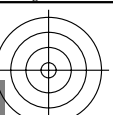
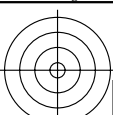


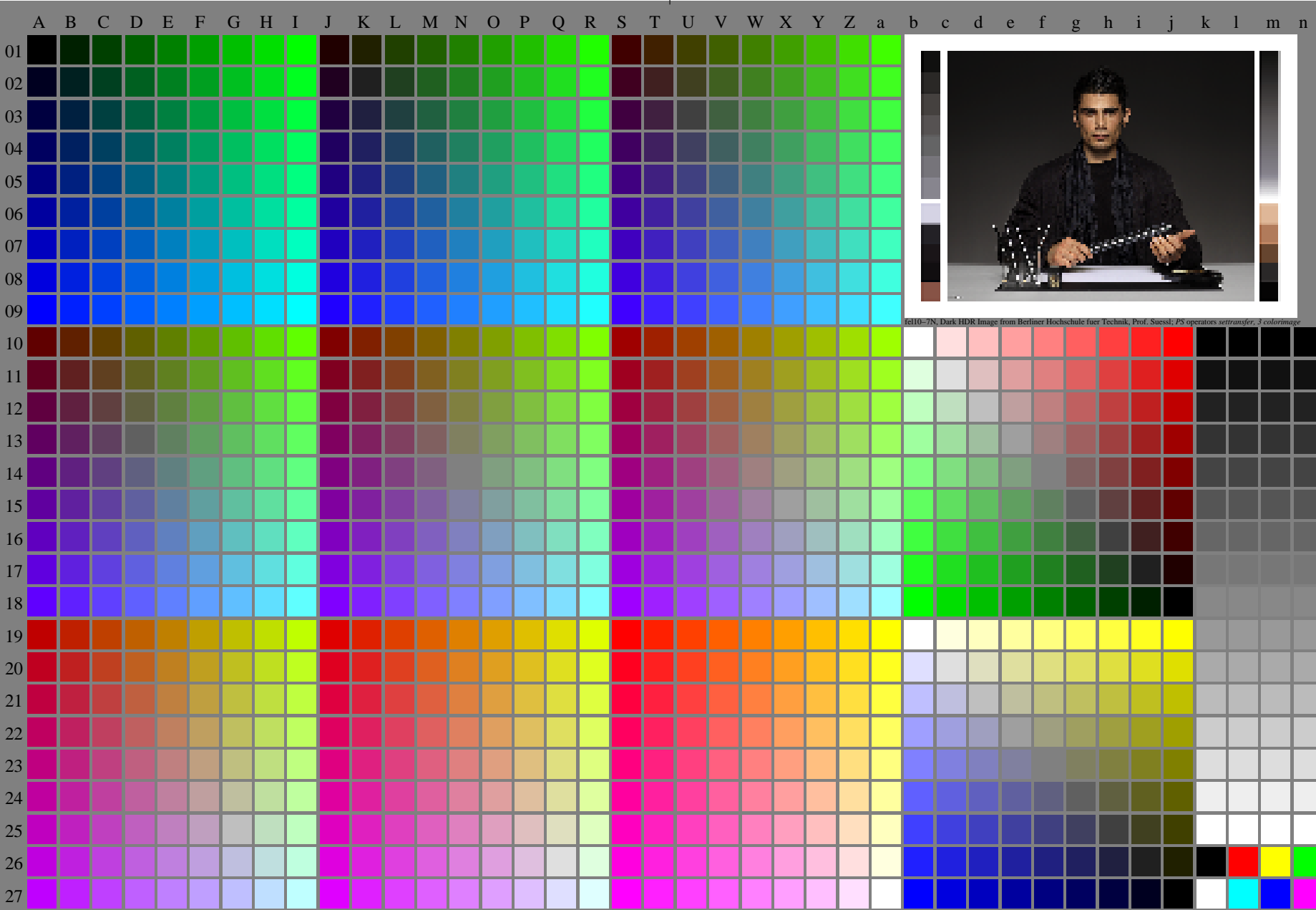
<http://farbe.li.tu-berlin.de/fel1/fel110fa.txt> /.ps; only vector graphic VG; start output
see separate images of this page: <http://farbe.li.tu-berlin.de/fel1/fel1.htm>



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-fel1/fel110fa.txt /.ps
application for evaluation and measurement of display or print output

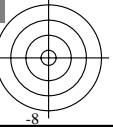
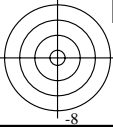
TUB material: code=rh4ta



fel10-7N, Dark HDR Image from Berliner Hochschule fuer Technik, Prof. Suessl; PS operators settransfer, 3 colorImage

fel10-7N, 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 fel1; fel1: Test chart wl_d10 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=1,0$
-> $rgb^*_d, 130-0$



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

TUB registration: 20240301-fel1/fel110fa.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

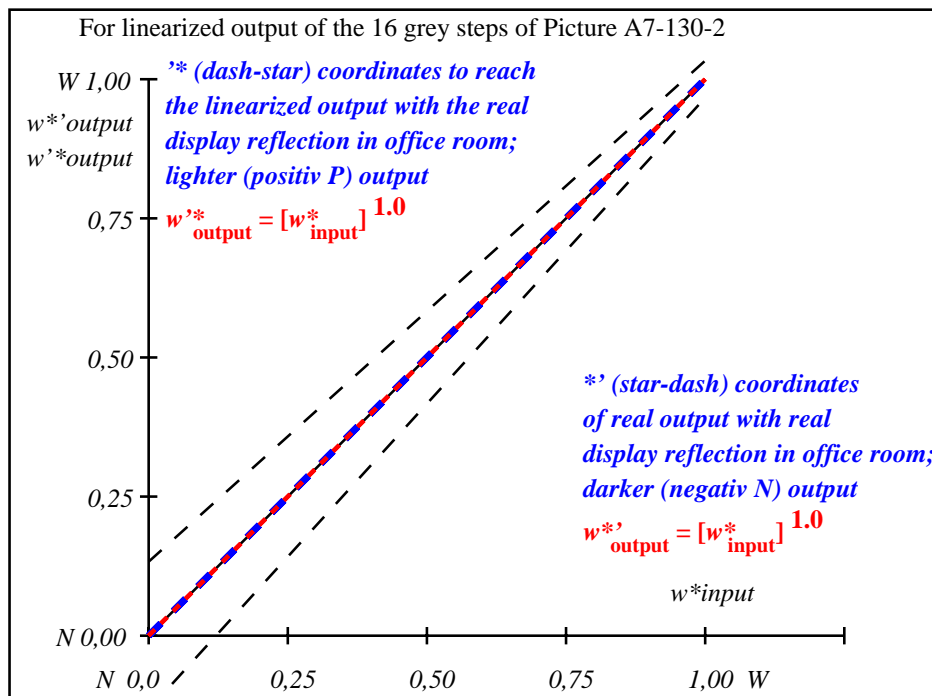
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

fel10-3N-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



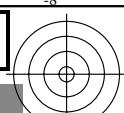
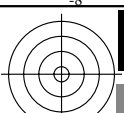
fel11-3N-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{intended}$ (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

fel10-7N-130-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

TUB-test chart fel1; fel1: 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; $\gamma_R=1,0$ ->rgb*d, 130-2:

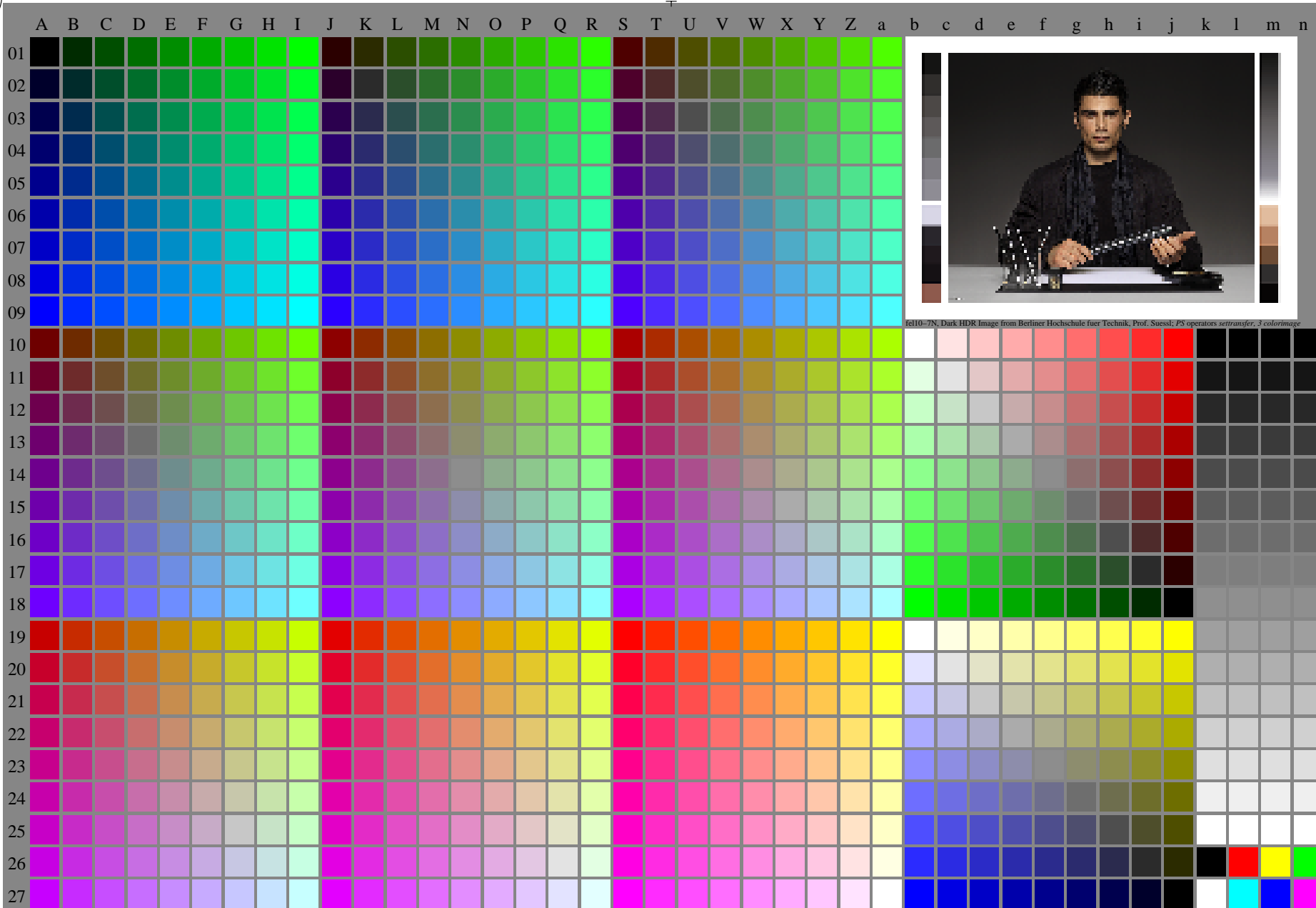
<http://farbe.li.tu-berlin.de/fel1/fel110fa.txt> /.ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel1/fel1.htm>



