In-output relation according to ISO 9241-306; 1MR, DH 000n/w/cmy0/rgb
 Viewing Y contrast $Y_W:Y_N=88,9:1,25$; Y_N range 0,93 to <1,87, D-HDR; $\gamma_R=0,8 \rightarrow rgb^*_d, 132-2$

<http://farbe.li.tu-berlin.de/fel7/fel710fa.txt> / .ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel7/fel7.htm>

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

TUB registration: 20240301-fel7/fel710fa.txt / .ps
application for evaluation and measurement of display or print output

TUB material: code=rh4ta



fel70-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*_d(A_n)$, $colorm = 1$, $xchart = 3$, $pchart = 0$

TUB-test chart fel7; fel7: Test chart ul_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=0,8$ $\rightarrow rgb^*_d, 133-0:$

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-fel7/fel710fa.txt /.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta

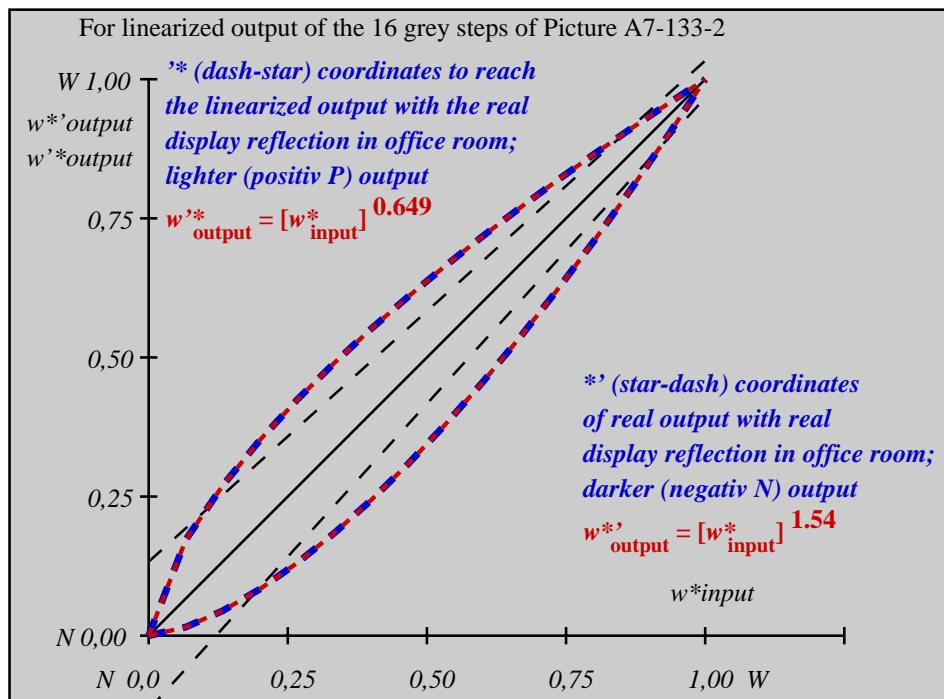
i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE^*	Start output S1
1	18.01	0.0	0.0	18.01	0.0	0.0
2	23.17	0.0	0.17	31.35	0.0	8.18
3	28.33	0.0	0.27	38.93	0.0	10.6
4	33.49	0.0	0.35	45.23	0.0	11.74
5	38.65	0.0	0.42	50.82	0.0	12.17
6	43.81	0.0	0.49	55.93	0.0	12.12
7	48.97	0.0	0.55	60.7	0.0	11.73
8	54.13	0.0	0.61	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: $R^*_{ab,m} = 67$

fel70-3N-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fel71-3N-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 $g_p=0.78$	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^* = l^*_{CIELAB, r}$ (relative)	0,000	0,067	0,133	0,200	0,267	0,333	0,400	0,467	0,533	0,600	0,667	0,733	0,800	0,867	0,933	1,000
$w^*_{intended}$	0,000	0,067	0,133	0,200	0,267	0,333	0,400	0,467	0,533	0,600	0,667	0,733	0,800	0,867	0,933	1,000
w^*_{out}	0,0	0,123	0,209	0,287	0,359	0,426	0,492	0,554	0,614	0,673	0,731	0,786	0,841	0,895	0,948	1,0

