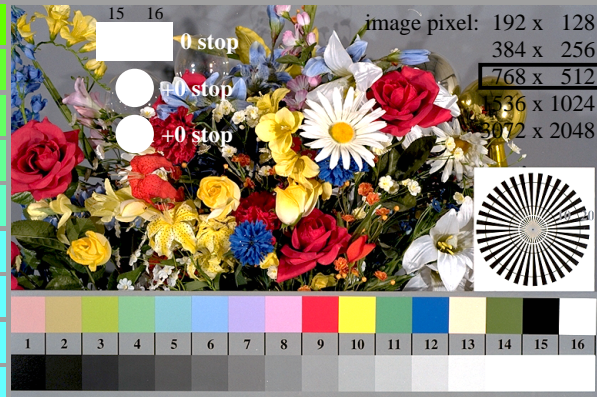
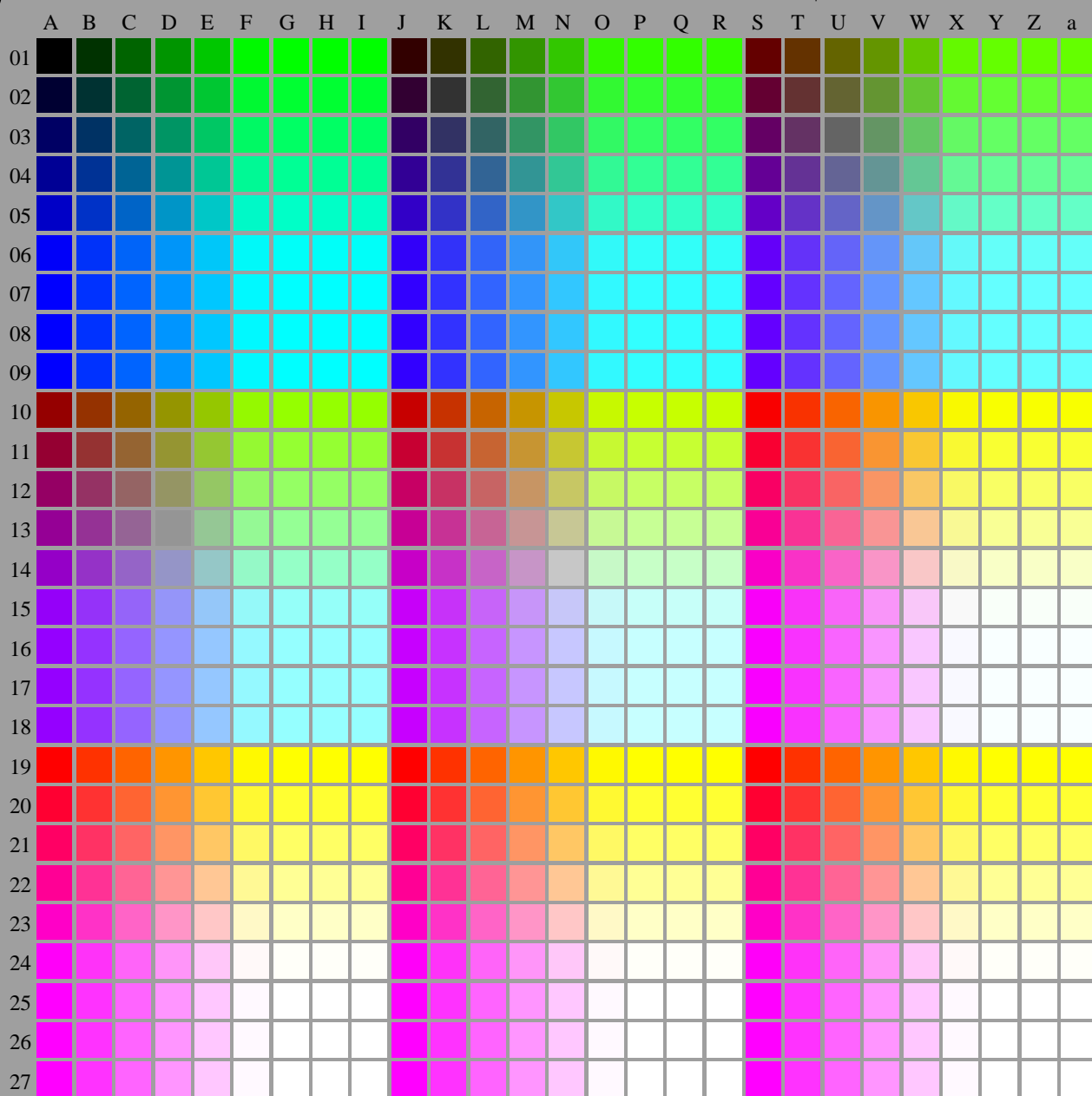


<http://farbe.li.tu-berlin.de/fen1/fen110fa.txt> /.ps; only vector graphic VG; start output
see separate images of this page: <http://farbe.li.tu-berlin.de/fen1/fen1.htm>

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



fen10-7N, Picture B1-130-0: Flower motif, 14 CIE-test colours and 2+16 grey steps (nd); PS operators settransfer, 3 colorimage

TUB registration: 20240301-fen1/fen110fa.txt /.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta

fen10-7N, 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 fen1; fen1: Test chart uh_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, L-HDR; $\gamma_R=1.25$
-> $rgb^*_d, 130-0$

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

TUB registration: 20240301-fen1/fen10fa.txt .ps
application for evaluation and measurement of display or print output
TUB material: code rhAtra

Table with columns A-Z and a-a and rows 01-27. Each cell contains a 4x4 grid of numerical values representing color data for different color scales.

fen10 - 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 + k25_n27), 000n*(k, w*(L), nnn0*(m), www*(n), colorm = 1, xchart = 0, pchart = 1

TUB-test chart fen1: fen1: Test chart with 40x27=1080 colours; TMR, DRH 000n/w/cmy0/rgb

Digital equidistant 9 or 16 step colour scales, L-HDR; $\gamma_R=1.25$

->rgb*1, 130:1

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fens.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-fen1/fen110fa.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

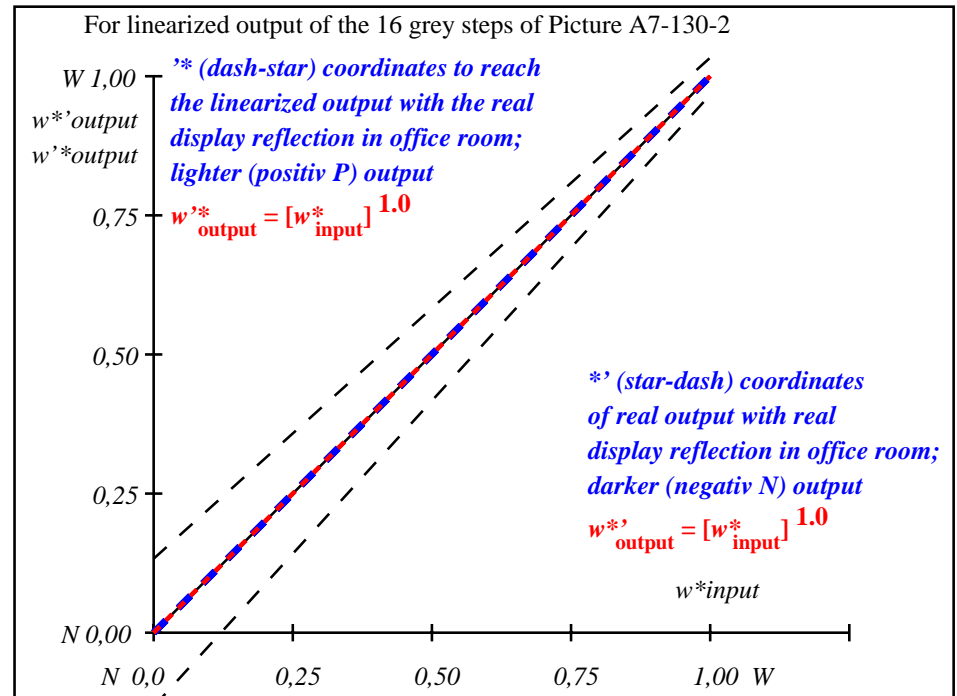
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

fen10-3N-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fen11-3N-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