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>

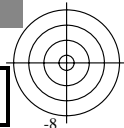
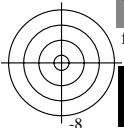
TUB registration: 20240301-fel1/fel110fa.txt /.ps
application for evaluation and measurement of display or print output

TUB material: code=rh4ta



fel10-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): rgb^*_{d} (A_n), colorm = 1, xchart = 1, pchart = 0

TUB-test chart fel1; fel1: Test chart wl_d10 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=1,0$
-> rgb^*_{d} , 131-0:



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-fel1/fel110fa.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

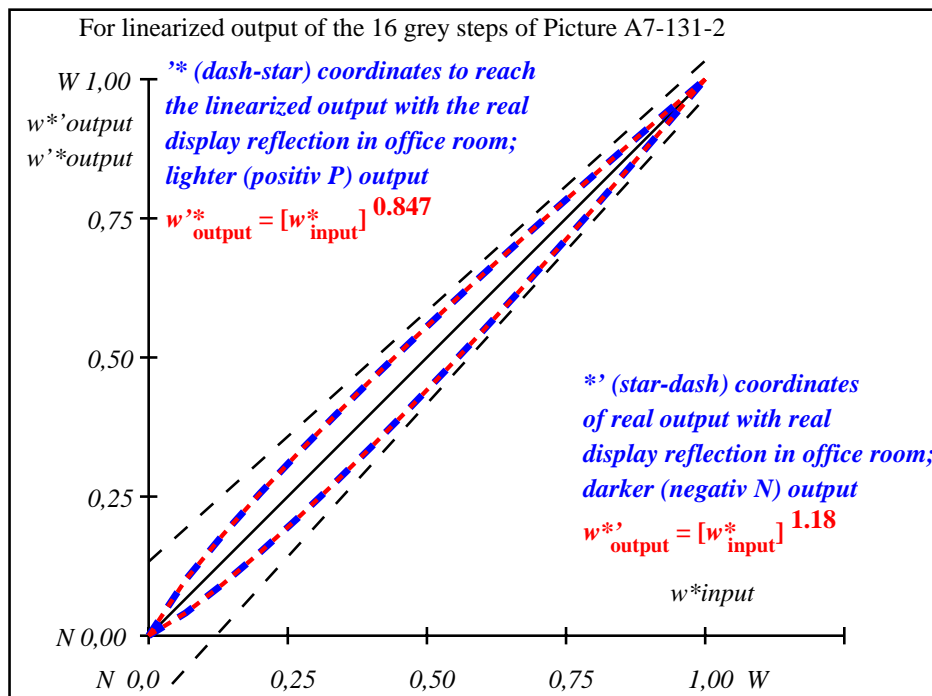
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

fel10-3N-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



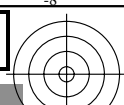
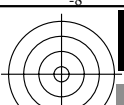
fel11-3N-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{intended}$ (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

fel10-7N-131-2: 16 visual equidistant L^* -grey steps; PS operator: $w^*_{setrgbcolor}$

TUB-test chart fel1; fel1: 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; $\gamma_R=1,0 \rightarrow rgb^*_d, 131-2$

<http://farbe.li.tu-berlin.de/fel1/fel110fa.txt> /.ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel1/fel1.htm>



C

M

Y

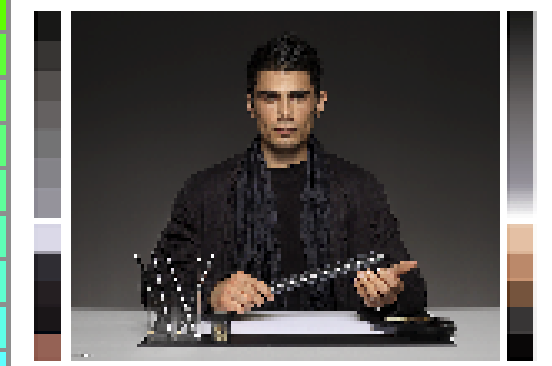
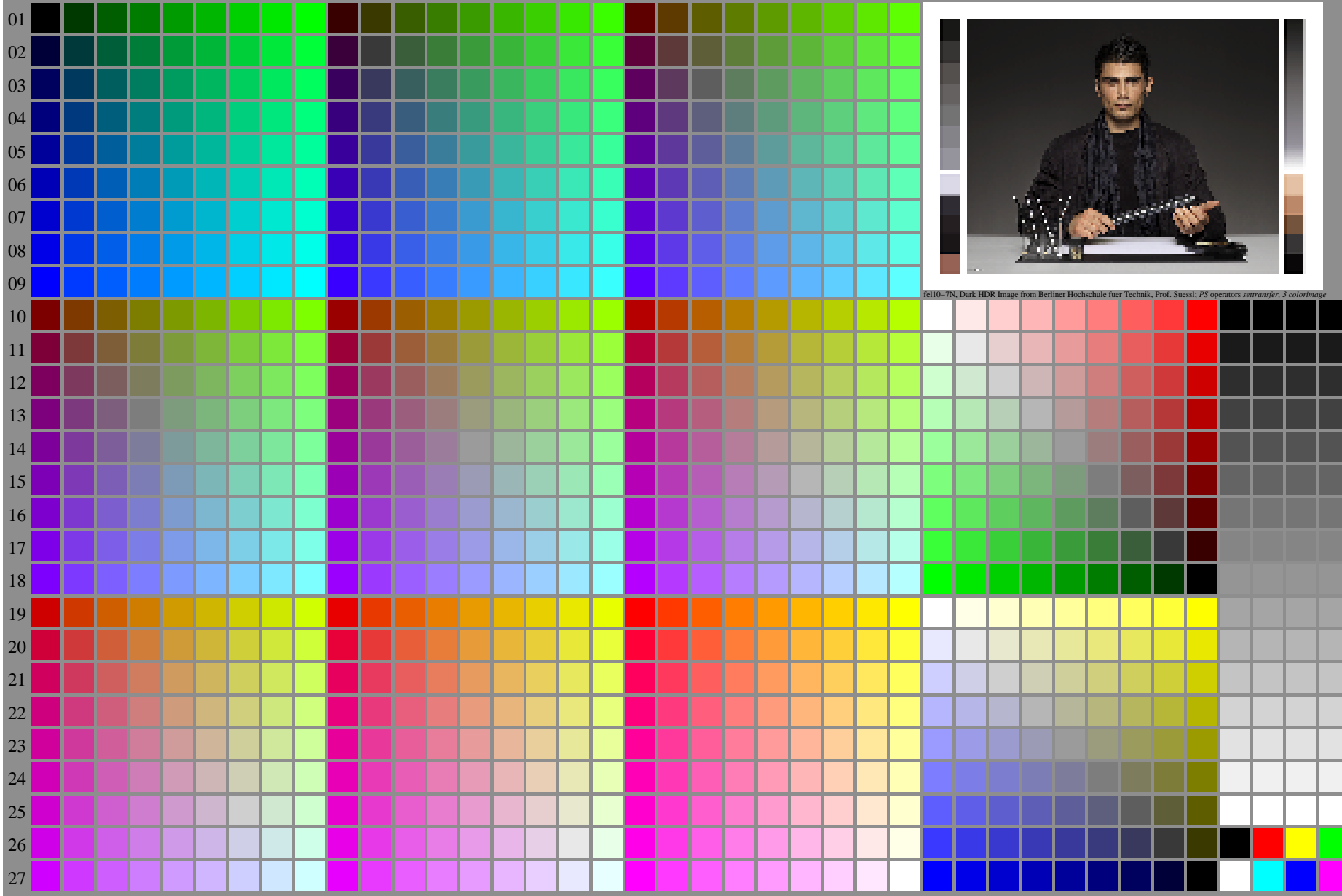
O

L

V

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

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

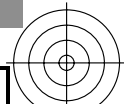
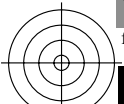


fel10-7N, Dark HDR Image from Berliner Hochschule fuer Technik, Prof. Suessli; PS operators settransfer, 3 colorImage