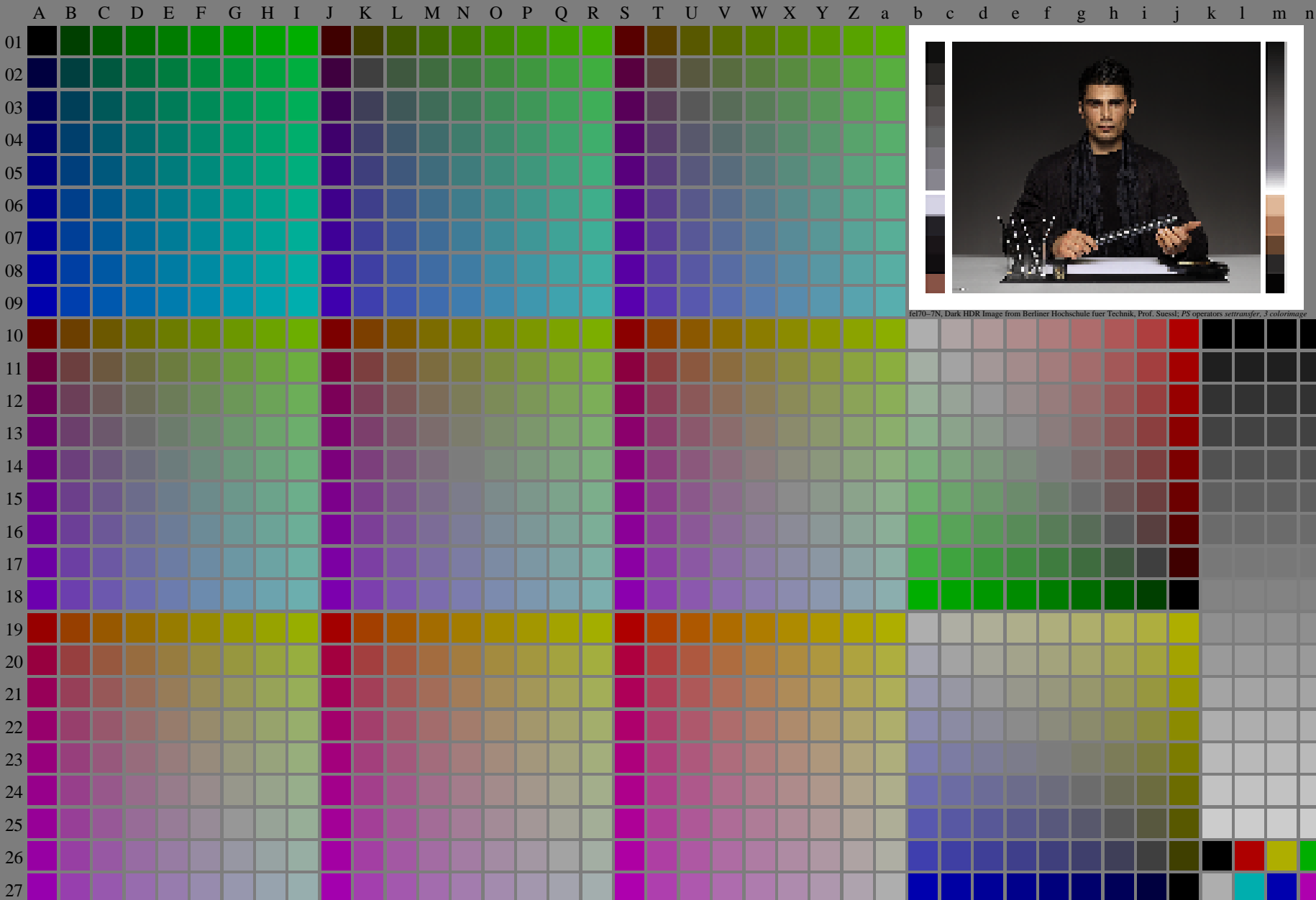
fel70-7N-133-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*_{setrgbcolor}$

TUB-test chart fel7; fel7: In-output relation according to ISO 9241-306; 1MR, DH 000n/w/cmy0/rgb
Viewing Y contrast $Y_W:Y_N=88,9:2,5$; Y_N range 1,87 to <3,75, D-HDR; $\gamma_R=0,8$ ->rgb*d, 133-2:

<http://farbe.li.tu-berlin.de/fel7/fel710fa.txt/.ps>; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel7/fel7.htm>

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

TUB registration: 20240301-fel7/fel710fa.txt/.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta



fel70-7N, 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 fel7; fel7: Test chart ul_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=0,8$
-> rgb^*_d , 134-0:

http://farbe.li.tu-berlin.de/fel7/fel7f10a.txt /ps; only vector graphic VG;
see separate images of this page: http://farbe.li.tu-berlin.de/fel7/fel7.htm

TUB registration: 20240301-fel7/fel7f10a.txt /ps
application for evaluation and measurement of display or print output
TUB material: code rha4ta

see similar files of the whole serie: http://farbe.li.tu-berlin.de/fels.htm
technical information: http://farbe.li.tu-berlin.de/A/3872E.html
or http://standards.iso.org/iso/9241/306/ed-2/index.html

Table with 27 rows (01-27) and 100 columns (A-Z, a-z). Each cell contains a 3x3 color calibration chart (0000 A01 to 0000 Z01) and a corresponding numerical color code (e.g., 0.00 0.00 0.00 for A01).

fel70-70, 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 - N01), 000n*(k), w*(l), nnn0*(m), www*(n), colors = 1, xchart = 1

TUB-test chart fel7; fel7: Test chart ul_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equivalent 9 or 16 step colour scales, D-HDR; $\gamma_R=0,8 \rightarrow rgb^*_d, 134:1$

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.html>
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fel7/fel710fa.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

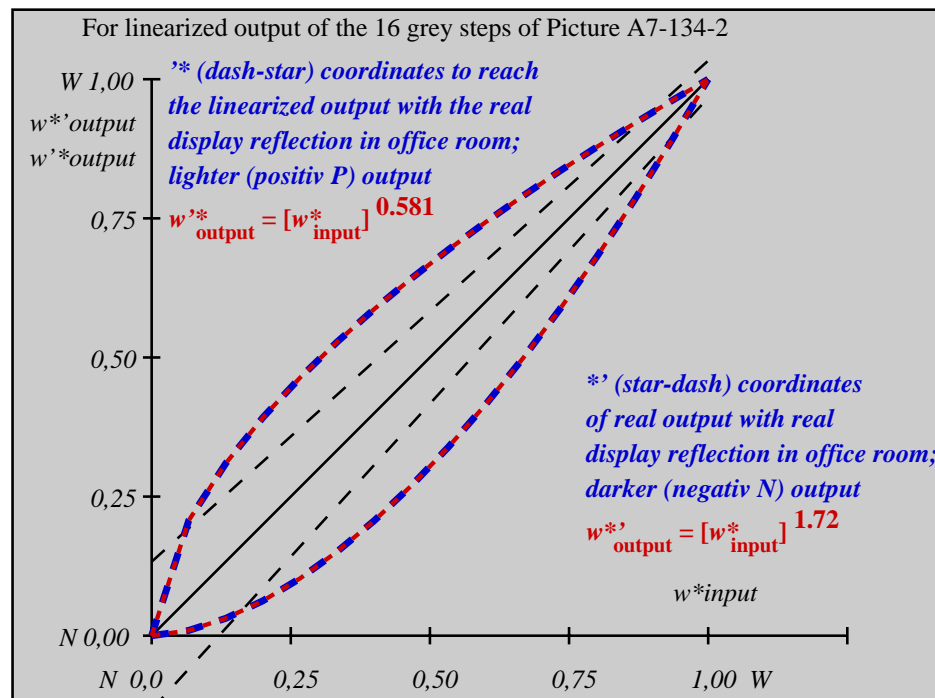
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

fel70-3N-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fel71-3N-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^*_{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	0,151	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

fel70-7N-134-2: 16 visual equidistant L^* -grey steps; PS operator: $w^*_{setrgbcolor}$