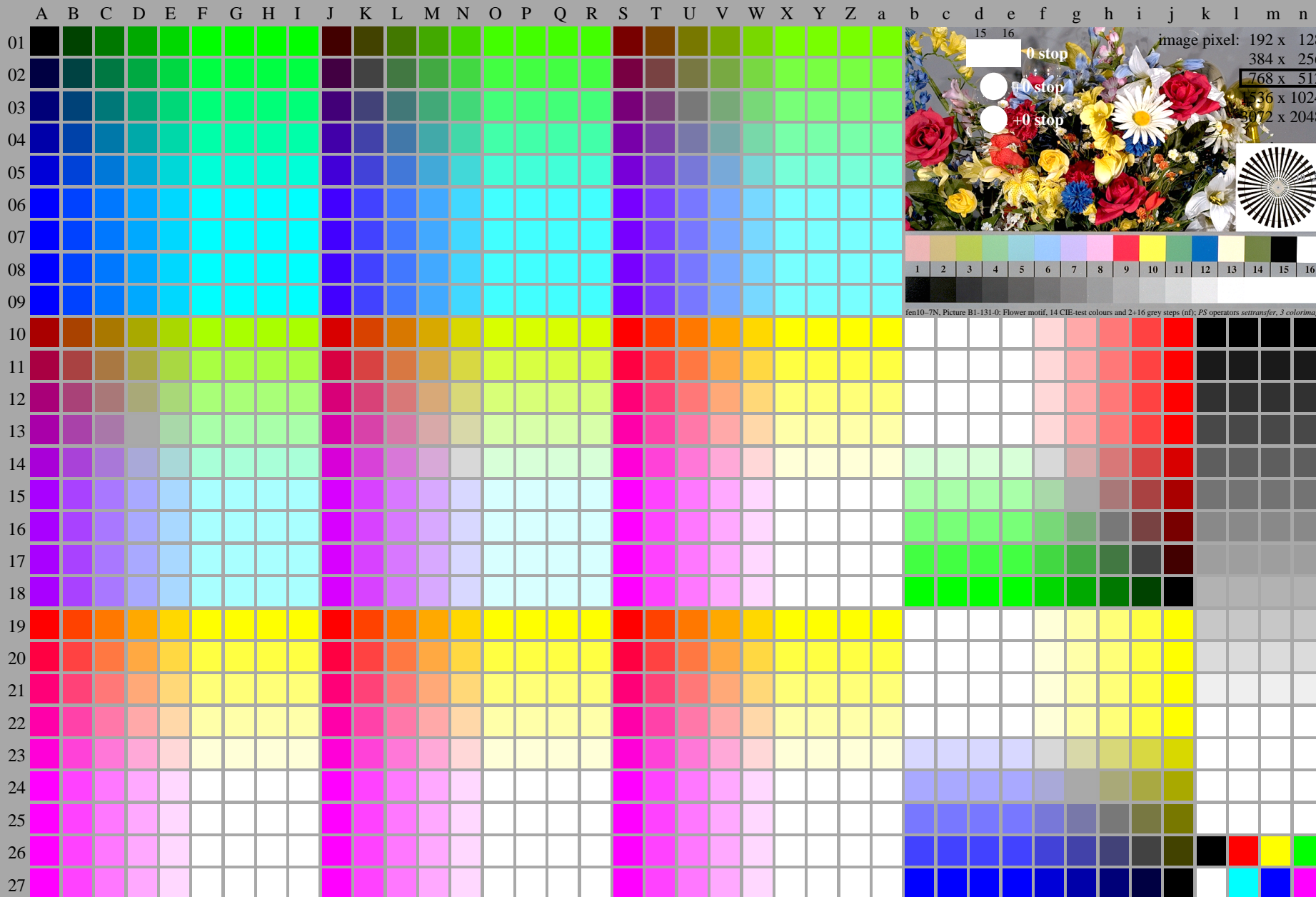
L^*/Y^* _{intended} (absolute)	0.0/0.0	6.4/0.7	12.7/1.5	19.1/2.8	25.4/4.6	31.8/7.0	38.2/10.2	44.5/14.2	50.9/19.2	57.2/25.2	63.6/32.3	70.0/40.7	76.3/50.4	82.7/61.6	89.0/74.3	95.4/88.6
$w^* w^* w^*$ setrgb gp=1.0	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^* = l^*$ (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

fen10-7N-130-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

TUB-test chart fen1; fen1: In-output relation according to ISO 9241-306; 1MR, DH000n/w/cmy0/rgb
 Viewing Y contrast $Y_W:Y_N=88,9:0,31$; Y_N range 0,0 to <0,46, L-HDR; $\gamma_R=1.25$ ->rgb*_d, 130-2:

<http://farbe.li.tu-berlin.de/fen1/fen110fa.txt> /.ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fen1/fen1.htm>

see similar files of the whole series: <http://farbe.li.tu-berlin.de/fens.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-fen1/fen110fa.txt /.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta

fen10-7N, 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 fen1; fen1: Test chart uh_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, L-HDR; $\gamma_R=1.25$
--> $rgb^*_d, 131-0$:

http://farbe.li.tu-berlin.de/fen/fen10fa.t /.ps; only vector graphic VG;
see separate images of this page: http://farbe.li.tu-berlin.de/fen1/fen1.htm

TUB registration: 20240301-fen1/fen10fa.t .ps
application for evaluation and measurement of display or print output
TUB material: code rh4ta

Table with columns labeled A-Z and a-b and rows labeled 01-27. Each cell contains a 4x4 grid of numerical values representing color calibration data.

fen10_27, 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, 000n)* (k), w*(l), nnn0*(m), www*(n), column = 1, pchart = 1

TUB-test chart fen1:fen1: Test chart uh d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, L-HDR; $\gamma_R=1.25$
->rgb*d, 131:1

see similar files of the whole serie: http://farbe.li.tu-berlin.de/fens.htm
technical information: http://farbe.li.tu-berlin.de/AV38172E.htm
or http://standards.iso.org/iso/9241/306/ed-1_Zindex.html

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fens.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-fen1/fen110fa.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

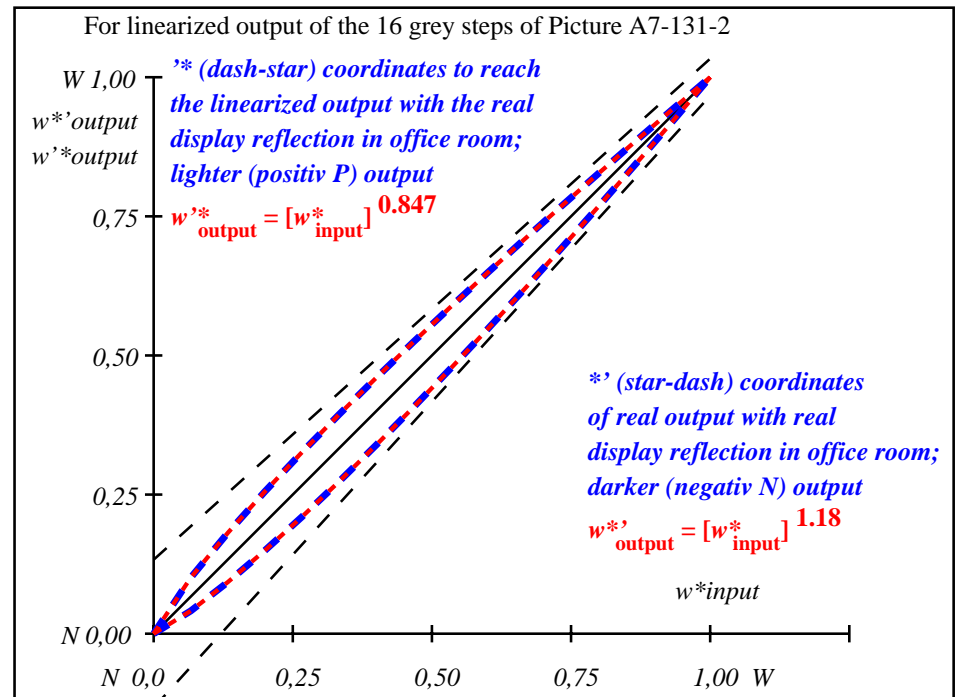
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

fen10-3N-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fen11-3N-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