TUB registration: 20240301-fel1/fel110fa.txt /.ps
application for evaluation and measurement of display or print output

TUB material: code=rh4ta

fel10-7N, 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



C

M

Y

O

L

V

TUB-test chart fel1; fel1: Test chart wl_d10 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=1,0$
-> $rgb^*_d, 132-0$

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-fel1/fel110fa.txt /.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta

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

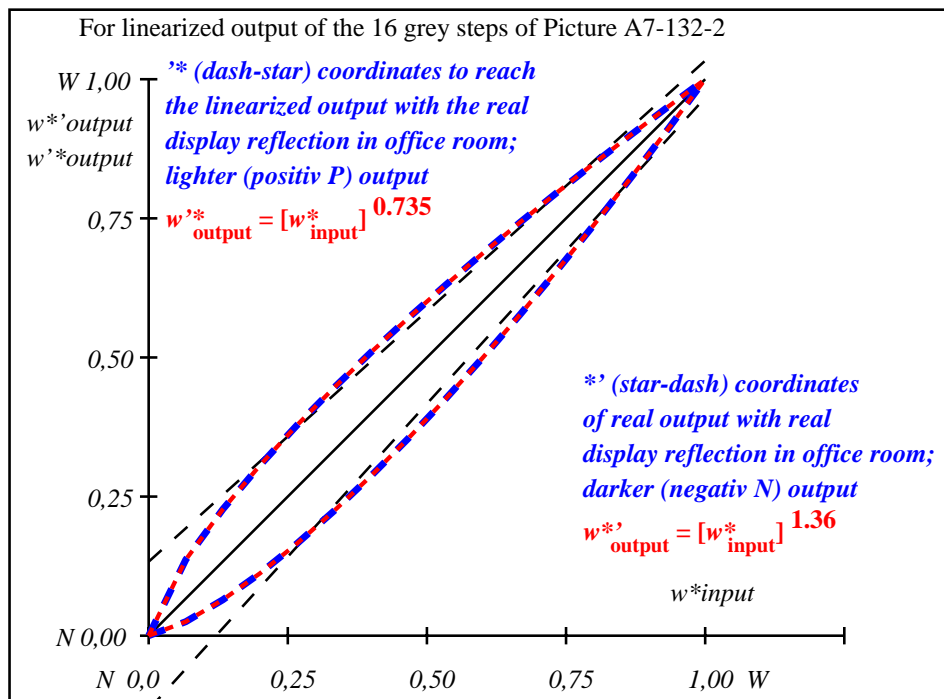
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

fel10-3N-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

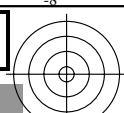
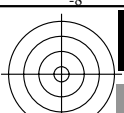


fel11-3N-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{intended}$ (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
$w^*_{intended}$	0.0	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
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

fel10-7N-132-2: 16 visual equidistant L^* -grey steps; PS operator: w^*_{setrgb} color

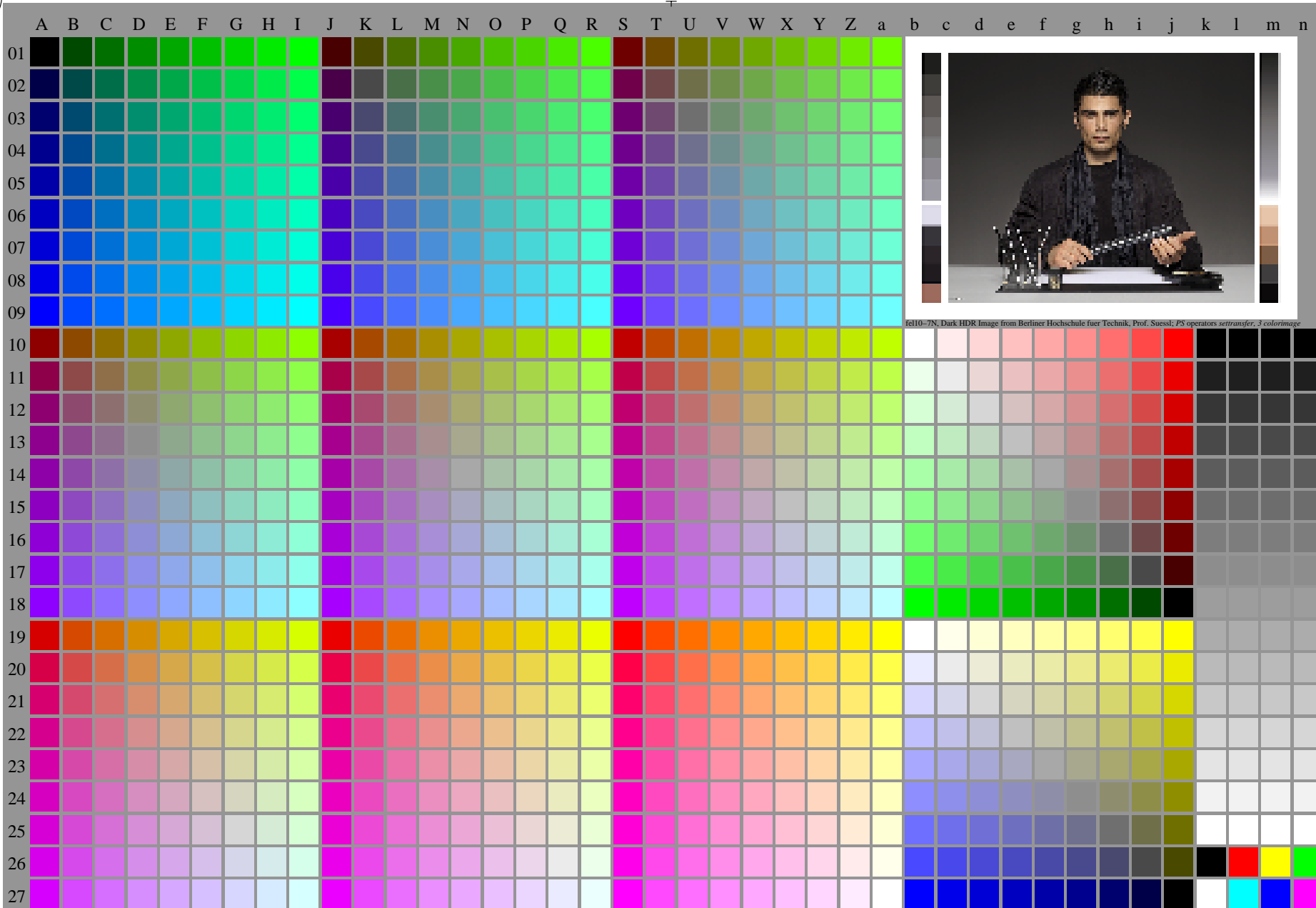
<http://farbe.li.tu-berlin.de/fel1/fel110fa.txt> /.ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel1/fel1.htm>



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>

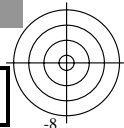
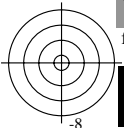
TUB registration: 20240301-fel1/fel110fa.txt /.ps
application for evaluation and measurement of display or print output

TUB material: code=rh4ta



fel10-7N, 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^*_{λ} (A_n), colorm = 1, xchart = 3, pchart = 0

TUB-test chart fel1; fel1: Test chart wl_d10 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=1,0$
-> 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.htm>
or <http://standards.iso.org/iso/9241/306/ed-2/Index.html>