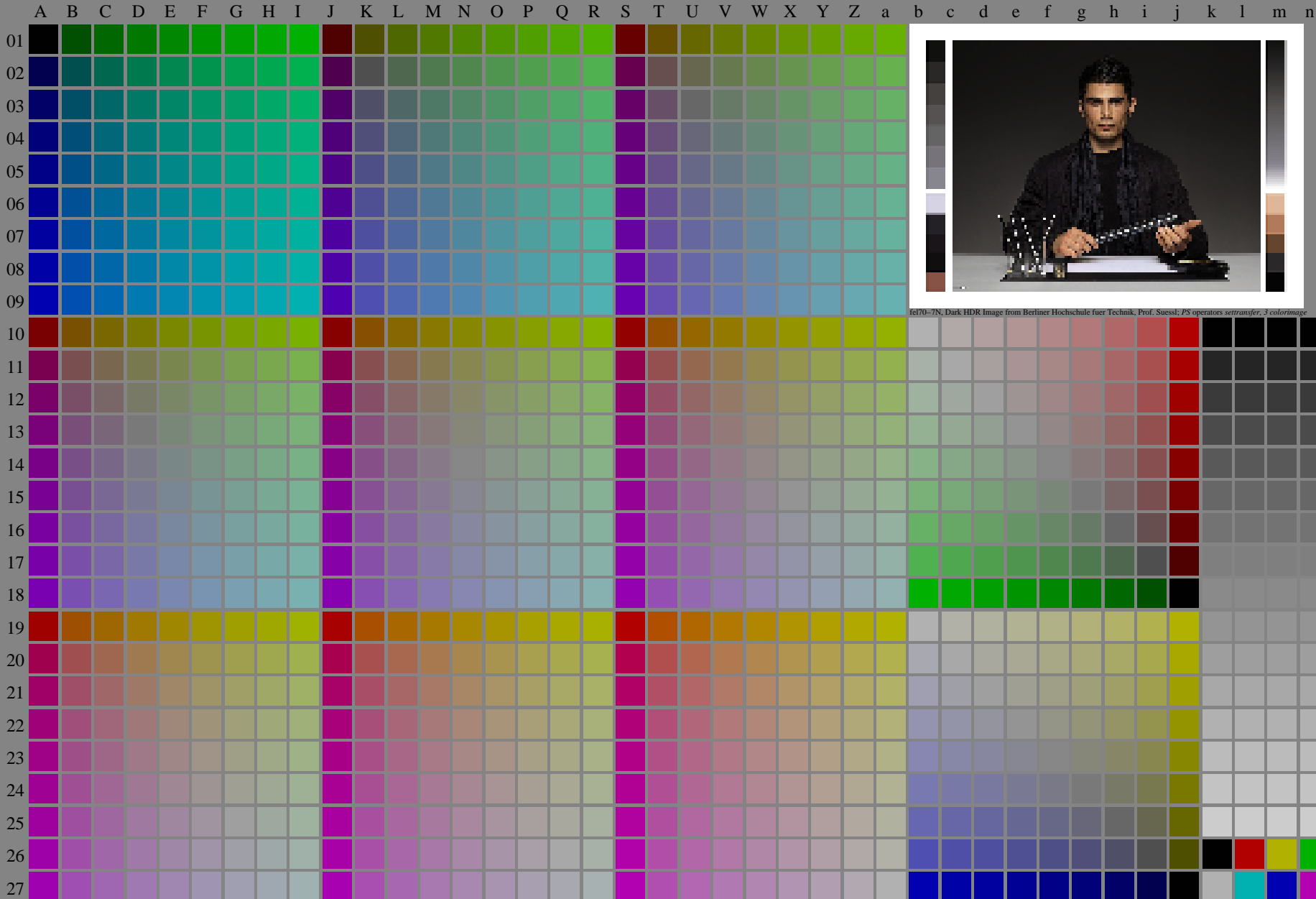
TUB-test chart fel7; fel7: In-output relation according to ISO 9241-306; 1MR, DH 000n/w/cmy0/rgb
Viewing Y contrast $Y_W:Y_N=88,9:5$; Y_N range 3,75 to <7,5, D-HDR; $\gamma_R=0,8$ ->rgb*d, 134-2:

<http://farbe.li.tu-berlin.de/fel7/fel710fa.txt> /.ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel7/fel7.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-fel7/fel710fa.txt /.ps
application for evaluation and measurement of display or print output

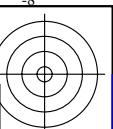
TUB material: code=rh4ta



fel70-7N, 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 fel7; fel7: Test chart ul_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=0,8$
-> $rgb^*_d, 135-0$:

http://farbe.li.tu-berlin.de/fel7/fel170fa.txt /.ps; only vector graphic VG;
see separate images of this page: http://farbe.li.tu-berlin.de/fel7/fel7.htm



TUB registration: 20240301-fel7/fel710fa.txt /.ps
application for evaluation and measurement of display or print output

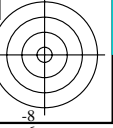


Table with 27 rows (01-27) and 100 columns (A-Z, a-z). Each cell contains a numerical value representing color data for a specific row and column combination.