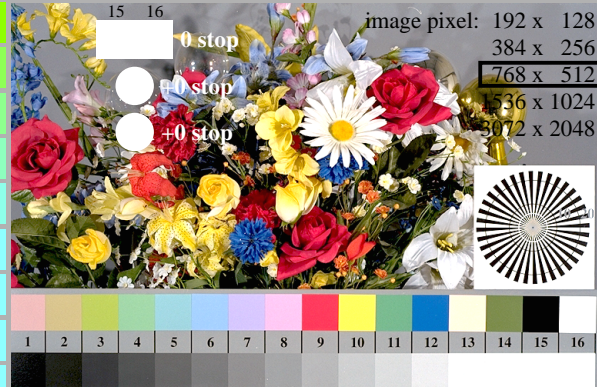
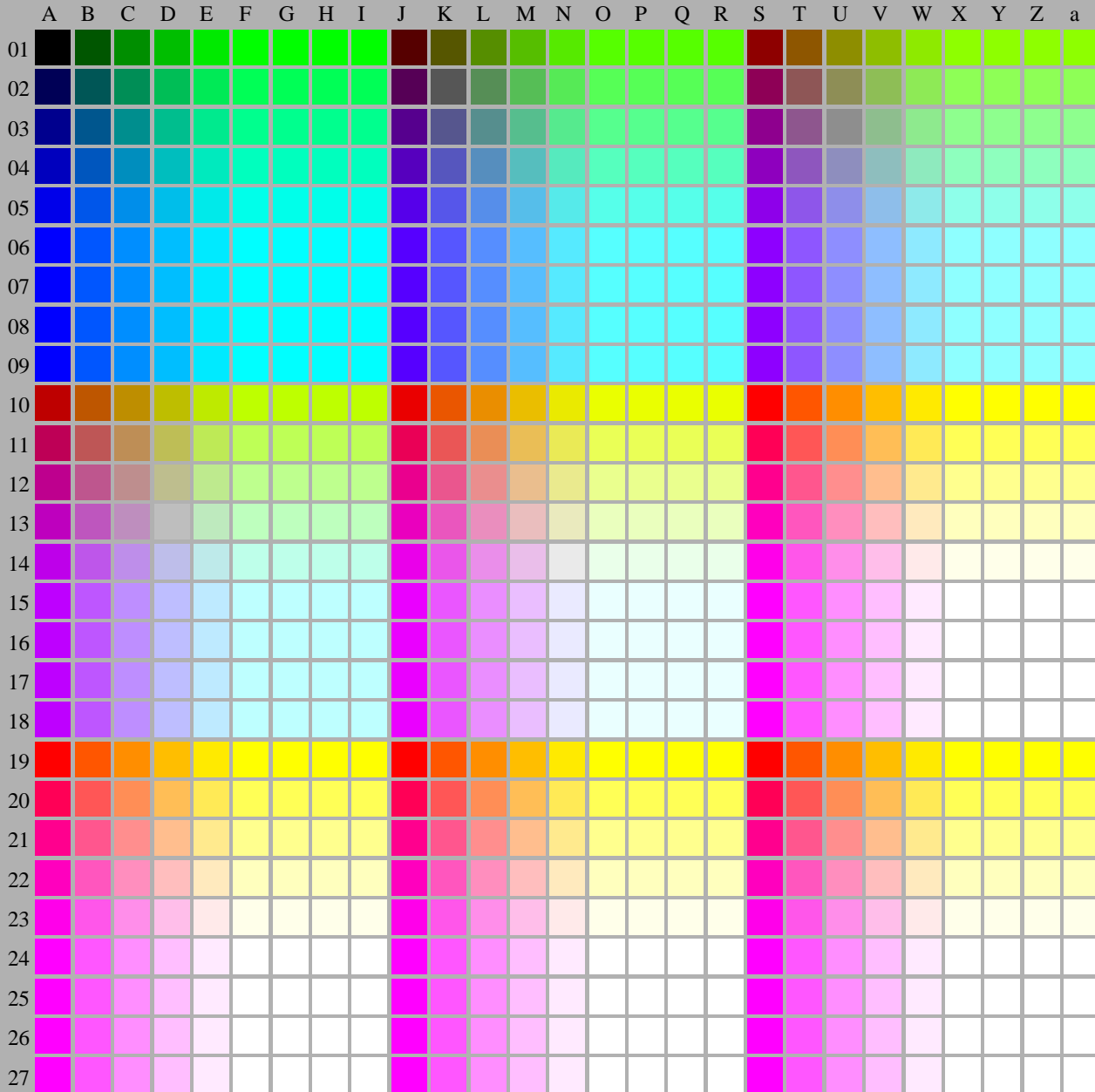
$L^*/Y^*_{intended}$ (absolute)	5.7/0.6	11.7/1.4	17.7/2.4	23.6/4.0	29.6/6.1	35.6/8.8	41.6/12.2	47.6/16.5	53.5/21.5	59.5/27.6	65.5/34.7	71.5/42.9	77.5/52.3	83.4/63.0	89.4/75.1	95.4/88.6
$w^* w^* w^*$ setrgb																
gp=0.92																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^* = l^*_{CIELAB, r}$ (relative)																
$w^*_{intended}$	0,000	0,067	0,133	0,200	0,267	0,333	0,400	0,467	0,533	0,600	0,667	0,733	0,800	0,867	0,933	1,000
w^*_{out}	0,0	0,082	0,155	0,226	0,295	0,362	0,428	0,494	0,559	0,623	0,688	0,75	0,814	0,876	0,938	1,0

fen10-7N-131-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

TUB-test chart fen1; fen1: In-output relation according to ISO 9241-306; 1MR, DH000n/w/cmy0/rgb
Viewing Y contrast $Y_W:Y_N=88,9:0,62$; Y_N range 0,46 to <0,93, L-HDR; $\gamma_R=1.25$ ->rgb*d, 131-2:

<http://farbe.li.tu-berlin.de/fen1/fen110fa.txt> /.ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fen1/fen1.htm>

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

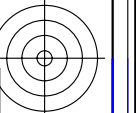
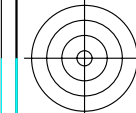


fen10-7N, Picture B1-132-0: Flower motif, 14 CIE-test colours and 2+16 grey steps (n); PS operators settransfer, 3 colorimage

fen10-7N, 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 fen1; fen1: Test chart uh_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, L-HDR; $\gamma_R=1.25$
-> rgb^*_d , 132-0:

TUB registration: 20240301-fen1/fen110fa.txt /.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta



see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fen1/fen10fa.txt>
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>
or <http://standards.iso.org/9241/306/ed-2/index.html>

TUB registration: 20240301-fen1/fen10fa.txt .ps
application for evaluation and measurement of display or print output
TUB material: code rha1ra

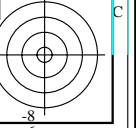
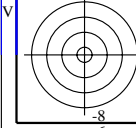


Table with columns A-Z and a-b and rows 01-27. Each cell contains a 12x12 grid of numerical values representing color data for different colorants and process colors.

fen10_75_Pages 2/16, Test chart G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): rgb*(A_j + k26_n27, 000n*(k, w*(l, nnn0*(m, www*(n), colormap = 1, xchart = 2, pchart = 1

TUB-test chart fen1:fen1 Test chart wh_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, L-HDR; $\gamma_R=1.25$

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fens.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-fen1/fen110fa.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

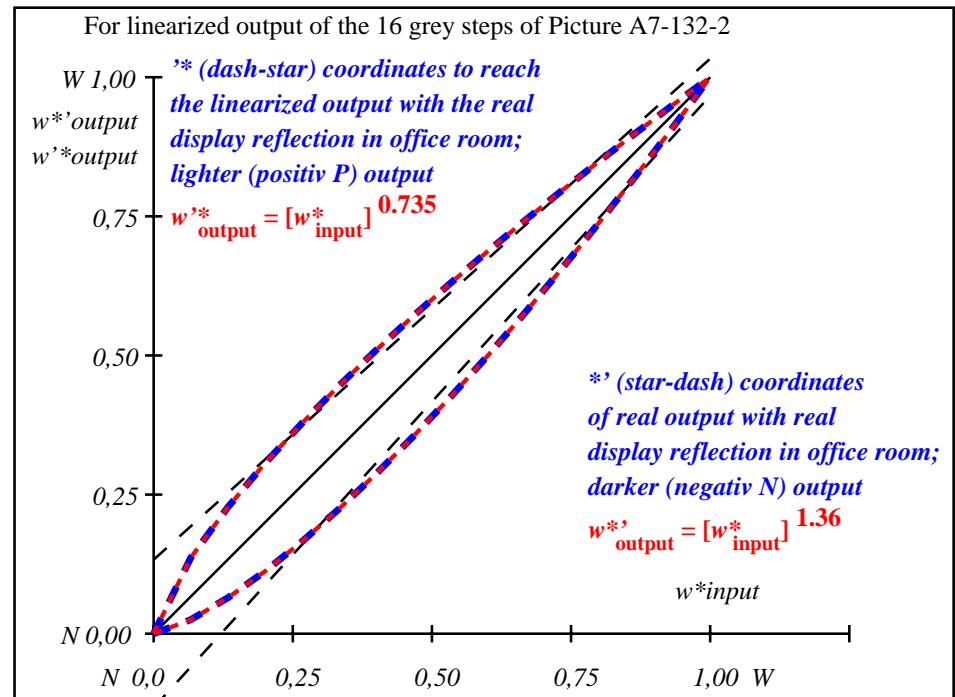
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