TUB registration: 20240301-fell/fel1f110fa.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	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	0000 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	0000 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	0000 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	0000 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	0000 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	0000 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	0000 A10	0020 B10	0029 C10	0038 D10	0047 E10	0056 F10	0065 G10	0074 H10	0083 I10	0092 J10	0101 K10	0110 L10	0119 M10	0128 N10	0137 O10	0146 P10	0155 Q10	0164 R10	0173 S10	0182 T10	0191 U10	0200 V10	0209 W10	0218 X10	0227 Y10	0236 Z10	0245 a10	0254 b10	0263 c10	0272 d10	0281 e10	0290 f10	0299 g10	0308 h10	0317 i10	0326 j10	0335 k10	0344 l10	0353 n10	0362 o10	0371 p10	0380 q10	0389 r10	0398 s10	0407 t10	0416 u10	0425 v10	0434 w10	0443 x10	0452 y10	0461 z10	0470 aa10	0479 ab10	0488 ac10	0497 ad10	0506 ae10	0515 af10	0524 ag10	0533 ah10	0542 ai10	0551 aj10	0560 ak10	0569 al10	0578 am10	0587 an10	0596 ao10	0605 ap10	0614 aq10	0623 ar10	0632 as10	0641 at10	0650 au10	0659 av10	0668 aw10	0677 ax10	0686 ay10	0695 az10	0704 ba10	0713 bb10	0722 bc10	0731 bd10	0740 be10	0749 bf10	0758 bg10	0767 bh10	0776 bi10	0785 bj10	0794 bk10	0803 bl10	0812 bm10	0821 bn10	0830 bo10	0839 bp10	0848 bq10	0857 br10	0866 bs10	0875 bt10	0884 bu10	0893 bv10	0902 bw10	0911 bx10	0920 by10	0929 bz10	0938 ca10	0947 cb10	0956 cc10	0965 cd10	0974 ce10	0983 cf10	0992 cg10	1001 ch10	1010 ci10	1019 cj10	1028 ck10	1037 cl10	1046 cm10	1055 cn10	1064 co10	1073 cp10	1082 cq10	1091 cr10	1100 cs10	1109 ct10	1118 cu10	1127 cv10	1136 cw10	1145 cx10	1154 cy10	1163 cz10	1172 da10	1181 db10	1190 dc10	1199 dd10	1208 de10	1217 df10	1226 dg10	1235 dh10	1244 di10	1253 dj10	1262 dk10	1271 dl10	1280 dm10	1289 dn10	1298 do10	1307 dp10	1316 dq10	1325 dr10	1334 ds10	1343 dt10	1352 du10	1361 dv10	1370 dw10	1379 dx10	1388 dy10	1397 dz10	1406 ea10	1415 eb10	1424 ec10	1433 ed10	1442 ee10	1451 ef10	1460 eg10	1469 eh10	1478 ei10	1487 ej10	1496 ek10	1505 el10	1514 em10	1523 en10	1532 eo10	1541 ep10	1550 eq10	1559 er10	1568 es10	1577 et10	1586 eu10	1595 ev10	1604 ew10	1613 ex10	1622 ey10	1631 ez10	1640 fa10	1649 fb10	1658 fc10	1667 fd10	1676 fe10	1685 ff10	1694 fg10	1703 fh10	1712 fi10	1721 fj10	1730 fk10	1739 fl10	1748 fm10	1757 fn10	1766 fo10	1775 fp10	1784 fq10	1793 fr10	1802 fs10	1811 ft10	1820 fu10	1829 fv10	1838 fw10	1847 fx10	1856 fy10	1865 fz10	1874 ga10	1883 gb10	1892 gc10	1901 gd10	1910 ge10	1919 gf10	1928 gh10	1937 gi10	1946 gj10	1955 gk10	1964 gl10	1973 gm10	1982 gn10	1991 go10	2000 gp10	2009 gq10	2018 gr10	2027 gs10	2036 gt10	2045 gu10	2054 gv10	2063 gw10	2072 gx10	2081 gy10	2090 gz10	2099 ha10	2108 hb10	2117 hc10	2126 hd10	2135 he10	2144 hf10	2153 hg10	2162 hh10	2171 hi10	2180 hj10	2189 hk10	2198 hl10	2207 hm10	2216 hn10	2225 ho10	2234 hp10	2243 hq10	2252 hr10	2261 hs10	2270 ht10	2279 hu10	2288 hv10	2297 hw10	2306 hx10	2315 hy10	2324 hz10	2333 ia10	2342 ib10	2351 ic10	2360 id10	2369 ie10	2378 if10	2387 ig10	2396 ih10	2405 ii10	2414 ij10	2423 ik10	2432 il10	2441 im10	2450 in10	2459 io10	2468 ip10	2477 iq10	2486 ir10	2495 is10	2504 it10	2513 iu10	2522 iv10	2531 iw10	2540 ix10	2549 iy10	2558 iz10	2567 ja10	2576 jb10	2585 jc10	2594 jd10	2603 je10	2612 jf10	2621 jg10	2630 jh10	2639 ji10	2648 jj10	2657 jk10	2666 jl10	2675 jm10	2684 jn10	2693 jo10	2702 jp10	2711 jq10	2720 jr10	2729 js10	2738 jt10	2747 ju10	2756 jv10	2765 jw10	2774 jx10	2783 jy10	2792 jz10	2801 ka10	2810 kb10	2819 kc10	2828 kd10	2837 ke10	2846 kf10	2855 kg10	2864 kh10	2873 ki10	2882 kj10	2891 kl10	2900 km10	2909 kn10	2918 ko10	2927 kp10	2936 kq10	2945 kr10	2954 ks10	2963 kt10	2972 ku10	2981 kv10	2990 kw10	2999 kx10	3008 ky10	3017 kz10	3026 la10	3035 lb10	3044 lc10	3053 ld10	3062 le10	3071 lf10	3080 lg10	3089 lh10	3098 li10	3107 lj10	3116 lk10	3125 ll10	3134 lm10	3143 ln10	3152 lo10	3161 lp10	3170 lq10	3179 lr10	3188 ls10	3197 lt10	3206 lu10	3215 lv10	3224 lw10	3233 lx10	3242 ly10	3251 lz10	3260 ma10	3269 mb10	3278 mc10	3287 md10	3296 me10	3305 mf10	3314 mg10	3323 mh10	3332 mi10	3341 mj10	3350 mk10	3359 ml10	3368 mn10	3377 mo10	3386 mp10	3395 mq10	3404 mr10	3413 ms10	3422 mt10	3431 mu10	3440 mv10	3449 mw10	3458 mx10	3467 my10	3476 mz10	3485 na10	3494 nb10	3503 nc10	3512 nd10	3521 ne10	3530 nf10	3539 ng10	3548 nh10	3557 ni10	3566 nj10	3575 nk10	3584 nl10	3593 nm10	3602 no10	3611 np10	3620 nq10	3629 nr10	3638 ns10	3647 nt10	3656 nu10	3665 nv10	3674 nw10	3683 nx10	3692 ny10	3701 nz10	3710 oa10	3719 ob10	3728 oc10	3737 od10	3746 oe10	3755 of10	3764 og10	3773 oh10	3782 oi10	3791 oj10	3800 ok10	3809 ol10	3818 om10	3827 on10	3836 oo10	3845 op10	3854 oq10	3863 or10	3872 os10	3881 ot10	3890 ou10	3899 ov10	3908 ow10	3917 ox10	3926 oy10	3935 oz10	3944 pa10	3953 pb10	3962 pc10	3971 pd10	3980 pe10	3989 pf10	3998 pg10	4007 ph10	4016 pi10	4025 pj10	4034 pk10	4043 pl10	4052 pm10	4061 pn10	4070 po10	4079 pp10	4088 pq10	4097 pr10	4106 ps10	4115 pt10	4124 pu10	4133 pv10	4142 pw10	4151 px10	4160 py10	4169 pz10	4178 qa10	4187 qb10	4196 qc10	4205 qd10	4214 qe10	4223 qf10	4232 qg10	4241 qh10	4250 qi10	4259 qj10	4268 qk10	4277 ql10	4286 qm10	4295 qn10	4304 qo10	4313 qp10	4322 qr10	4331 qs10	4340 qt10	4349 qu10	4358 qv10	4367 qw10	4376 qx10	4385 qy10	4394 qz10	4403 ra10	4412 rb10	4421 rc10	4430 rd10	4439 re10	4448 rf10	4457 rg10	4466 rh10	4475 ri10	4484 rj10	4493 rk10	4502 rl10	4511 rm10	4520 rn10	4529 ro10	4538 rp10	4547 rq10	4556 rs10	4565 rt10	4574 ru10	4583 rv10	4592 rw10	4601 rx10	4610 ry10	4619 rz10	4628 sa10	4637 sb10	4646 sc10	4655 sd10	4664 se10	4673 sf10	4682 sg10	4691 sh10	4700 si10	4709 sj10	4718 sk10	4727 sl10	4736 sm10	4745 sn10	4754 so10	4763 sp10	4772 sq10	4781 sr10	4790 st10	4799 su10	4808 sv10	4817 sw10	4826 sx10	4835 sy10	4844 sz10	4853 ta10	4862 tb10	4871 tc10	4880 td10	4889 te10	4898 tf10	4907 tg10	4916 th10	4925 ti10	4934 tj10	4943 tk10	4952 tl10	4961 tm10	4970 tn10	4979 to10	4988 tp10	4997 tq10	5006 tr10	5015 ts10	5024 tt10	5033 tu10	5042 tv10	5051 tw10	5060 tx10	5069 ty10	5078 tz10	5087 ua10	5096 ub10	5105 uc10	5114 ud10	5123 ue10	5132 uf10	5141 ug10	5150 uh10	5159 ui10	5168 uj10	5177 uk10	5186 ul10	5195 um10	5204 un10	5213 uo10	5222 up10	5231 uq10	5240 ur10	5249 us10	5258 ut10	5267 uv10	5276 uw10	5285 ux10	5294 uy10	5303 uz10	5312 va10	5321 vb10	5330 vc10	5339 vd10	5348 ve10	5357 vf10	5366 vg10	5375 vh10	5384 vi10	5393 vj10	5402 vk10	5411 vl10	5420 vm10	5429 vn10	5438 vo10	5447 vp10	5456 vq10	5465 vr10	5474 vs10	5483 vt10	5492 vu10

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-fel1/fel110fa.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	18.01	0.0	0.0	18.01	0.0
2	23.17	0.0	0.17	31.35	0.0
3	28.33	0.0	0.27	38.93	0.0
4	33.49	0.0	0.35	45.23	0.0
5	38.65	0.0	0.42	50.82	0.0
6	43.81	0.0	0.49	55.93	0.0
7	48.97	0.0	0.55	60.7	0.0
8	54.13	0.0	0.61	65.2	0.0
9	59.29	0.0	0.66	69.47	0.0
10	64.45	0.0	0.72	73.56	0.0
11	69.61	0.0	0.77	77.49	0.0
12	74.77	0.0	0.82	81.29	0.0
13	79.93	0.0	0.87	84.97	0.0
14	85.09	0.0	0.91	88.54	0.0
15	90.25	0.0	0.96	92.02	0.0
16	95.41	0.0	1.0	95.41	0.0
17	18.01	0.0	0.0	18.01	0.0
18	37.36	0.0	0.41	49.47	0.0
19	56.71	0.0	0.64	67.36	0.0
20	76.06	0.0	0.83	82.22	0.0
21	95.41	0.0	1.0	95.41	0.0