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

fel70-70, Page 2/16, Test chart G with 40x27=1080 colours; digital equivalent in A-n; rbg*(A_j + k26_n27), 000n*(k), w*(l), nnn0*(m), www*(n), colorm = 1, xchart = 5, pchart = 1

TUB-test chart fel7; fel7: Test chart ul_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equivalent 9 or 16 step colour scales, D-HDR; $\gamma_R=0,8$
→rgb*_d, 135:1

TUB material: code rha1ta

<http://farbe.li.tu-berlin.de/fel7/fel710fa.txt> /.ps; only vector graphic VG;
 see separate images of this page: <http://farbe.li.tu-berlin.de/fel7/fel7.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-fel7/fel710fa.txt /.ps
 application for evaluation and measurement of display or print output
 TUB material: code=rh4ta

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

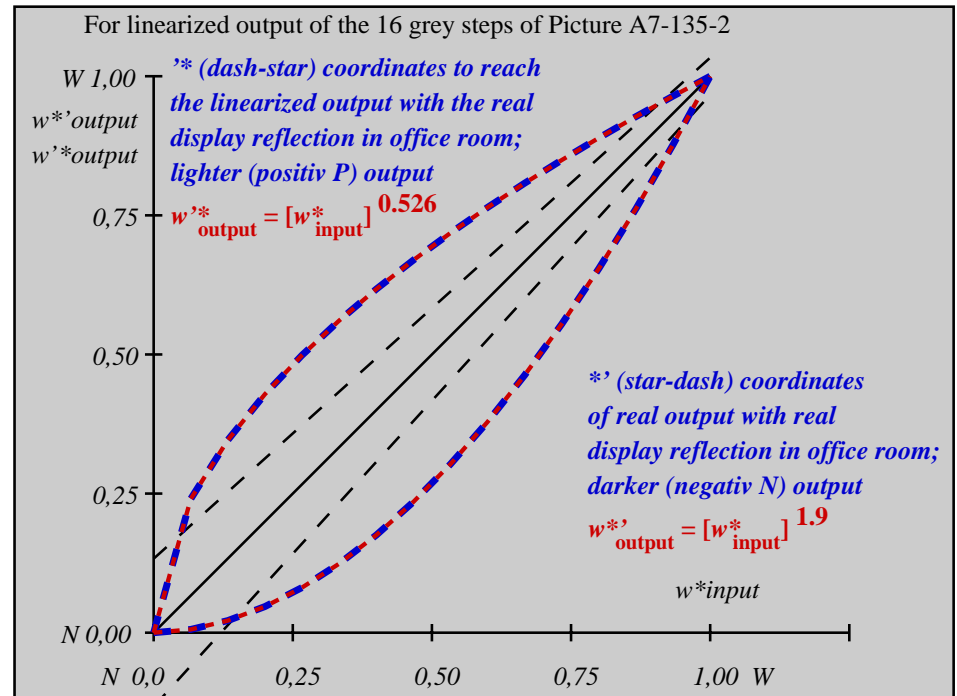
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

fel70-3N-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fel71-3N-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}	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

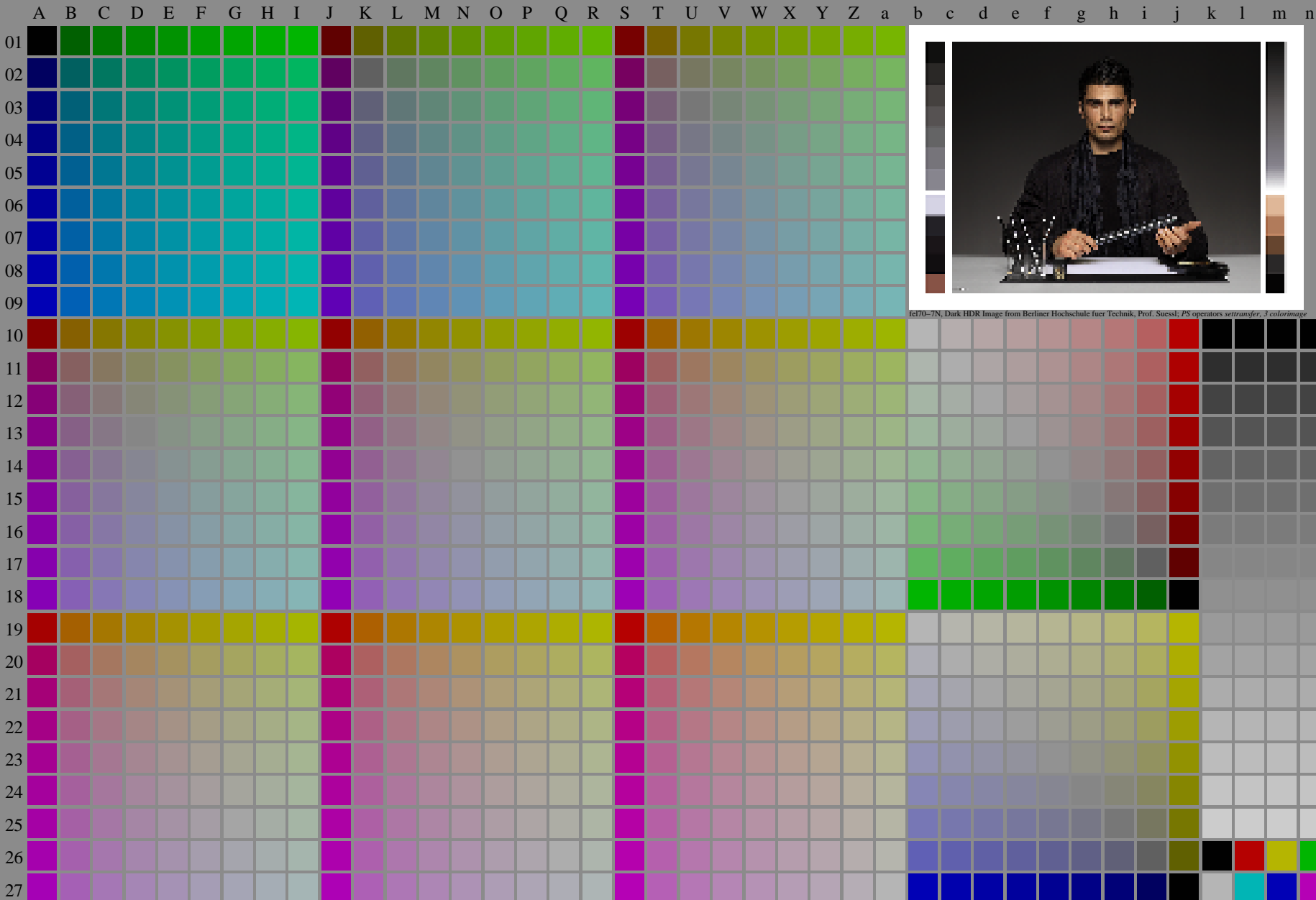
fel70-7N-135-2: 16 visual equidistant L^* -grey steps; PS operator: w^*_{setrgb} color