fen10-3N-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



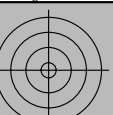
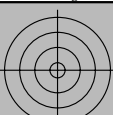
fen11-3N-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (absolute)	11.0/1.3	16.6/2.2	22.2/3.6	27.9/5.4	33.5/7.8	39.1/10.7	44.8/14.4	50.4/18.7	56.0/23.9	61.6/30.0	67.3/37.0	72.9/45.0	78.5/54.1	84.2/64.4	89.8/75.8	95.4/88.6
$w^* w^* w^*$ setrgb	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
$w^*_{intended}$	0,0	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

fen10-7N-132-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

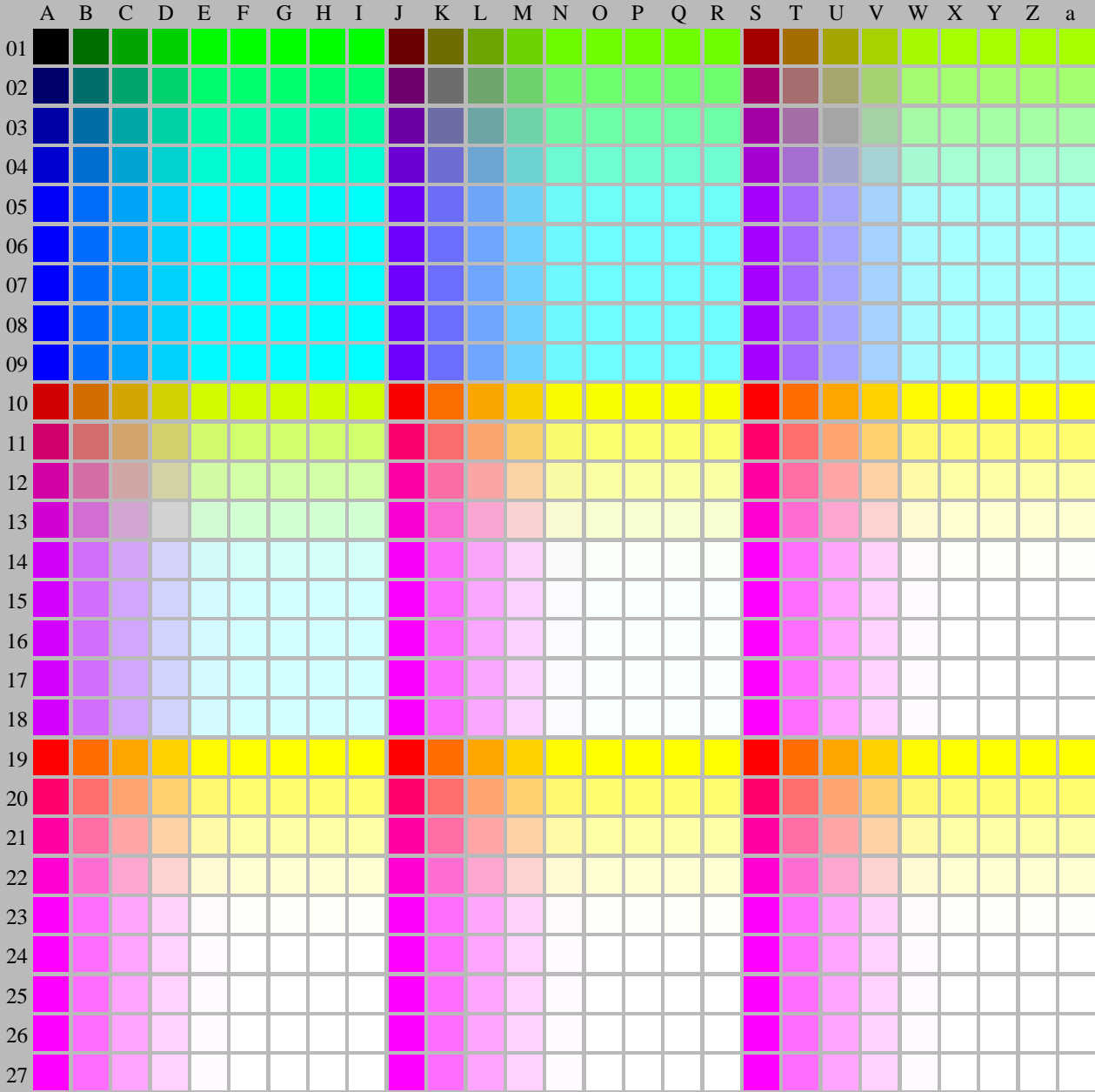
TUB-test chart fen1; fen1: In-output relation according to ISO 9241-306; 1MR, DH000n/w/cmy0/rgb
Viewing Y contrast $Y_W:Y_N=88,9:1,25$; Y_N range 0,93 to <1,87, L-HDR; $\gamma_R=1.25$ ->rgb*_d, 132-2:

<http://farbe.li.tu-berlin.de/fen1/fen110fa.txt> /.ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fen1/fen1.htm>



see similar files of the whole series: <http://farbe.li.tu-berlin.de/fens.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-fen1/fen110fa.txt /.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta



fen10-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*(A_n)$, colorm = 1, xchart = 3, pchart = 0

TUB-test chart fen1; fen1: Test chart uh_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, L-HDR; $\gamma_R=1.25$
-> rgb^*_d , 133-0:



see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fens.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-fen1/fen110fa.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

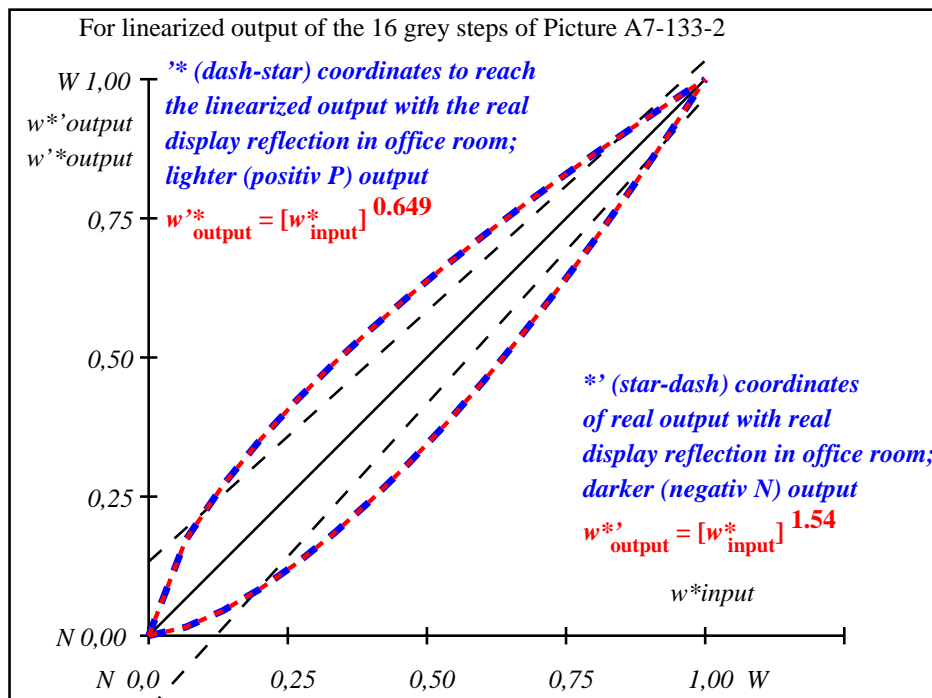
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

fen10-3N-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



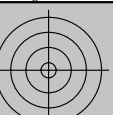
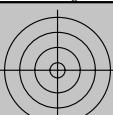
fen11-3N-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