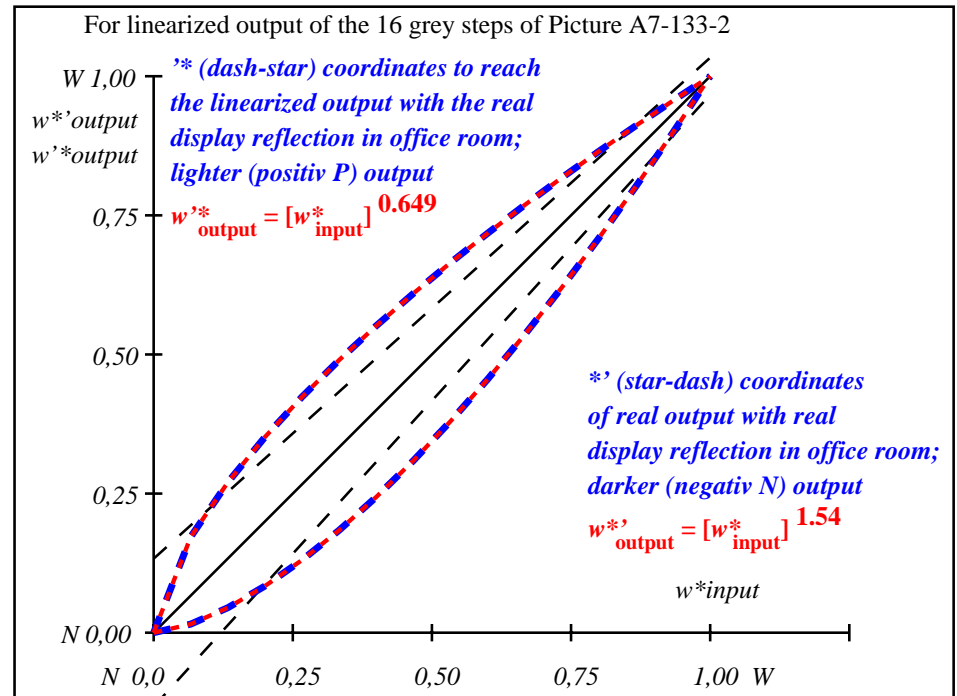
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

fel10-3N-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



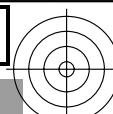
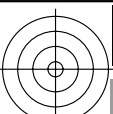
fel11-3N-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

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

fel10-7N-133-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

TUB-test chart fel1; fel1: 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; $\gamma_R=1,0$ ->rgb*d, 133-2:

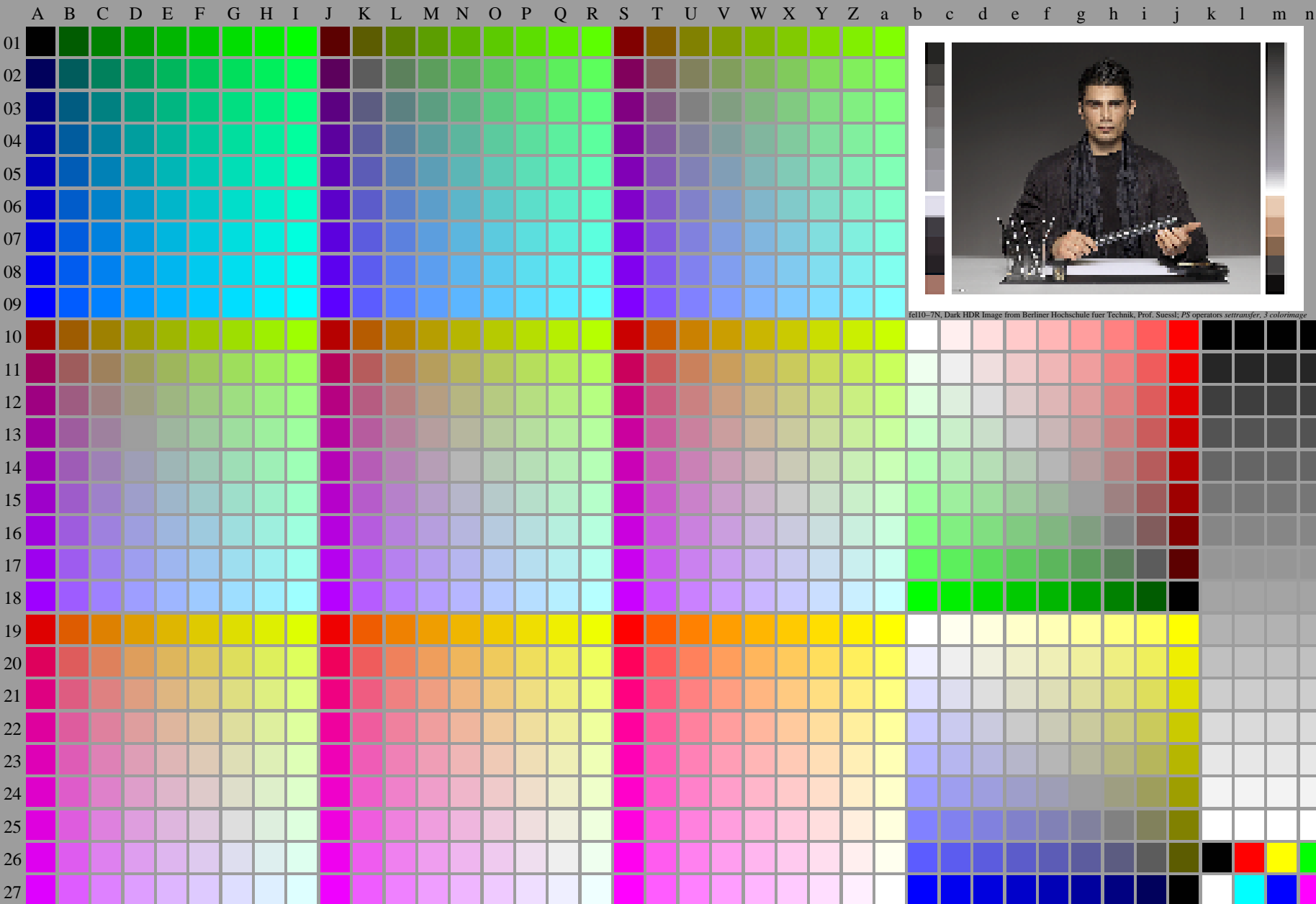
<http://farbe.li.tu-berlin.de/fel1/fel110fa.txt> /.ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel1/fel1.htm>



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>

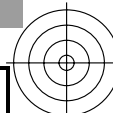
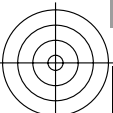
TUB registration: 20240301-fel1/fel110fa.txt /.ps
application for evaluation and measurement of display or print output

TUB material: code=rh4ta



fel10-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): rgb^*_{d} (A_n), colorm = 1, xchart = 4, pchart = 0

TUB-test chart fel1; fel1: Test chart wl_d10 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=1,0$ $\rightarrow rgb^*_{\text{d}}$, 134-0:



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

TUB registration: 20240301-fel1/fel110fa.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	0.0
3	35.99	0.0	0.0	48.1	0.0	0.0
4	40.56	0.0	0.0	53.75	0.0	0.0
5	45.13	0.0	0.0	58.64	0.0	0.0
6	49.7	0.0	0.0	63.05	0.0	0.0
7	54.27	0.0	0.0	67.09	0.0	0.0
8	58.84	0.0	0.0	70.87	0.0	0.0
9	63.41	0.0	0.0	74.42	0.0	0.0
10	67.99	0.0	0.0	77.79	0.0	0.0
11	72.56	0.0	0.0	81.01	0.0	0.0
12	77.13	0.0	0.0	84.1	0.0	0.0
13	81.7	0.0	0.0	87.07	0.0	0.0
14	86.27	0.0	0.0	89.94	0.0	0.0
15	90.84	0.0	0.0	92.71	0.0	0.0
16	95.41	0.0	0.0	95.41	0.0	0.0
17	26.85	0.0	0.0	26.85	0.0	0.0
18	43.99	0.0	0.0	57.47	0.0	0.0
19	61.13	0.0	0.0	72.67	0.0	0.0
20	78.27	0.0	0.0	84.85	0.0	0.0
21	95.41	0.0	0.0	95.41	0.0	0.0

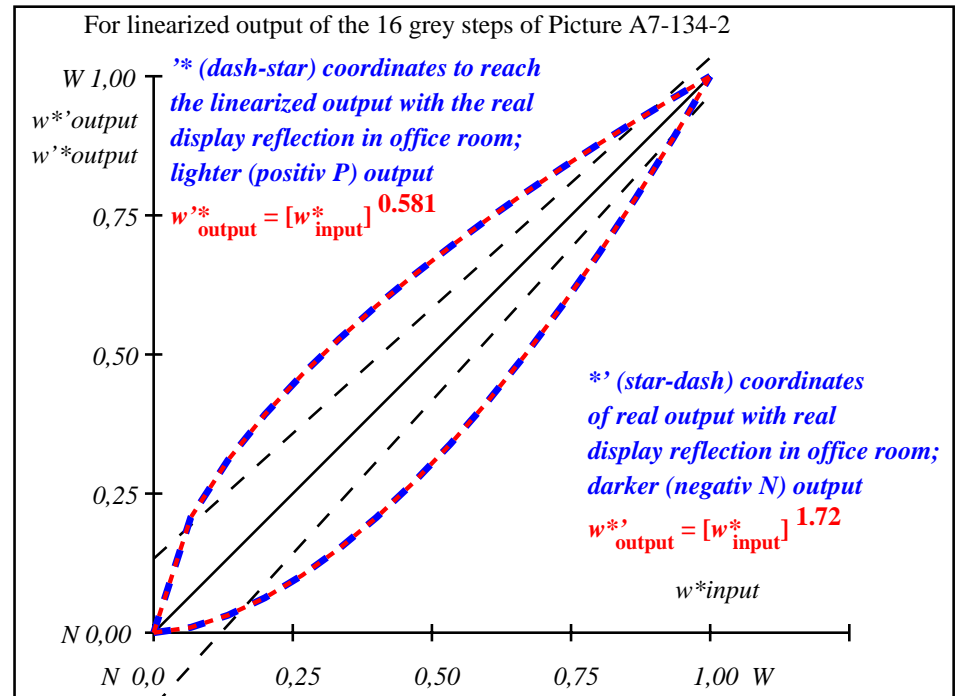
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

fel10-3N-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



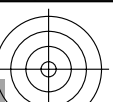
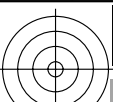
fel11-3N-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{intended}$ (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
$w^*_{relative}$	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

fel10-7N-134-2: 16 visual equidistant L^* -grey steps; PS operator: $w^*_{setrgbcolor}$