TUB-test chart fel7; fel7: In-output relation according to ISO 9241-306; 1MR, DH 000n/w/cmy0/rgb
 Viewing Y contrast $Y_W:Y_N=88,9:10$; Y_N range 7,5 to <15, D-HDR; $\gamma_R=0,8$ -> $rgb^*_d, 135-2$

<http://farbe.li.tu-berlin.de/fel7/fel710fa.txt> /.ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel7/fel7.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-fel7/fel710fa.txt /.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta



fel70-7N, Dark HDR Image from Berliner Hochschule fuer Technik, Prof. Suessli; PS operators settransfer, 3 colorImage

fel70-7N, 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 fel7; fel7: Test chart ul_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=0,8$
-> rgb^*_d , 136-0:

http://farbe.li.tu-berlin.de/fel7/fel710fa.txt / .ps; only vector graphic VG;
see separate images of this page: http://farbe.li.tu-berlin.de/fel7/fel71.htm

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

TUB registration: 20240301-fel7/fel710fa.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
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	0000 A02	0009 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	0000 A03	0001 B03	0010 C03	0019 D03	0028 E03	0037 F03	0046 G03	0055 H03	0064 I03	0073 J03	0082 K03	0091 L03	0100 M03	0109 N03	0118 O03	0127 P03	0136 Q03	0145 R03	0154 S03	0163 T03	0172 U03	0181 V03	0190 W03	0199 X03	0208 Y03	0217 Z03	0226 a03	0235 b03	0244 c03	0253 d03	0262 e03	0271 f03	0280 g03	0289 h03	0298 i03	0307 j03	0316 k03	0325 l03	0334 m03	0343 n03
04	0000 A04	0001 B04	0010 C04	0019 D04	0028 E04	0037 F04	0046 G04	0055 H04	0064 I04	0073 J04	0082 K04	0091 L04	0100 M04	0109 N04	0118 O04	0127 P04	0136 Q04	0145 R04	0154 S04	0163 T04	0172 U04	0181 V04	0190 W04	0199 X04	0208 Y04	0217 Z04	0226 a04	0235 b04	0244 c04	0253 d04	0262 e04	0271 f04	0280 g04	0289 h04	0298 i04	0307 j04	0316 k04	0325 l04	0334 m04	0343 n04
05	0000 A05	0001 B05	0010 C05	0019 D05	0028 E05	0037 F05	0046 G05	0055 H05	0064 I05	0073 J05	0082 K05	0091 L05	0100 M05	0109 N05	0118 O05	0127 P05	0136 Q05	0145 R05	0154 S05	0163 T05	0172 U05	0181 V05	0190 W05	0199 X05	0208 Y05	0217 Z05	0226 a05	0235 b05	0244 c05	0253 d05	0262 e05	0271 f05	0280 g05	0289 h05	0298 i05	0307 j05	0316 k05	0325 l05	0334 m05	0343 n05
06	0000 A06	0001 B06	0010 C06	0019 D06	0028 E06	0037 F06	0046 G06	0055 H06	0064 I06	0073 J06	0082 K06	0091 L06	0100 M06	0109 N06	0118 O06	0127 P06	0136 Q06	0145 R06	0154 S06	0163 T06	0172 U06	0181 V06	0190 W06	0199 X06	0208 Y06	0217 Z06	0226 a06	0235 b06	0244 c06	0253 d06	0262 e06	0271 f06	0280 g06	0289 h06	0298 i06	0307 j06	0316 k06	0325 l06	0334 m06	0343 n06
07	0000 A07	0001 B07	0010 C07	0019 D07	0028 E07	0037 F07	0046 G07	0055 H07	0064 I07	0073 J07	0082 K07	0091 L07	0100 M07	0109 N07	0118 O07	0127 P07	0136 Q07	0145 R07	0154 S07	0163 T07	0172 U07	0181 V07	0190 W07	0199 X07	0208 Y07	0217 Z07	0226 a07	0235 b07	0244 c07	0253 d07	0262 e07	0271 f07	0280 g07	0289 h07	0298 i07	0307 j07	0316 k07	0325 l07	0334 m07	0343 n07
08	0000 A08	0001 B08	0010 C08	0019 D08	0028 E08	0037 F08	0046 G08	0055 H08	0064 I08	0073 J08	0082 K08	0091 L08	0100 M08	0109 N08	0118 O08	0127 P08	0136 Q08	0145 R08	0154 S08	0163 T08	0172 U08	0181 V08	0190 W08	0199 X08	0208 Y08	0217 Z08	0226 a08	0235 b08	0244 c08	0253 d08	0262 e08	0271 f08	0280 g08	0289 h08	0298 i08	0307 j08	0316 k08	0325 l08	0334 m08	0343 n08
09	0000 A09	0001 B09	0010 C09	0019 D09	0028 E09	0037 F09	0046 G09	0055 H09	0064 I09	0073 J09	0082 K09	0091 L09	0100 M09	0109 N09	0118 O09	0127 P09	0136 Q09	0145 R09	0154 S09	0163 T09	0172 U09	0181 V09	0190 W09	0199 X09	0208 Y09	0217 Z09	0226 a09	0235 b09	0244 c09	0253 d09	0262 e09	0271 f09	0280 g09	0289 h09	0298 i09	0307 j09	0316 k09	0325 l09	0334 m09	0343 n09
10	0000 A10	0001 B10	0010 C10	0019 D10	0028 E10	0037 F10	0046 G10	0055 H10	0064 I10	0073 J10	0082 K10	0091 L10	0100 M10	0109 N10	0118 O10	0127 P10	0136 Q10	0145 R10	0154 S10	0163 T10	0172 U10	0181 V10	0190 W10	0199 X10	0208 Y10	0217 Z10	0226 a10	0235 b10	0244 c10	0253 d10	0262 e10	0271 f10	0280 g10	0289 h10	0298 i10	0307 j10	0316 k10	0325 l10	0334 m10	0343 n10
11	0000 A11	0001 B11	0010 C11	0019 D11	0028 E11	0037 F11	0046 G11	0055 H11	0064 I11	0073 J11	0082 K11	0091 L11	0100 M11	0109 N11	0118 O11	0127 P11	0136 Q11	0145 R11	0154 S11	0163 T11	0172 U11	0181 V11	0190 W11	0199 X11	0208 Y11	0217 Z11	0226 a11	0235 b11	0244 c11	0253 d11	0262 e11	0271 f11	0280 g11	0289 h11	0298 i11	0307 j11	0316 k11	0325 l11	0334 m11	0343 n11