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

fen10-7N-133-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

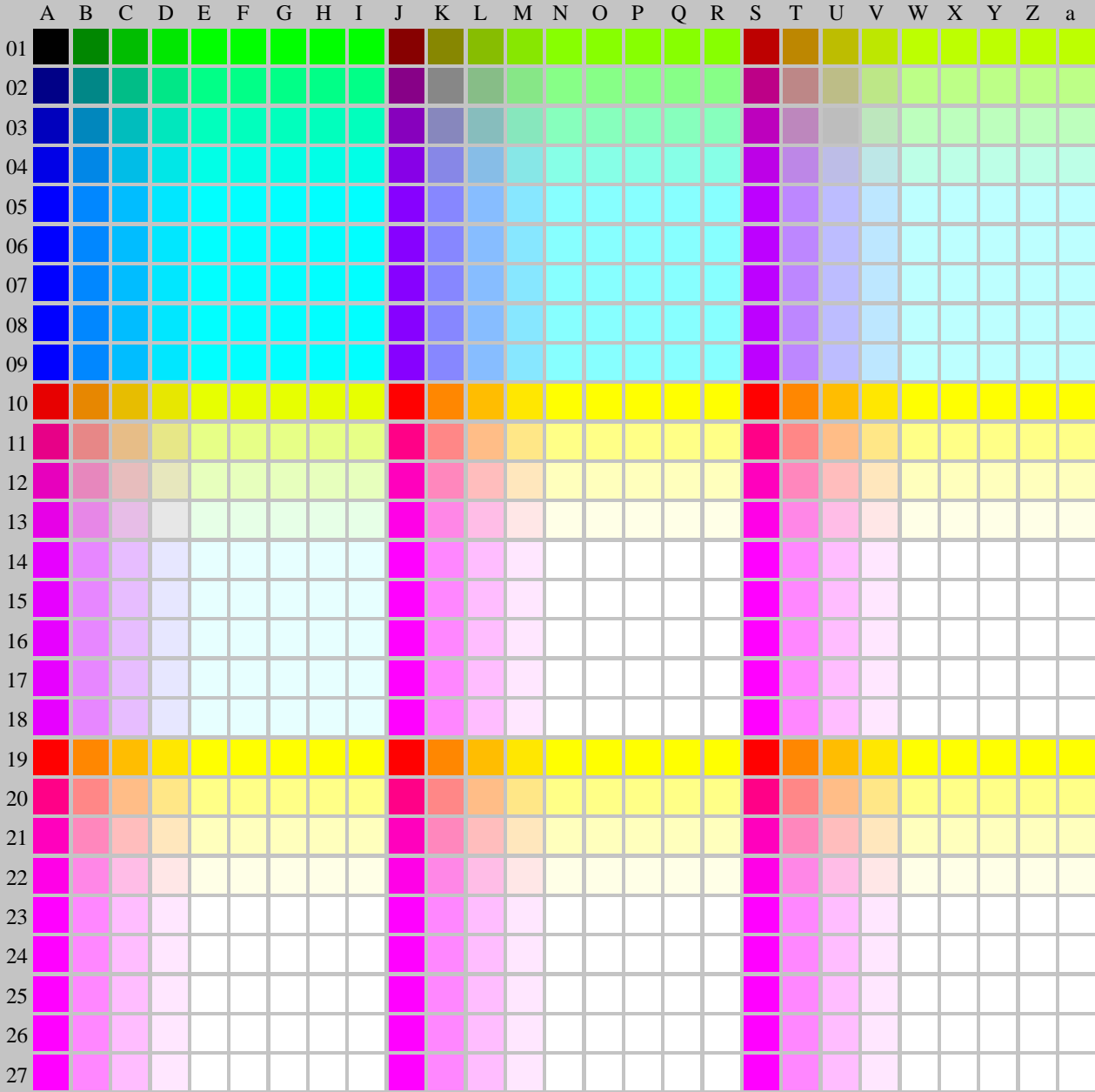
TUB-test chart fen1; fen1: In-output relation according to ISO 9241-306; 1MR, DH000n/w/cmy0/rgb
 Viewing Y contrast $Y_W:Y_N=88,9:2,5$; Y_N range 1,87 to <3,75, L-HDR; $\gamma_R=1.25$ ->rgb*d, 133-2:

<http://farbe.li.tu-berlin.de/fen1/fen110fa.txt> /.ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fen1/fen1.htm>

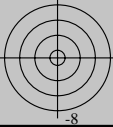


see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fens.htm>
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fen1/fen110fa.txt /.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta



fen10-7N, 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 fen1; fen1: Test chart uh_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, L-HDR; $\gamma_R=1.25$
-> rgb^*_d , 134-0:

http://farbe.li.tu-berlin.de/fen1/fen10a.fx.t /.ps; only vector graphic VG;
see separate images of this page: http://farbe.li.tu-berlin.de/fen1/fen1.htm

TUB registration: 20240301-fen1/fen10a.fx.t .ps
application for evaluation and measurement of display or print output
TUB material: Code rhAtra

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/A/3872E.htm>
technical information: <http://farbe.li.tu-berlin.de/A/3872E.htm>
or <http://standards.iso.org/iso/9241/306/ed-1/index.html>

Table with 28 rows (01-27) and columns labeled with letters A-Z and a-n. Each cell contains numerical data for color calibration.

fen10_16, Page 2/16, Test chart G with 40x27=1080 colors; digital equivalent 9 or 16 step color scales; Colour data in column (A-n): $rgb^*(A_j + k26_n27)$, $000n^*(k)$, $w^*(l)$, $nnn0^*(m)$, $www^*(n)$, column = 1, xchart = 4, pchart = 1

TUB-test chart fen1: fen1: Test chart with 40x27=1080 colors; 1MR, DH 000n/w/cmy0/rgb
Digital equivalent 9 or 16 step color scales, L-HDR; $\gamma_R=1.25$
-> $rgb^*_d, 134:1$

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fens.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-fen1/fen110fa.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	0.21	41.05	0.0	9.63
3	35.99	0.0	0.31	48.1	0.0	12.11
4	40.56	0.0	0.39	53.75	0.0	13.18
5	45.13	0.0	0.46	58.64	0.0	13.51
6	49.7	0.0	0.53	63.05	0.0	13.34
7	54.27	0.0	0.59	67.09	0.0	12.82
8	58.84	0.0	0.64	70.87	0.0	12.02
9	63.41	0.0	0.69	74.42	0.0	11.01
10	67.99	0.0	0.74	77.79	0.0	9.81
11	72.56	0.0	0.79	81.01	0.0	8.46
12	77.13	0.0	0.84	84.1	0.0	6.97
13	81.7	0.0	0.88	87.07	0.0	5.37
14	86.27	0.0	0.92	89.94	0.0	3.67
15	90.84	0.0	0.96	92.71	0.0	1.88
16	95.41	0.0	1.0	95.41	0.0	0.01
17	26.85	0.0	0.0	26.85	0.0	0.01
18	43.99	0.0	0.45	57.47	0.0	13.48
19	61.13	0.0	0.67	72.67	0.0	11.54
20	78.27	0.0	0.85	84.85	0.0	6.58
21	95.41	0.0	1.0	95.41	0.0	0.01

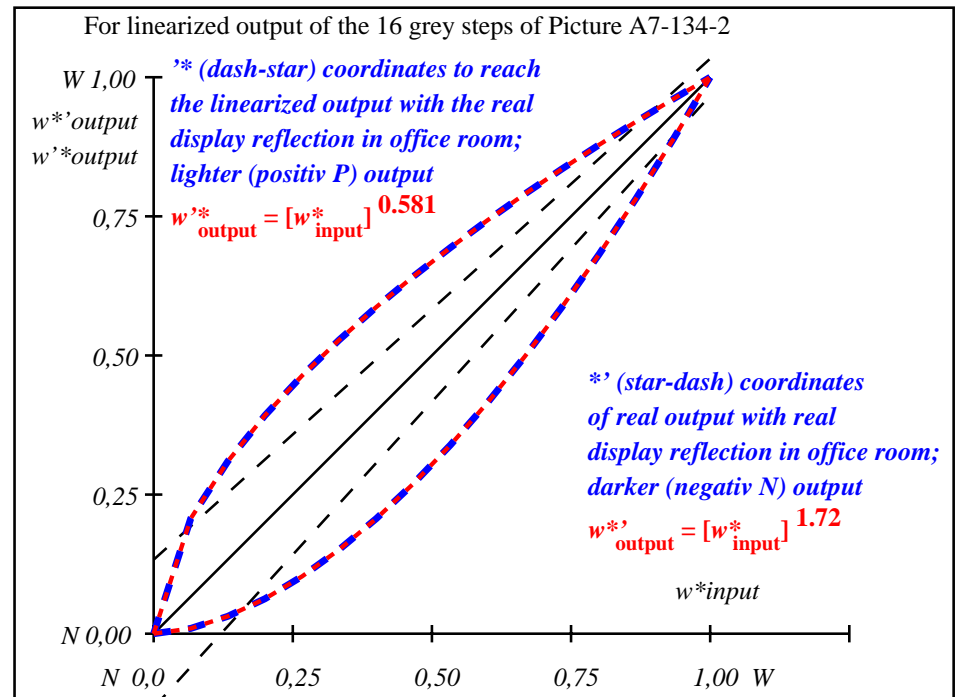
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

fen10-3N-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



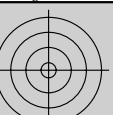
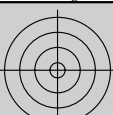
fen11-3N-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (absolute)	26.8/5.0	31.4/6.8	36.0/9.0	40.6/11.6	45.1/14.6	49.7/18.2	54.3/22.2	58.8/26.9	63.4/32.1	68.0/38.0	72.6/44.5	77.1/51.7	81.7/59.7	86.3/68.5	90.8/78.1	95.4/88.6
$w^* w^* w^*$ setrgb																
gp=0.7																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^* = l^*_{CIELAB, r}$ (relative)																
$w^*_{intended}$	0,000	0,067	0,133	0,200	0,267	0,333	0,400	0,467	0,533	0,600	0,667	0,733	0,800	0,867	0,933	1,000
w^*_{out}	0,0	0,151	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

fen10-7N-134-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

TUB-test chart fen1; fen1: In-output relation according to ISO 9241-306; 1MR, DH000n/w/cmy0/rgb
 Viewing Y contrast $Y_W:Y_N=88,9:5$; Y_N range 3,75 to <7,5, L-HDR; $\gamma_R=1.25$ ->rgb*d, 134-2:

<http://farbe.li.tu-berlin.de/fen1/fen110fa.txt> /.ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fen1/fen1.htm>

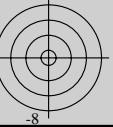
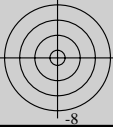


see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fens.htm>
technical information: <http://farbe.li.tu-berlin.de/A/33872E.html>
or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fen1/fen110fa.txt /.ps
application for evaluation and measurement of display or print output



fen10-7N, 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 fen1; fen1: Test chart uh_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, L-HDR; $\gamma_R=1.25$
-> $rgb^*_d, 135-0$:

<http://farbe.li.tu-berlin.de/fen1/fen110fa.txt> / .ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fen1/fen1.htm>

	V																												D																												M																												C																											
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	l	m	n																																																																								
01	0.0000	0.0001	0.0002	0.0003	0.0004	0.0005	0.0006	0.0007	0.0008	0.0009	0.0010	0.0011	0.0012	0.0013	0.0014	0.0015	0.0016	0.0017	0.0018	0.0019	0.0020	0.0021	0.0022	0.0023	0.0024	0.0025	0.0026	0.0027	0.0028	0.0029	0.0030	0.0031	0.0032	0.0033	0.0034	0.0035	0.0036	0.0037	0.0038	0.0039	0.0040	0.0041	0.0042	0.0043	0.0044	0.0045	0.0046	0.0047	0.0048	0.0049	0.0050																																																													

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fen1/fen110fa.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-fen1/fen110fa.txt .ps
application for evaluation and measurement of display or print output

TUB material: code rh41ra

fen10-70, 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-n); (A_j+k26-N), 000n*(k), w*(l), nnn0*(m), www*(n), l, xchart = 1, pchart = 1

TUB-test chart fen1: fen1: Test chart wh d08 with 40x27=1080 colours; 1MR, DH 000n/w/cm/y/rgb
Digital equidistant 9 or 16 step colour scales, L-HDR; γ_R=1.25

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fens.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-fen1/fen110fa.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
2	41.81	0.0	0.24	51.79	0.0
3	45.64	0.0	0.35	57.87	0.0
4	49.47	0.0	0.43	62.6	0.0
5	53.3	0.0	0.5	66.63	0.0
6	57.13	0.0	0.56	70.19	0.0
7	60.96	0.0	0.62	73.44	0.0
8	64.78	0.0	0.67	76.44	0.0
9	68.61	0.0	0.72	79.23	0.0
10	72.44	0.0	0.76	81.87	0.0
11	76.27	0.0	0.81	84.37	0.0
12	80.1	0.0	0.85	86.76	0.0
13	83.93	0.0	0.89	89.05	0.0
14	87.75	0.0	0.93	91.24	0.0
15	91.58	0.0	0.96	93.36	0.0
16	95.41	0.0	1.0	95.41	0.0
17	37.99	0.0	0.0	37.99	0.0
18	52.34	0.0	0.48	65.67	0.0
19	66.7	0.0	0.69	77.86	0.0
20	81.05	0.0	0.86	87.34	0.0
21	95.41	0.0	1.0	95.41	0.0

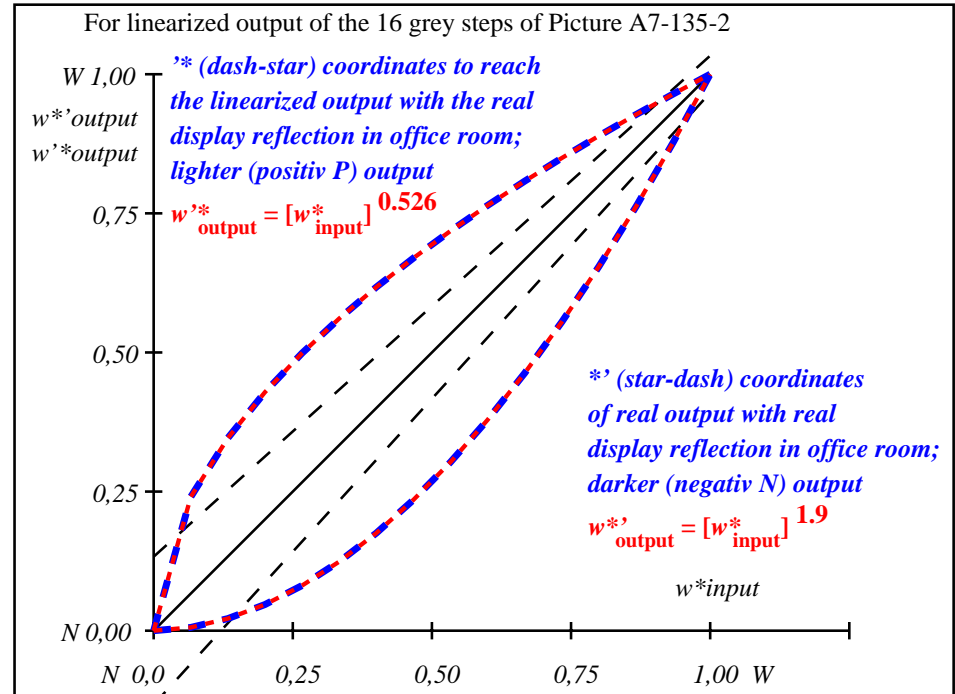
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

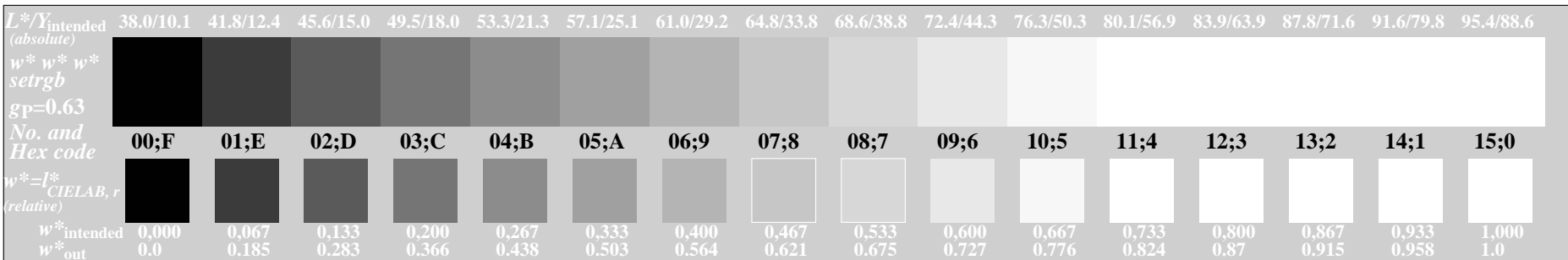
Mean lightness difference (5 steps)
 $\Delta L^*_{CIELAB} = 6.2$

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

fen10-3N-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

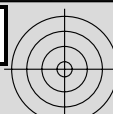
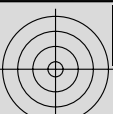