TUB-test chart fel1; fel1: 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; $\gamma_R=1,0$ ->rgb*d, 134-2:

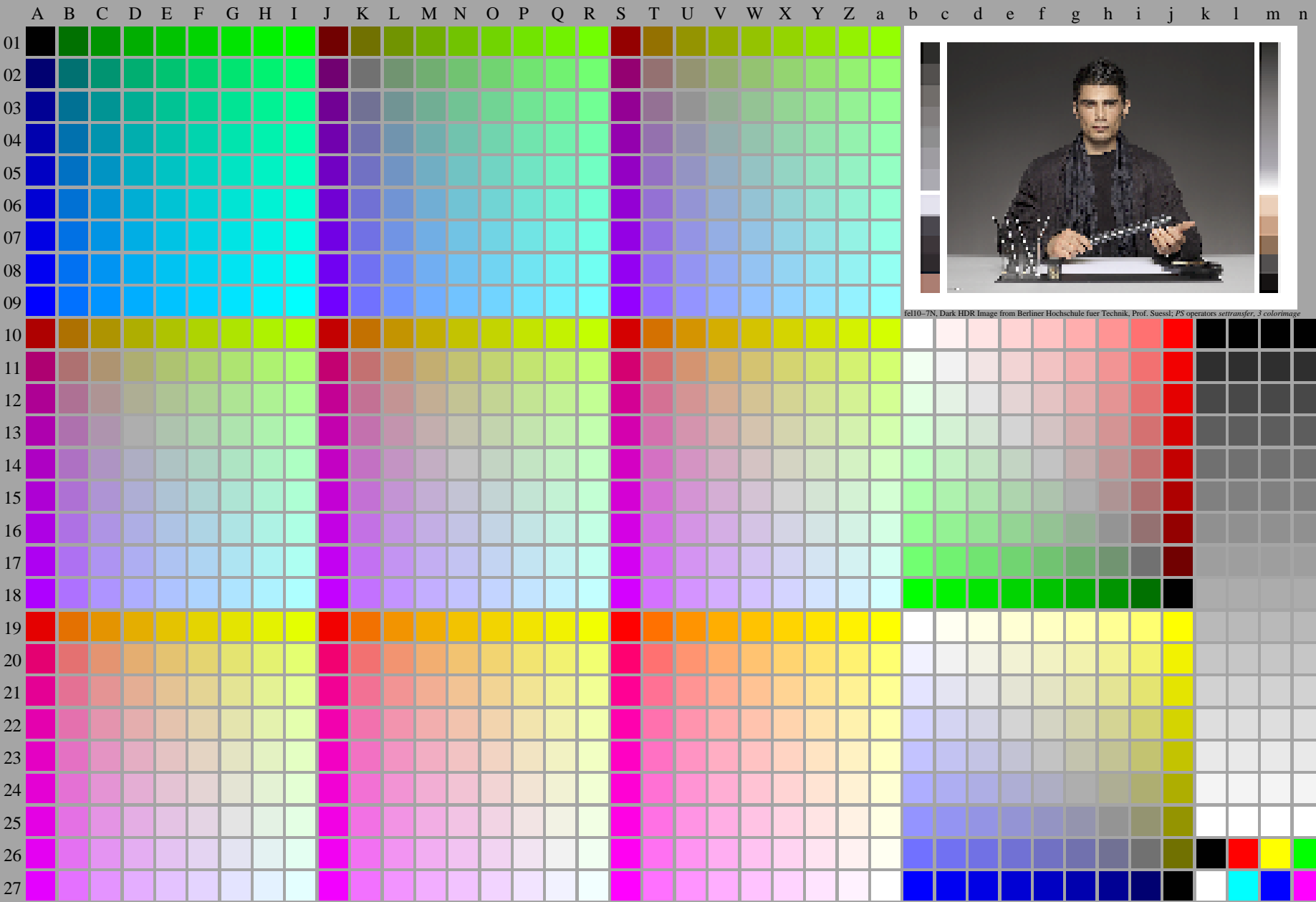
<http://farbe.li.tu-berlin.de/fel1/fel110fa.txt> /.ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel1/fel1.htm>



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-fel1/fel110fa.txt /.ps
application for evaluation and measurement of display or print output

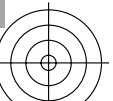
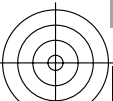
TUB material: code=rh4ta



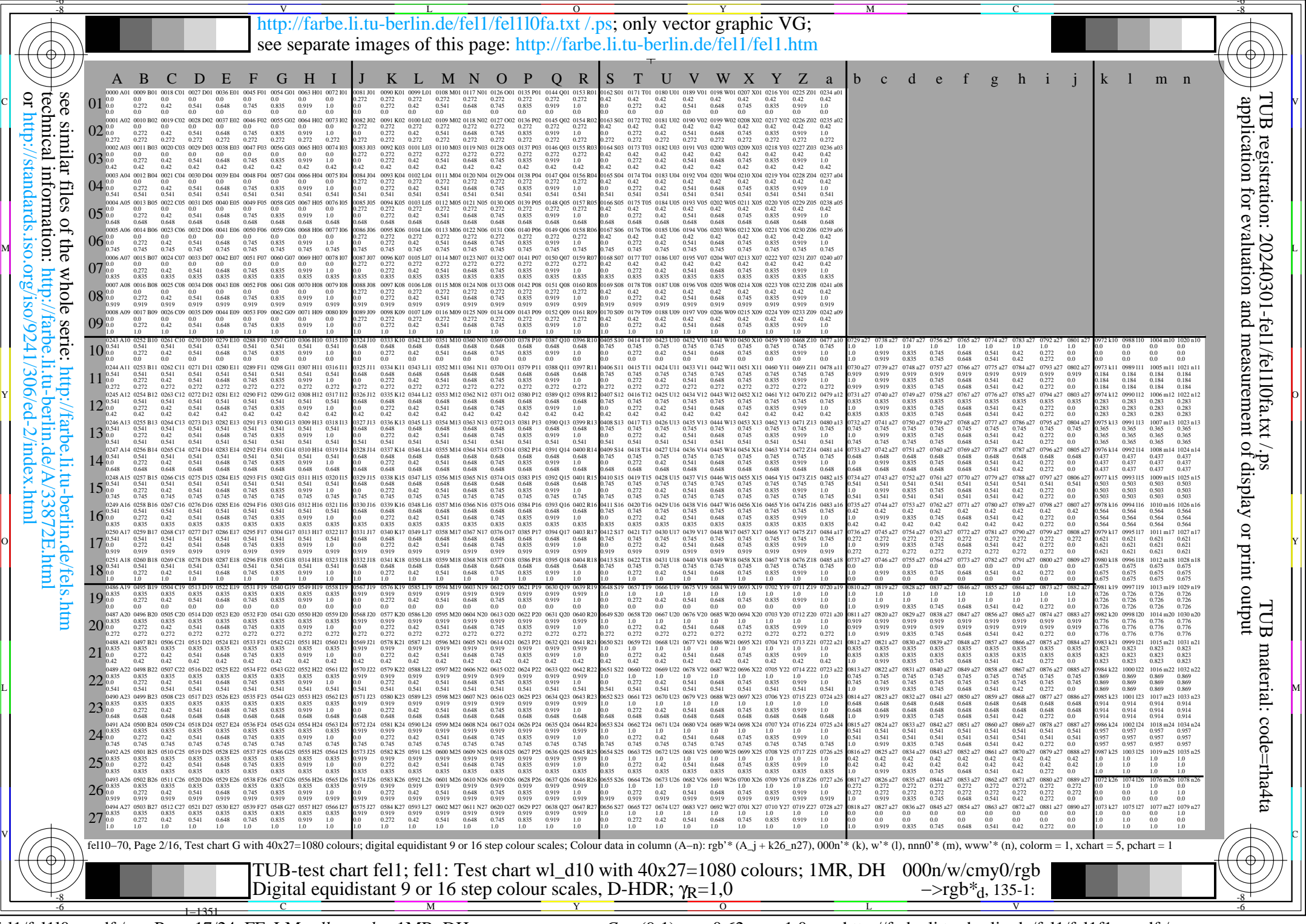
fel10-7N, Dark HDR Image from Berliner Hochschule fuer Technik, Prof. Suessli; PS operators settransfer, 3 colorImage

fel10-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*_{d,1350}(A_n)$, colorm = 1, xchart = 5, pchart = 0

TUB-test chart fel1; fel1: Test chart wl_d10 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=1,0$
-> $rgb^*_{d,1350}$



<http://farbe.li.tu-berlin.de/fell/fel1f110a.txt> / .ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fell/fel1f1.htm>