12	0000 A12	0001 B12	0010 C12	0019 D12	0028 E12	0037 F12	0046 G12	0055 H12	0064 I12	0073 J12	0082 K12	0091 L12	0100 M12	0109 N12	0118 O12	0127 P12	0136 Q12	0145 R12	0154 S12	0163 T12	0172 U12	0181 V12	0190 W12	0199 X12	0208 Y12	0217 Z12	0226 a12	0235 b12	0244 c12	0253 d12	0262 e12	0271 f12	0280 g12	0289 h12	0298 i12	0307 j12	0316 k12	0325 l12	0334 m12	0343 n12
13	0000 A13	0001 B13	0010 C13	0019 D13	0028 E13	0037 F13	0046 G13	0055 H13	0064 I13	0073 J13	0082 K13	0091 L13	0100 M13	0109 N13	0118 O13	0127 P13	0136 Q13	0145 R13	0154 S13	0163 T13	0172 U13	0181 V13	0190 W13	0199 X13	0208 Y13	0217 Z13	0226 a13	0235 b13	0244 c13	0253 d13	0262 e13	0271 f13	0280 g13	0289 h13	0298 i13	0307 j13	0316 k13	0325 l13	0334 m13	0343 n13
14	0000 A14	0001 B14	0010 C14	0019 D14	0028 E14	0037 F14	0046 G14	0055 H14	0064 I14	0073 J14	0082 K14	0091 L14	0100 M14	0109 N14	0118 O14	0127 P14	0136 Q14	0145 R14	0154 S14	0163 T14	0172 U14	0181 V14	0190 W14	0199 X14	0208 Y14	0217 Z14	0226 a14	0235 b14	0244 c14	0253 d14	0262 e14	0271 f14	0280 g14	0289 h14	0298 i14	0307 j14	0316 k14	0325 l14	0334 m14	0343 n14
15	0000 A15	0001 B15	0010 C15	0019 D15	0028 E15	0037 F15	0046 G15	0055 H15	0064 I15	0073 J15	0082 K15	0091 L15	0100 M15	0109 N15	0118 O15	0127 P15	0136 Q15	0145 R15	0154 S15	0163 T15	0172 U15	0181 V15	0190 W15	0199 X15	0208 Y15	0217 Z15	0226 a15	0235 b15	0244 c15	0253 d15	0262 e15	0271 f15	0280 g15	0289 h15	0298 i15	0307 j15	0316 k15	0325 l15	0334 m15	0343 n15
16	0000 A16	0001 B16	0010 C16	0019 D16	0028 E16	0037 F16	0046 G16	0055 H16	0064 I16	0073 J16	0082 K16	0091 L16	0100 M16	0109 N16	0118 O16	0127 P16	0136 Q16	0145 R16	0154 S16	0163 T16	0172 U16	0181 V16	0190 W16	0199 X16	0208 Y16	0217 Z16	0226 a16	0235 b16	0244 c16	0253 d16	0262 e16	0271 f16	0280 g16	0289 h16	0298 i16	0307 j16	0316 k16	0325 l16	0334 m16	0343 n16
17	0000 A17	0001 B17	0010 C17	0019 D17	0028 E17	0037 F17	0046 G17	0055 H17	0064 I17	0073 J17	0082 K17	0091 L17	0100 M17	0109 N17	0118 O17	0127 P17	0136 Q17	0145 R17	0154 S17	0163 T17	0172 U17	0181 V17	0190 W17	0199 X17	0208 Y17	0217 Z17	0226 a17	0235 b17	0244 c17	0253 d17	0262 e17	0271 f17	0280 g17	0289 h17	0298 i17	0307 j17	0316 k17	0325 l17	0334 m17	0343 n17
18	0000 A18	0001 B18	0010 C18	0019 D18	0028 E18	0037 F18	0046 G18	0055 H18	0064 I18	0073 J18	0082 K18	0091 L18	0100 M18	0109 N18	0118 O18	0127 P18	0136 Q18	0145 R18	0154 S18	0163 T18	0172 U18	0181 V18	0190 W18	0199 X18	0208 Y18	0217 Z18	0226 a18	0235 b18	0244 c18	0253 d18	0262 e18	0271 f18	0280 g18	0289 h18	0298 i18	0307 j18	0316 k18	0325 l18	0334 m18	0343 n18
19	0000 A19	0001 B19	0010 C19	0019 D19	0028 E19	0037 F19	0046 G19	0055 H19	0064 I19	0073 J19	0082 K19	0091 L19	0100 M19	0109 N19	0118 O19	0127 P19	0136 Q19	0145 R19	0154 S19	0163 T19	0172 U19	0181 V19	0190 W19	0199 X19	0208 Y19	0217 Z19	0226 a19	0235 b19	0244 c19	0253 d19	0262 e19	0271 f19	0280 g19	0289 h19	0298 i19	0307 j19	0316 k19	0325 l19	0334 m19	0343 n19
20	0000 A20	0001 B20	0010 C20	0019 D20	0028 E20	0037 F20	0046 G20	0055 H20	0064 I20	0073 J20	0082 K20	0091 L20	0100 M20	0109 N20	0118 O20	0127 P20	0136 Q20	0145 R20	0154 S20	0163 T20	0172 U20	0181 V20	0190 W20	0199 X20	0208 Y20	0217 Z20	0226 a20	0235 b20	0244 c20	0253 d20	0262 e20	0271 f20	0280 g20	0289 h20	0298 i20	0307 j20	0316 k20	0325 l20	0334 m20	0343 n20
21	0000 A21	0001 B21	0010 C21	0019 D21	0028 E21	0037 F21	0046 G21	0055 H21	0064 I21	0073 J21	0082 K21	0091 L21	0100 M21	0109 N21	0118 O21	0127 P21	0136 Q21	0145 R21	0154 S21	0163 T21	0172 U21	0181 V21	0190 W21	0199 X21	0208 Y21	0217 Z21	0226 a21	0235 b21	0244 c21	0253 d21	0262 e21	0271 f21	0280 g21	0289 h21	0298 i21	0307 j21	0316 k21	0325 l21	0334 m21	0343 n21
22	0000 A22	0001 B22	0010 C22	0019 D22	0028 E22	0037 F22	0046 G22	0055 H22	0064 I22	0073 J22	0082 K22	0091 L22	0100 M22	0109 N22	0118 O22	0127 P22	0136 Q22	0145 R22	0154 S22	0163 T22	0172 U22	0181 V22	0190 W22	0199 X22	0208 Y22	0217 Z22	0226 a22	0235 b22	0244 c22	0253 d22	0262 e22	0271 f22	0280 g22	0289 h22	0298 i22	0307 j22	0316 k22	0325 l22	0334 m22	0343 n22
23	0000 A23	0001 B23	0010 C23	0019 D23	0028 E23	0037 F23	0046 G23	0055 H23	0064 I23	0073 J23	0082 K23	0091 L23	0100 M23	0109 N23	0118 O23	0127 P23	0136 Q23	0145 R23	0154 S23	0163 T23	0172 U23	0181 V23	0190 W23	0199 X23	0208 Y23	0217 Z23	0226 a23	0235 b23	0244 c23	0253 d23	0262 e23	0271 f23	0280 g23	0289 h23	0298 i23	0307 j23	0316 k23	0325 l23	0334 m23	0343 n23
24	0000 A24	0001 B24	0010 C24	0019 D24	0028 E24	0037 F24	0046 G24	0055 H24	0064 I24	0073 J24	0082 K24	0091 L24	0100 M24	0109 N24	0118 O24	0127 P24	0136 Q24	0145 R24	0154 S24	0163 T24	0172 U24	0181 V24	0190 W24	0199 X24	0208 Y24	0217 Z24	0226 a24	0235 b24	0244 c24	0253 d24	0262 e24	0271 f24	0280 g24	0289 h24	0298 i24	0307 j24	0316 k24	0325 l24	0334 m24	0343 n24
25																																								