fen11-3N-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



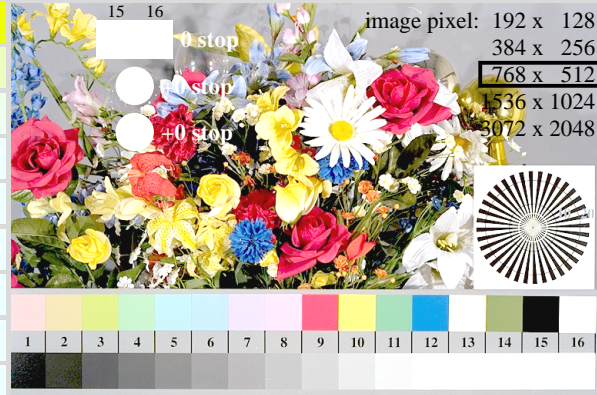
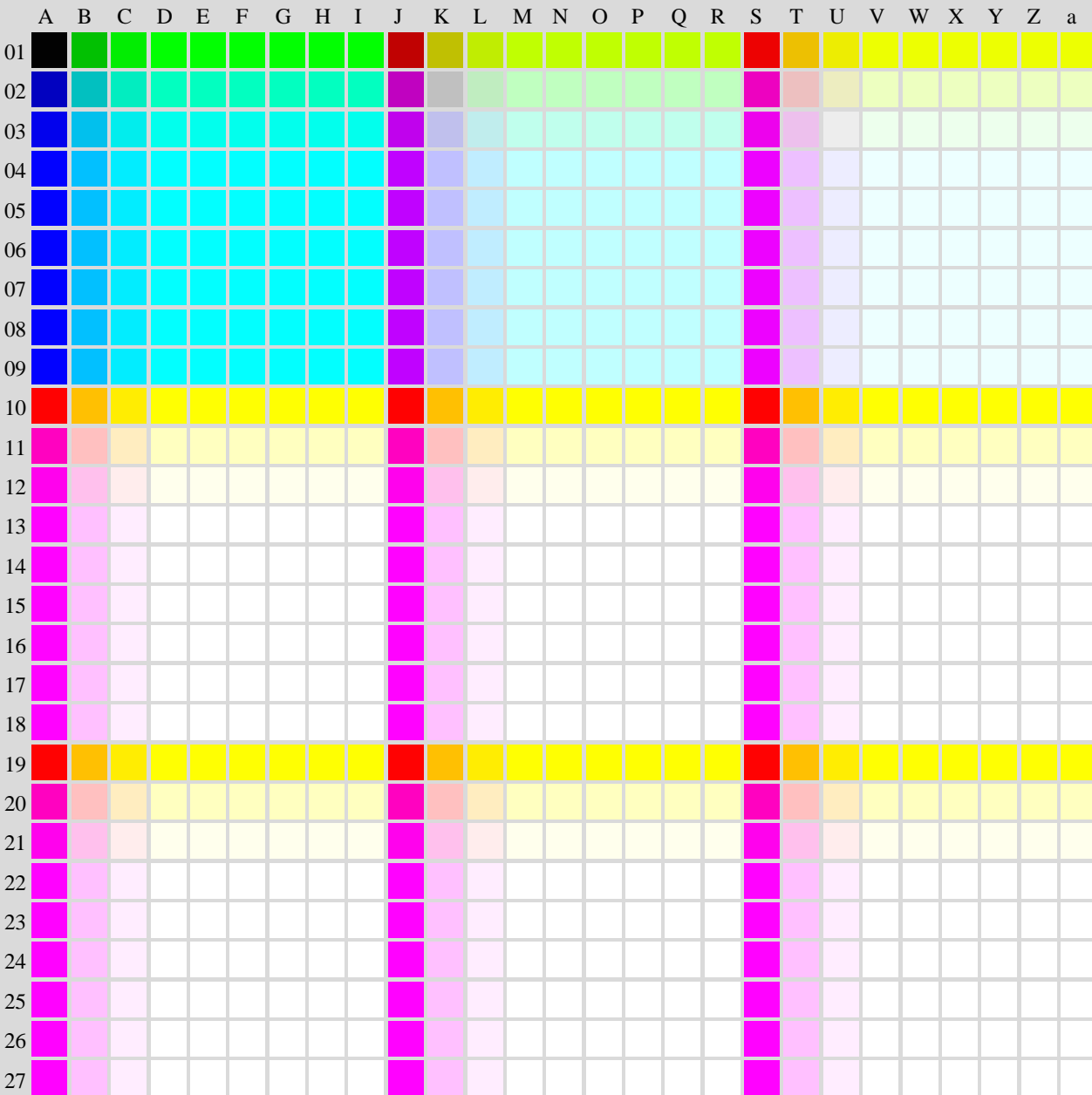
TUB-test chart fen1; fen1: In-output relation according to ISO 9241-306; 1MR, DH000n/w/cmy0/rgb
Viewing Y contrast $Y_W:Y_N=88,9:10$; Y_N range 7,5 to <15, L-HDR; $\gamma_R=1.25$ ->rgb*d, 135-2:

<http://farbe.li.tu-berlin.de/fen1/fen110fa.txt> /.ps; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fen1/fen1.htm>



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

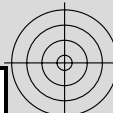
TUB registration: 20240301-fen1/fen110fa.txt /.ps
application for evaluation and measurement of display or print output



fen10-7N, Picture B1-136-0: Flower motif, 14 CIE-test colours and 2+16 grey steps (n); PS operators *settransfer, 3 colorimage*

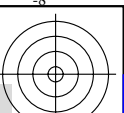
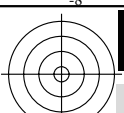
fen10-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*(A_n)$, $colorm = 1$, $xchart = 6$, $pchart = 0$

TUB-test chart fen1; fen1: Test chart uh_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, L-HDR; $\gamma_R=1.25$
-> $rgb^*_d, 136-0$:



<http://farbe.li.tu-berlin.de/fen1/fen110fa.txt> /ps; only vector graphic VG;

see separate images of this page: <http://farbe.li.tu-berlin.de/fen1/fen1.htm>



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

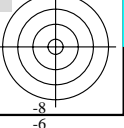
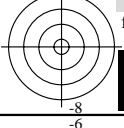
A 27x27 color calibration table with 27 rows and 27 columns labeled A-Z and a-z. Each cell contains 27 numerical values representing colorimetric data for a specific color patch.

TUB registration: 20240301-fen1/fen110fa.txt .ps
application for evaluation and measurement of display or print output
TUB material: code rha1ra

fen10-70, Page 2/16, Test chart G with 40x27=1080 colours; digital equivalent n 9 or 16 step colour scales; Colour data in column (A-n): $rgb^* \cdot (A_j + k26_n27)$, $000n^* \cdot (k, w^* \cdot (l, nnn0^* (m, www^* (n), colorm = 1, xchart = 6, pchart = 1$

TUB-test chart fen1: fen1: Test chart uh d08 with 40x27=1080 colours; YMR, DH 000n/w/cmy0/rgb

Digital equivalent n 9 or 16 step colour scales, L-HDR; $\gamma_R=1.25 \rightarrow rgb^*_d, 136:1$



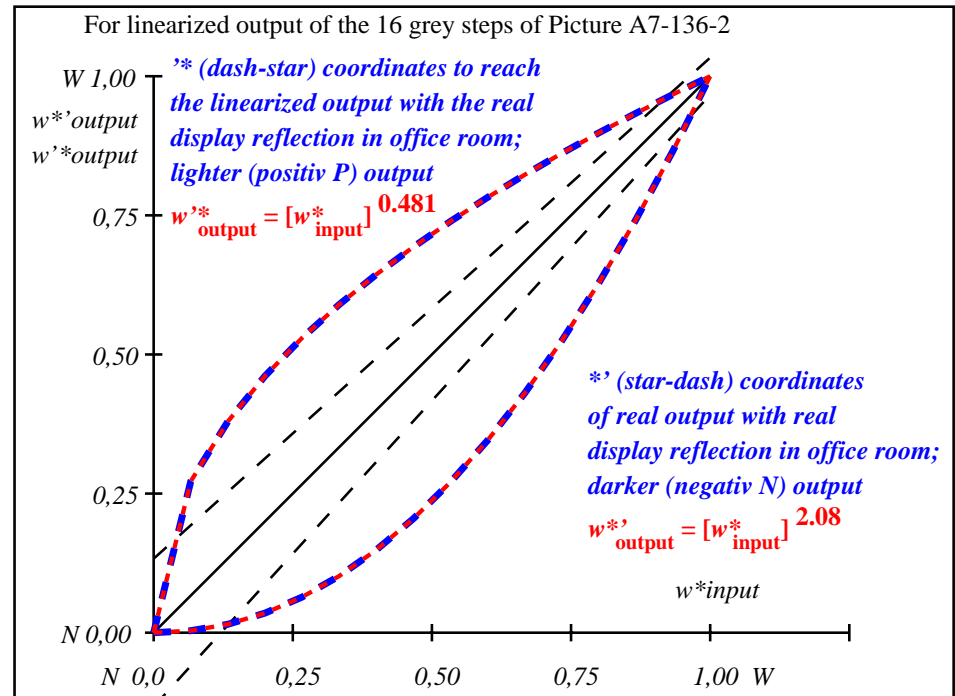
see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fens.htm>
 technical information: <http://farbe.li.tu-berlin.de/A/33872E.htm>
 or <http://standards.iso.org/iso/9241/306/ed-2/index.html>

TUB registration: 20240301-fen1/fen110fa.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: $R^*_{ab,m} = 70$

fen10-3N-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



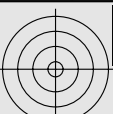
fen11-3N-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (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

fen10-7N-136-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

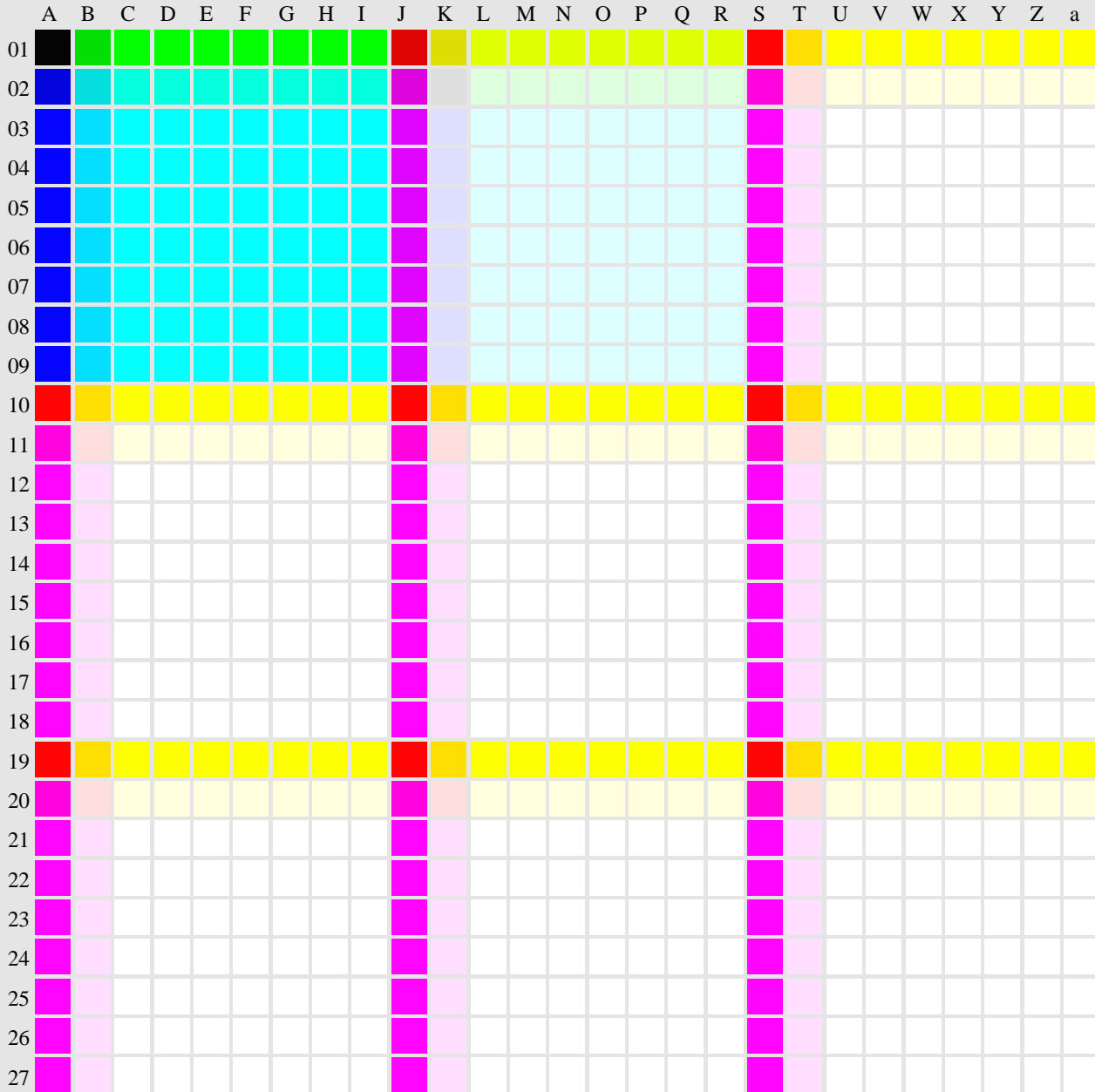
TUB-test chart fen1; fen1: In-output relation according to ISO 9241-306; 1MR, DH000n/w/cmy0/rgb
 Viewing Y contrast $Y_W:Y_N=88,9:20$; Y_N range 15 to <30, L-HDR; $\gamma_R=1.25$ ->rgb*d, 136-2:

<http://farbe.li.tu-berlin.de/fen1/fen110fa.txt/.ps>; only vector graphic VG;
see separate images of this page: <http://farbe.li.tu-berlin.de/fen1/fen1.htm>



see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fens.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-fen1/fen110fa.txt/.ps
application for evaluation and measurement of display or print output
TUB material: code=rh4ta



fen10-7N, Picture B1-137-0: Flower motif, 14 CIE-test colours and 2+16 grey steps (n); PS operators *settransfer, 3 colorimage*

fen10-7N, 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 fen1; fen1: Test chart uh_d08 with 40x27=1080 colours; 1MR, DH 000n/w/cmy0/rgb
Digital equidistant 9 or 16 step colour scales, L-HDR; $\gamma_R=1.25$
-> $rgb^*_d, 137-0$:



Main table of color data for the TUB test chart, organized by rows (01-27) and columns (A-Z, a-z). Each cell contains a set of colorimetric values (L*, a*, b*) for a specific color patch.

fen10-70, 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-n), 000n*(k), w*(l), nnn0*(m), www*(n), colormap = 1, xchart = 7, pchart = 1

TUB-test chart fen1:fen1 with 40x27=1080 colour scales; MR, DH 000n/w/cmy0/rgb Digital equidistant 9 or 16 step colour scales, L-HDR; YR=1.25

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

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/fens.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-fen1/fen110fa.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

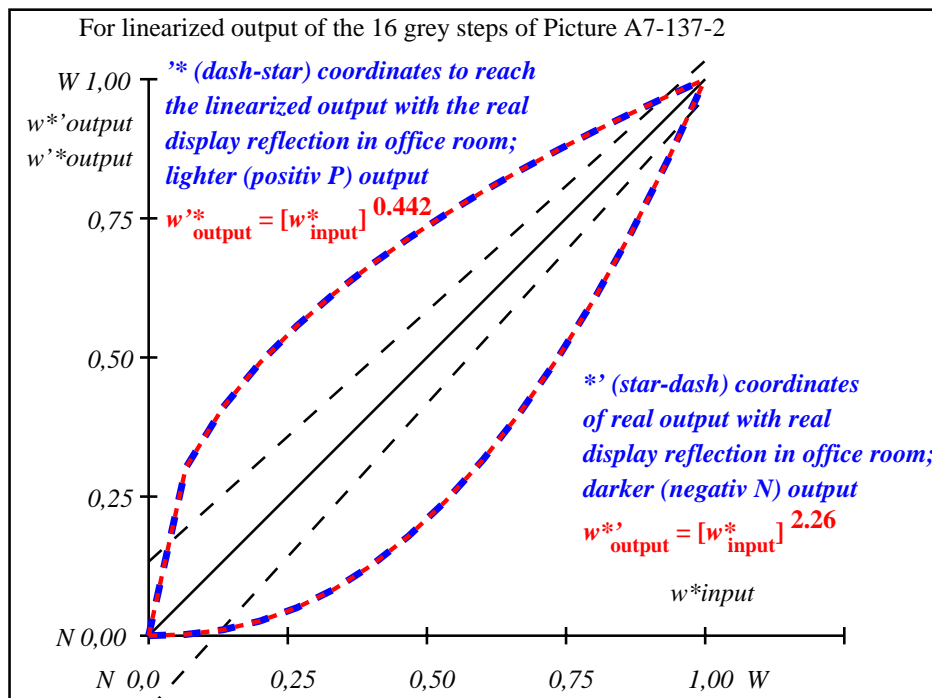
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

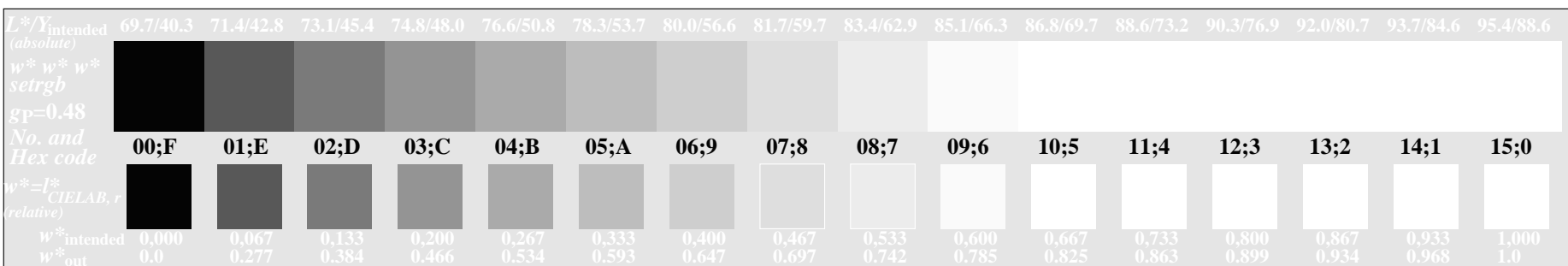
Mean lightness difference (5 steps) $\Delta L^*_{CIELAB} = 3.4$

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

fen10-3N-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fen11-3N-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



fen10-7N-137-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^* setrgbcolor$