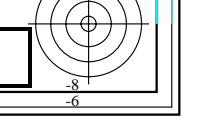
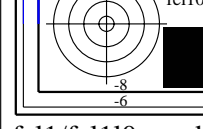
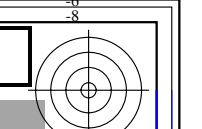
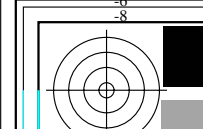


TUB registration: 20240301-fell/fel1f10a.txt / .ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta

fel10-70, Page 2/16, Test chart G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*(A_j + k26_n27)$, $000n^*(k)$, $w^*(l)$, $nnn0^*(m)$, $www^*(n)$, $colorm = 1$, $xchart = 5$, $pchart = 1$

TUB-test chart fell; fel1: Test chart w d10 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=1.0$
-> rgb^*_d , 135:1

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



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-fel1/fel110fa.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

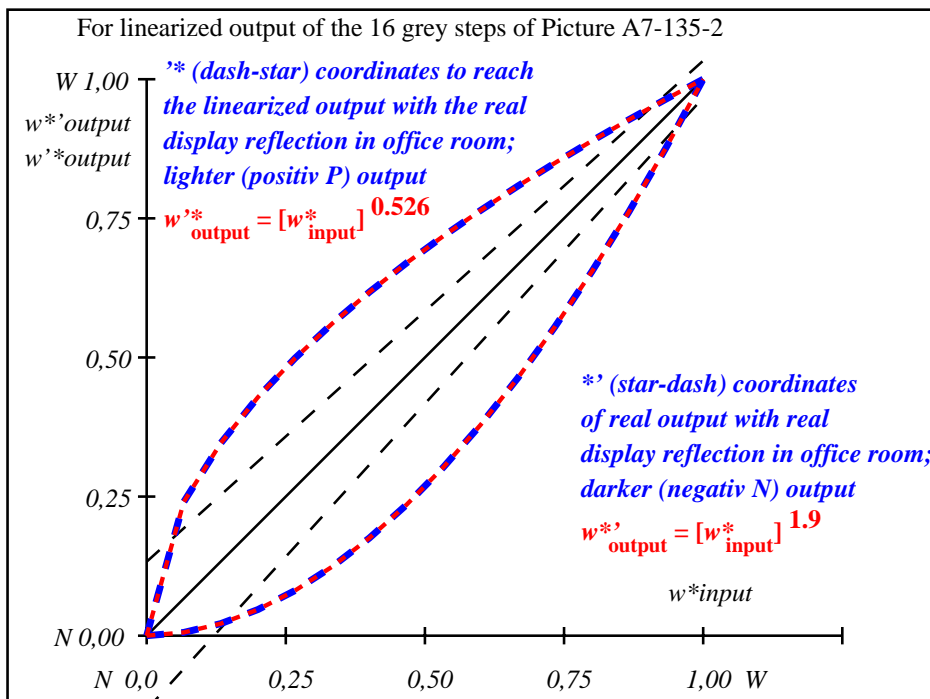
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

fel10-3N-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



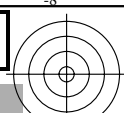
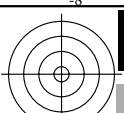
fel11-3N-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

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

fel10-7N-135-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

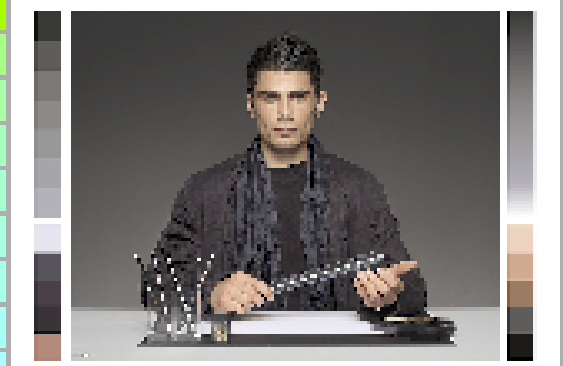
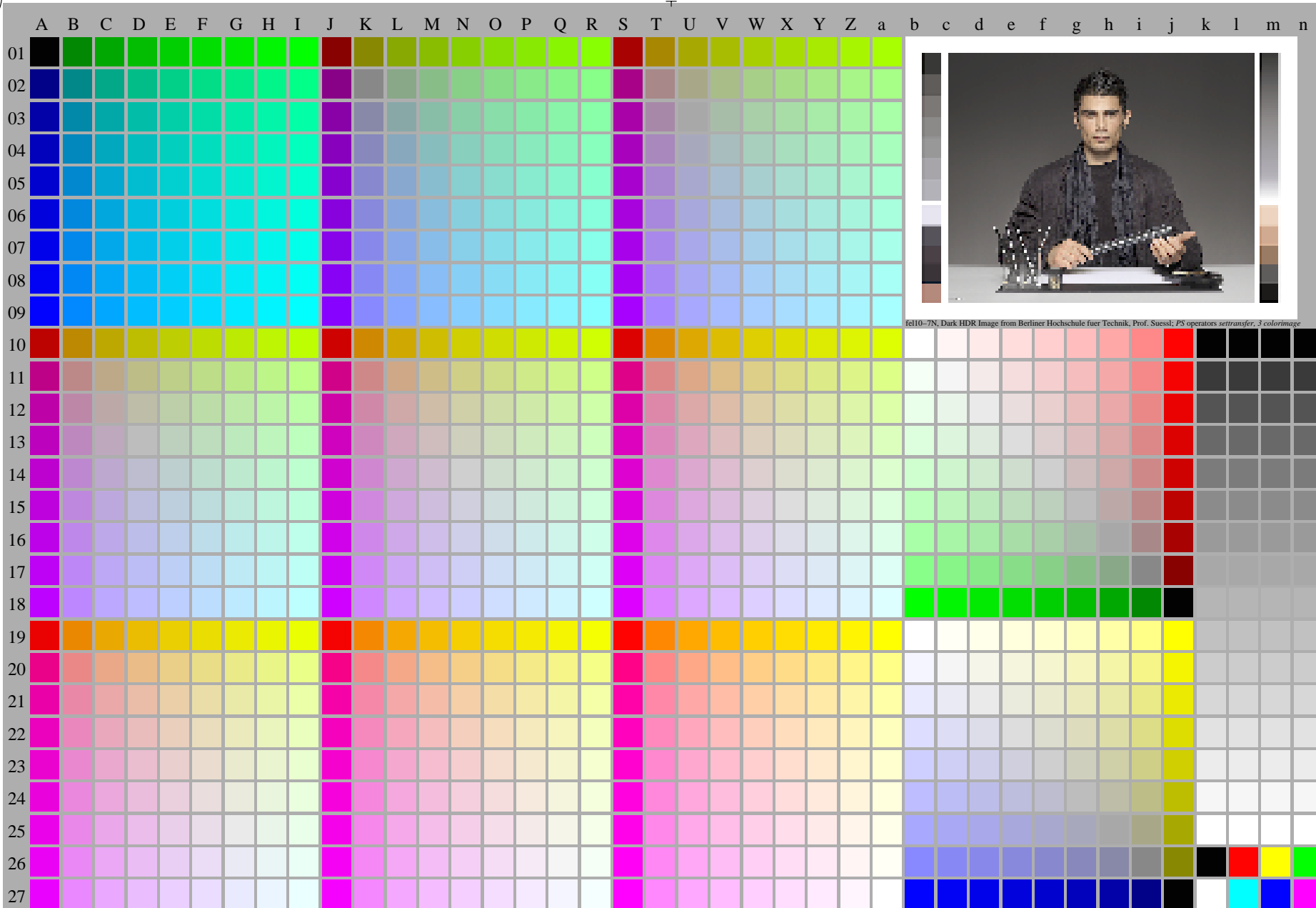
TUB-test chart fel1; fel1: In-output relation according to ISO 9241-306; 1MR, DH 000n/w/cmy0/rgb
Viewing Y contrast $Y_W:Y_N=88,9:10$; Y_N range 7,5 to <15, D-HDR; $\gamma_R=1,0$ ->rgb*d, 135-2:

<http://farbe.li.tu-berlin.de/fel1/fel110fa.txt> /.ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel1/fel1.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>

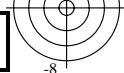
TUB registration: 20240301-fel1/fel110fa.txt /.ps
application for evaluation and measurement of display or print output



fel10-7N, Dark HDR Image from Berliner Hochschule fuer Technik, Prof. Suessli; PS operators settransfer, 3 colorImage

fel10-7N, 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 fel1; fel1: Test chart wl_d10 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=1,0$
-> $rgb^*_d, 136-0$:



http://farbe.li.tu-berlin.de/fel1/fel110fa.txt /ps; only vector graphic VG; see separate images of this page: http://farbe.li.tu-berlin.de/fel1/fel1.htm

TUB registration: 20240301-fel1/fel110fa.txt /ps application for evaluation and measurement of display or print output TUB material: code rh4tra

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

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.

fel10-70, Page 2/16, Test chart G with 40x27=1080 colours; digital equivalent 9 or 16 step colour scales; Colour data in column (A-n): rrgb*(A_j+k26_n27), 000n*(k), w*(l), nnn0*(m), www*(n), column = 1, xchart = 1
TUB test chart fel1; fel1: Test chart w d10 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equivalent 9 or 16 step colour scales, D-HDR; γR=1.0
->rgb*d, 136:1

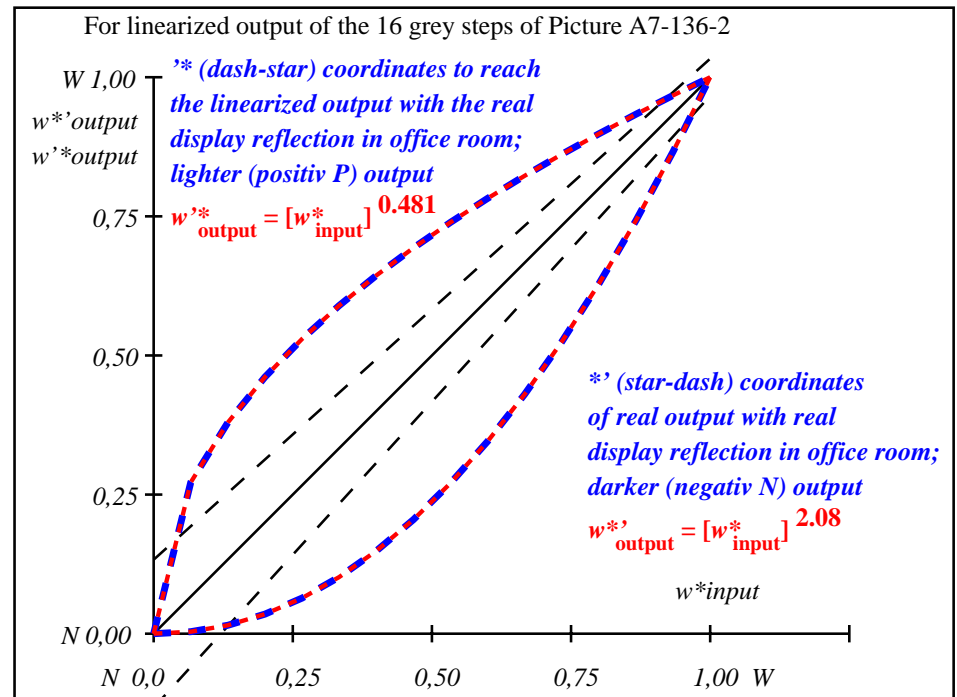
see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fels.htm>
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fel1/fel110fa.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	
16	95.41	0.0	1.0	95.41	0.0	
17	52.02	0.0	0.0	52.02	0.0	Mean lightness difference (16 steps)
18	62.87	0.0	0.51	74.3	0.0	$\Delta E^*_{CIELAB} = 7.0$
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: $R^*_{ab,m} = 70$

fel10-3N-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



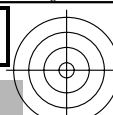
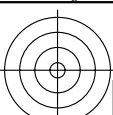
fel11-3N-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{intended}$ (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

fel10-7N-136-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

TUB-test chart fel1; fel1: 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; $\gamma_R=1,0$ \rightarrow rgb*d, 136-2:

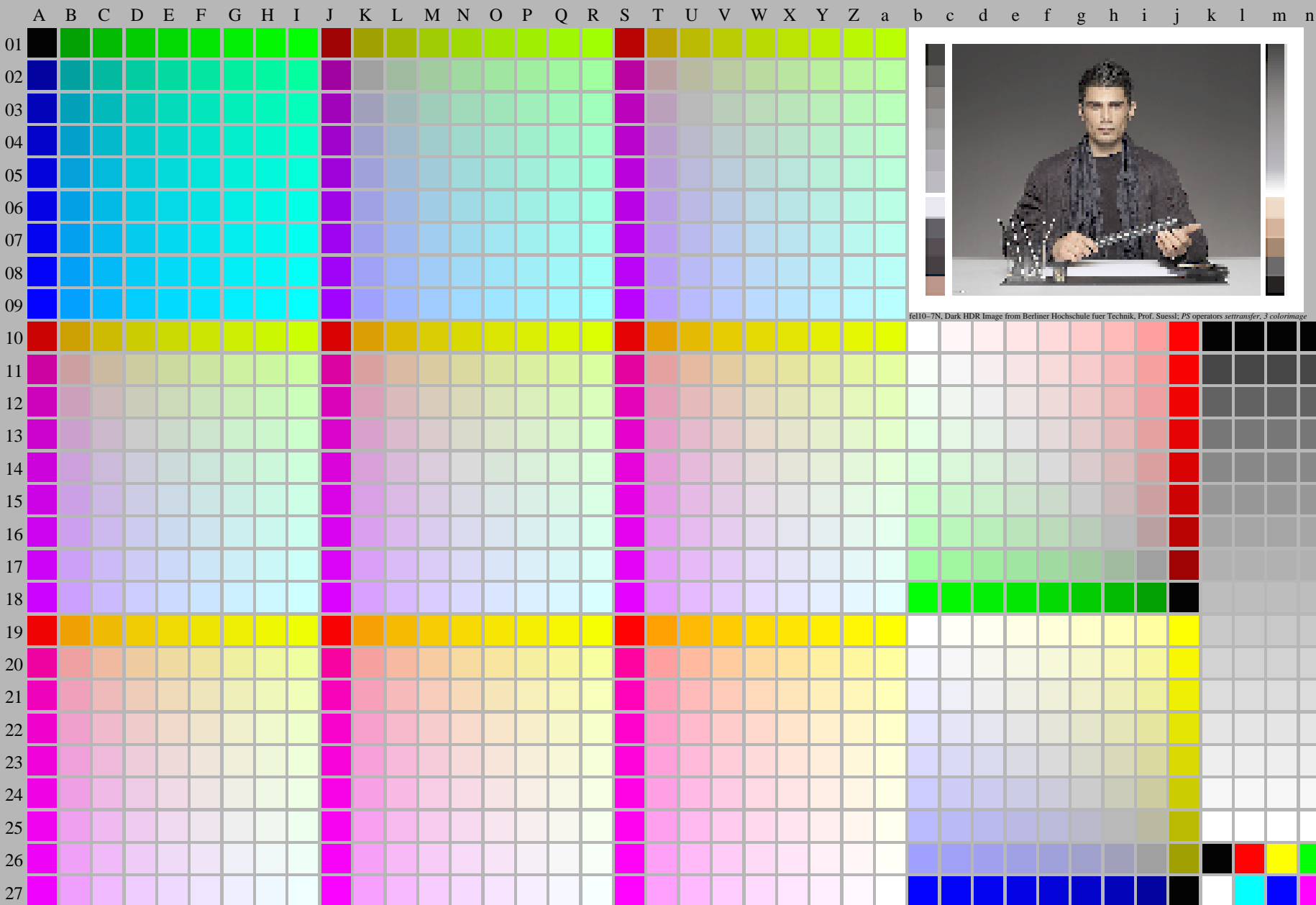
<http://farbe.li.tu-berlin.de/fel1/fel110fa.txt> /.ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fel1/fel1.htm>



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>

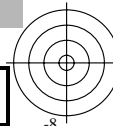
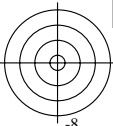
TUB registration: 20240301-fel1/fel110fa.txt /.ps
application for evaluation and measurement of display or print output

TUB material: code=rh4ta



fel10-7N, 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 fel1; fel1: Test chart wl_d10 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, D-HDR; $\gamma_R=1,0$
-> $rgb^*_d, 137-0$:



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

TUB registration: 20240301-fel1/fel110fa.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

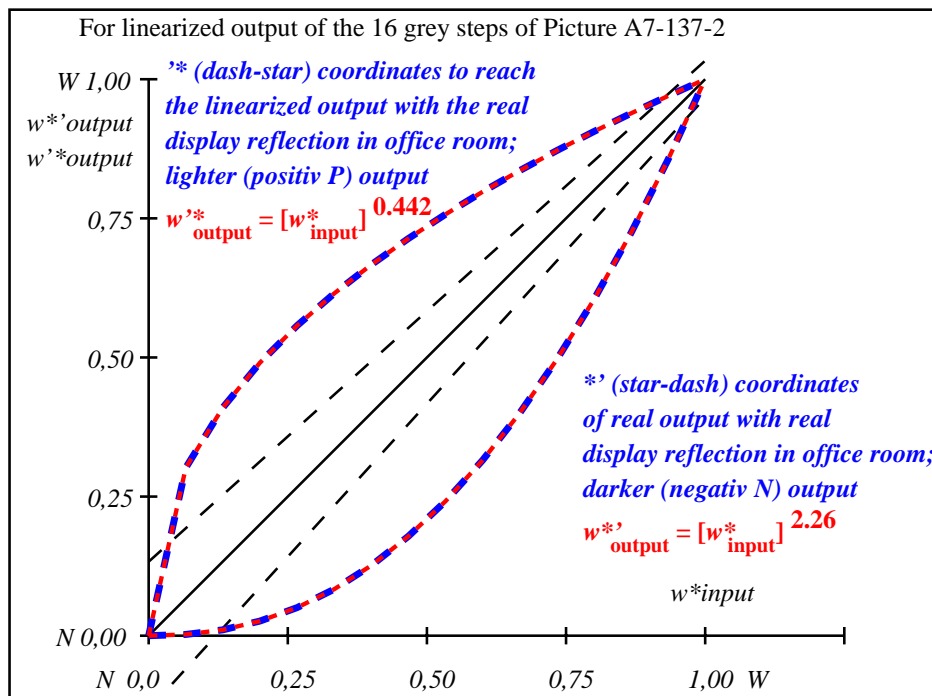
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

fel10-3N-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fel11-3N-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^*_{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	0,277	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

fel10-7N-137-2: 16 visual equidistant L^* -grey steps; PS operator: w^*_{setrgb} color

TUB-test chart fel1; fel1: 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; $\gamma_R=1,0$ $\rightarrow rgb^*_d, 137-2$