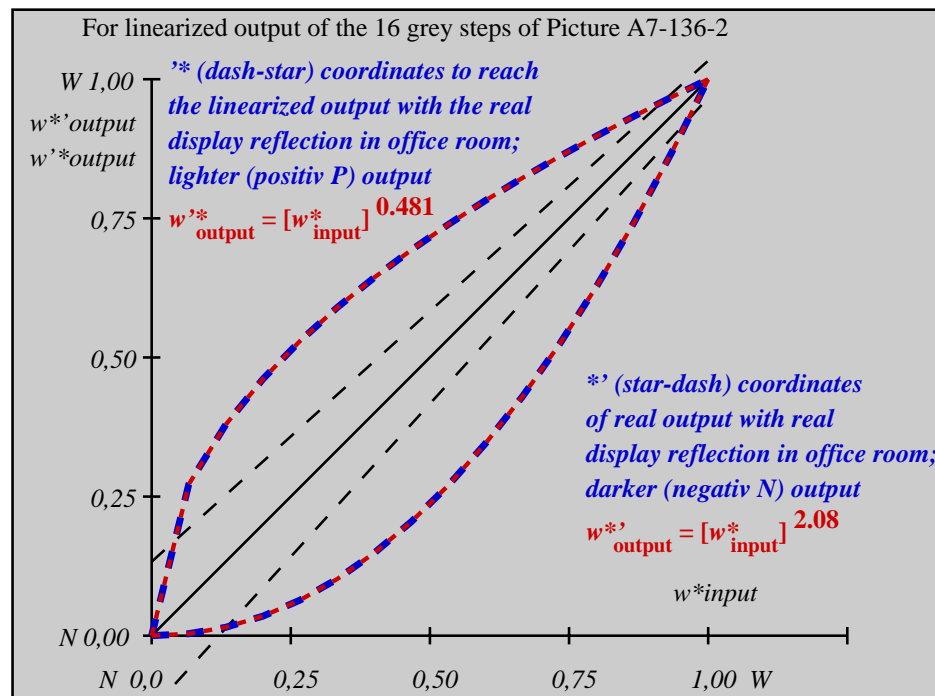
see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fels.htm>
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fel7/fel710fa.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	Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G
2	54.91	0.0	0.27	63.82	0.0	
3	57.8	0.0	0.38	68.49	0.0	
4	60.7	0.0	0.46	72.03	0.0	
5	63.59	0.0	0.53	75.0	0.0	
6	66.48	0.0	0.59	77.61	0.0	
7	69.37	0.0	0.64	79.95	0.0	
8	72.27	0.0	0.69	82.1	0.0	
9	75.16	0.0	0.74	84.09	0.0	
10	78.05	0.0	0.78	85.96	0.0	
11	80.95	0.0	0.82	87.72	0.0	
12	83.84	0.0	0.86	89.4	0.0	
13	86.73	0.0	0.9	91.0	0.0	
14	89.62	0.0	0.93	92.53	0.0	
15	92.52	0.0	0.97	93.99	0.0	Mean lightness difference (16 steps)
16	95.41	0.0	1.0	95.41	0.0	$\Delta E^*_{CIELAB} = 7.0$
17	52.02	0.0	0.0	52.02	0.0	
18	62.87	0.0	0.51	74.3	0.0	
19	73.71	0.0	0.72	83.11	0.0	
20	84.56	0.0	0.87	89.81	0.0	Mean lightness difference (5 steps)
21	95.41	0.0	1.0	95.41	0.0	$\Delta L^*_{CIELAB} = 5.2$

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

fel70-3N-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fel71-3N-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																
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
$w^* = l^*_{CIELAB, r}$ (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	0,226	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

fel70-7N-136-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

TUB-test chart fel7; fel7: In-output relation according to ISO 9241-306; 1MR, DH 000n/w/cmy0/rgb
Viewing Y contrast $Y_W:Y_N=88,9:20$; Y_N range 15 to <30, D-HDR; $\gamma_R=0,8$ ->rgb*d, 136-2:

<http://farbe.li.tu-berlin.de/fel7/fel710fa.txt> /.ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel7/fel7.htm>

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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-fel7/fel710fa.txt /.ps
application for evaluation and measurement of display or print output

TUB material: code=rh4ta



fel70-7N, 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 fel7; fel7: Test chart ul_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=0,8$ $\rightarrow rgb^*_d, 137-0:$

<http://farbe.li.tu-berlin.de/fel7/fel710fa.txt> ;.ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel7/fel7.htm>

TUB registration: 20240301-fel7/fel710fa.txt/.ps
application for evaluation and measurement of display or print output
TUB material: code rhAra

Table with 28 columns (A-Z) and 28 rows (01-27). Each cell contains a 3x3 color calibration chart with numerical values for colorimetric parameters. The data is organized into a grid where each row and column represents a specific color patch and its corresponding colorimetric data.

fel7-10, Page 2/16, Test chart G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^* (A_j + k26_n27)$, $000n^* (k)$, $w^* (l)$, $nnn0^* (m)$, $www^* (n)$, $colorm = 1$, $xchart = 1$
TUB-test chart fel7; fel7: Test chart ul_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=0,8$
 $\rightarrow rgb^*_d, 137-1$

I=1371

$Cy1(2,25;1): gp=0.47; \gamma_N=1.0$ <http://farbe.li.tu-berlin.de/fel7/fel71px.pdf> in .ps

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/A/33872E.html>
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/fel7/fel710fa.txt> /.ps; only vector graphic VG;
 see separate images of this page: <http://farbe.li.tu-berlin.de/fel7/fel7.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-fel7/fel710fa.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	0.0	69.7 0.0 0.0	0.01
2	71.41	0.0	0.3	77.46 0.0 0.0	6.04
3	73.13	0.0	0.41	80.24 0.0 0.0	7.11
4	74.84	0.0	0.49	82.31 0.0 0.0	7.47
5	76.55	0.0	0.56	84.02 0.0 0.0	7.47
6	78.27	0.0	0.62	85.51 0.0 0.0	7.24
7	79.98	0.0	0.67	86.84 0.0 0.0	6.86
8	81.7	0.0	0.71	88.05 0.0 0.0	6.35
9	83.41	0.0	0.76	89.17 0.0 0.0	5.76
10	85.12	0.0	0.8	90.21 0.0 0.0	5.08
11	86.84	0.0	0.84	91.19 0.0 0.0	4.35
12	88.55	0.0	0.87	92.11 0.0 0.0	3.56
13	90.27	0.0	0.91	92.99 0.0 0.0	2.73
14	91.98	0.0	0.94	93.83 0.0 0.0	1.85
15	93.7	0.0	0.97	94.64 0.0 0.0	0.94
16	95.41	0.0	1.0	95.41 0.0 0.0	0.01
17	69.7	0.0	0.0	69.7 0.0 0.0	0.01
18	76.13	0.0	0.54	83.62 0.0 0.0	7.5
19	82.55	0.0	0.74	88.62 0.0 0.0	6.06
20	88.98	0.0	0.88	92.34 0.0 0.0	3.35
21	95.41	0.0	1.0	95.41 0.0 0.0	0.01

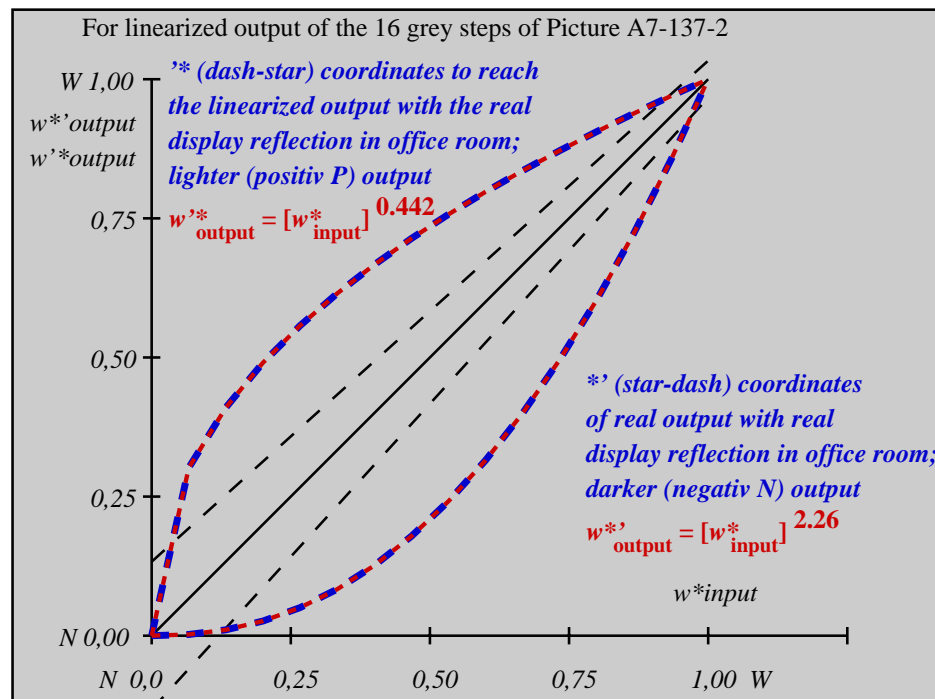
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

fel70-3N-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fel71-3N-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

fel70-7N-137-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

TUB-test chart fel7; fel7: In-output relation according to ISO 9241-306; 1MR, DH 000n/w/cmy0/rgb
 Viewing Y contrast $Y_W:Y_N=88,9:40$; Y_N range 30 to <60, D-HDR; $\gamma_R=0,8$ \rightarrow rgb*d, 137-2: