

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIHLAB

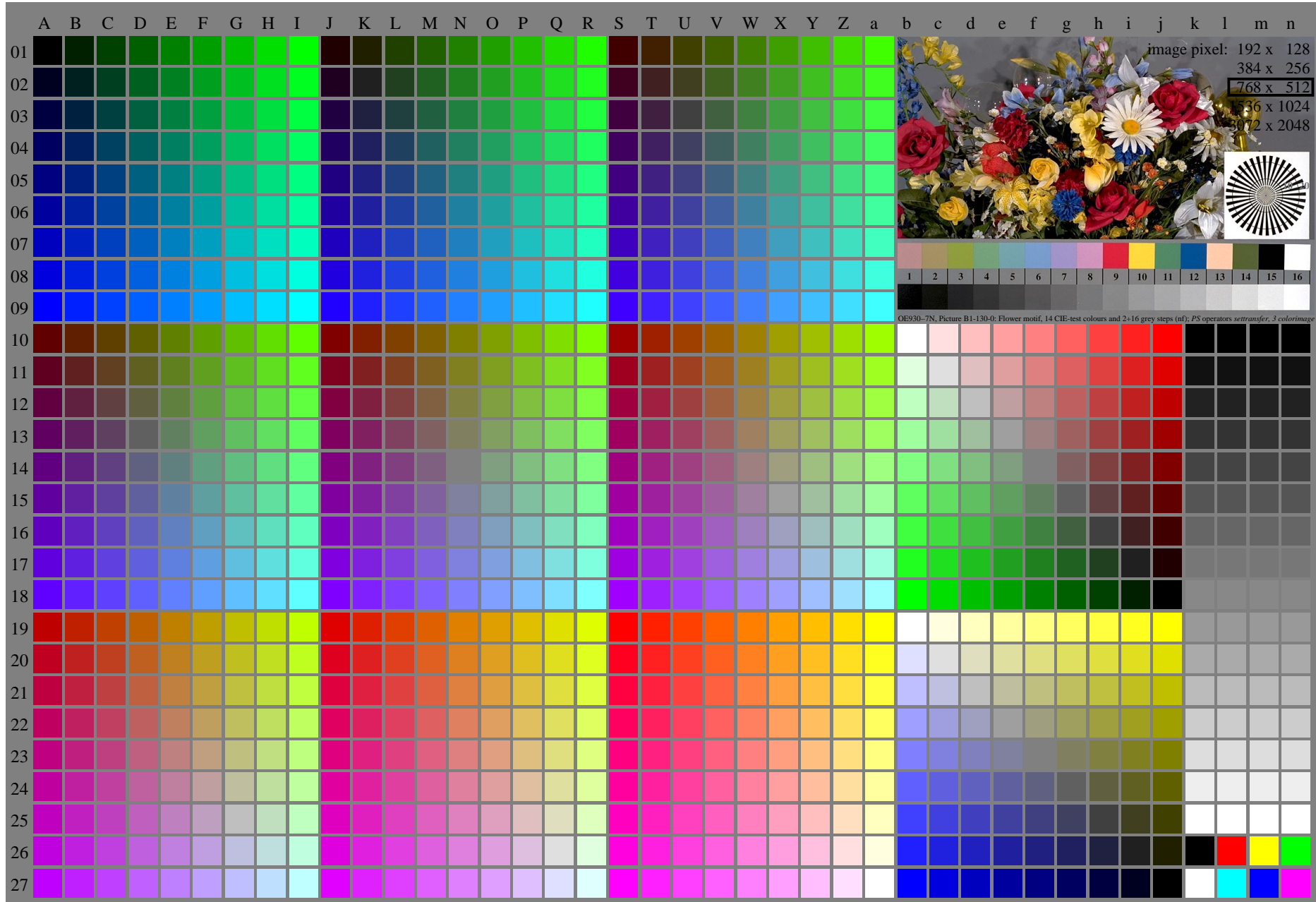
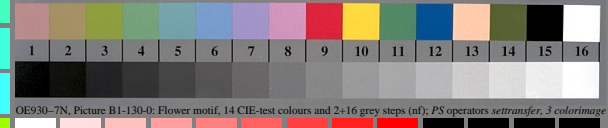


image pixel: 192 x 128
384 x 256
768 x 512
1536 x 1024
3072 x 2048



OE930-7N. Picture B1-130-0: Flower motif, 14 CIE-test colours and 2+16 grey steps (nf); PS operators settransfer; 3 colorimage

TUB registration: 20110801-OE93/OE93L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=thada4ta

OE930-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*_{i,j}$ (A_n), colorm = 1, xchart = 0, pchart = 0

OE93: Test chart 2G with 40x27=1080 colours; 1MR, DH
Digital equidistant 9 or 16 step colour scales

input: $000n/w/cmy0/rgb$ (-> rgb^*_d)
output 130-0: $g_p=1.0; g_N=1.0$

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
 Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIE LAB

TUB registration: 20110801-OE93/OE93L0NA.TXT /.PS
 application for output of displays: monitor systems or data projector systems
 TUB material: code=rhadata

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

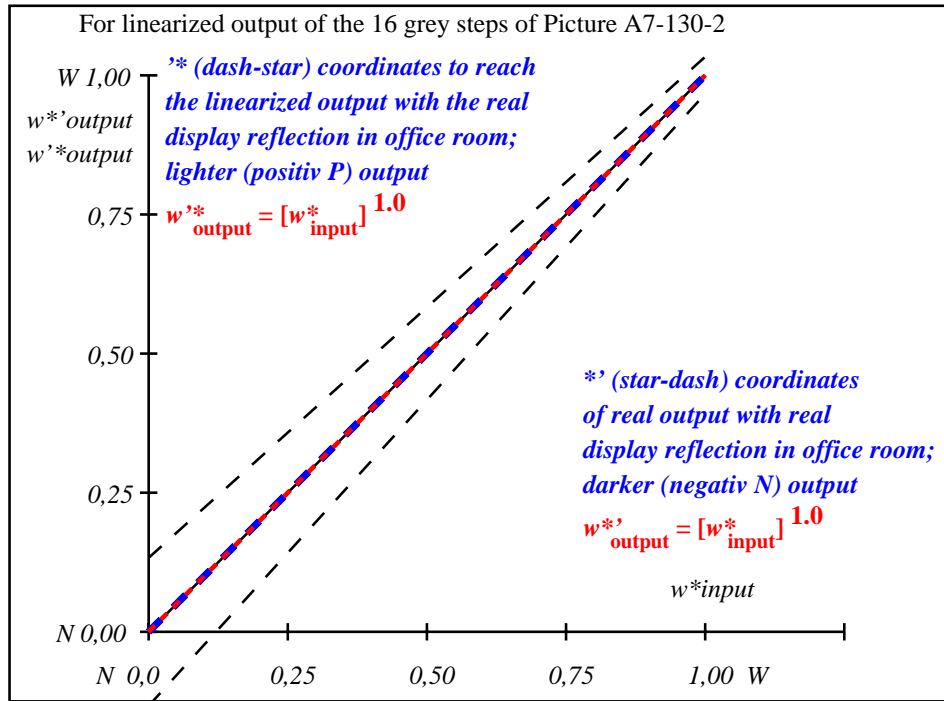
i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE^*
1	0.0	0.0	0.0	0.0	0.01
2	6.36	0.0	0.07	6.36	0.01
3	12.72	0.0	0.13	12.72	0.01
4	19.08	0.0	0.2	19.08	0.01
5	25.44	0.0	0.27	25.44	0.01
6	31.8	0.0	0.33	31.8	0.01
7	38.16	0.0	0.4	38.16	0.01
8	44.52	0.0	0.47	44.52	0.01
9	50.89	0.0	0.53	50.89	0.01
10	57.25	0.0	0.6	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

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

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

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

OE930-3A-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



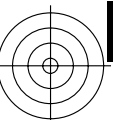
OE931-3N-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (absolute)	0.0/0.0	6.4/0.7	12.7/1.5	19.1/2.8	25.4/4.6	31.8/7.0	38.2/10.2	44.5/14.2	50.9/19.2	57.2/25.2	63.6/32.3	70.0/40.7	76.3/50.4	82.7/61.6	89.0/74.3	95.4/88.6
$w^* w^* w^*$ setrgb gp=1.0																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^* = l^*$ CIE LAB, r (relative)																
$w^*_{intended}$	0,000	0,067	0,133	0,200	0,267	0,333	0,400	0,467	0,533	0,600	0,667	0,733	0,800	0,867	0,933	1,000
w^*_{out}	0.0	0.067	0.133	0.2	0.267	0.333	0.4	0.467	0.533	0.6	0.667	0.733	0.8	0.867	0.933	1.0

OE930-7N, Picture A7-130-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*_{setrgbcolor}$

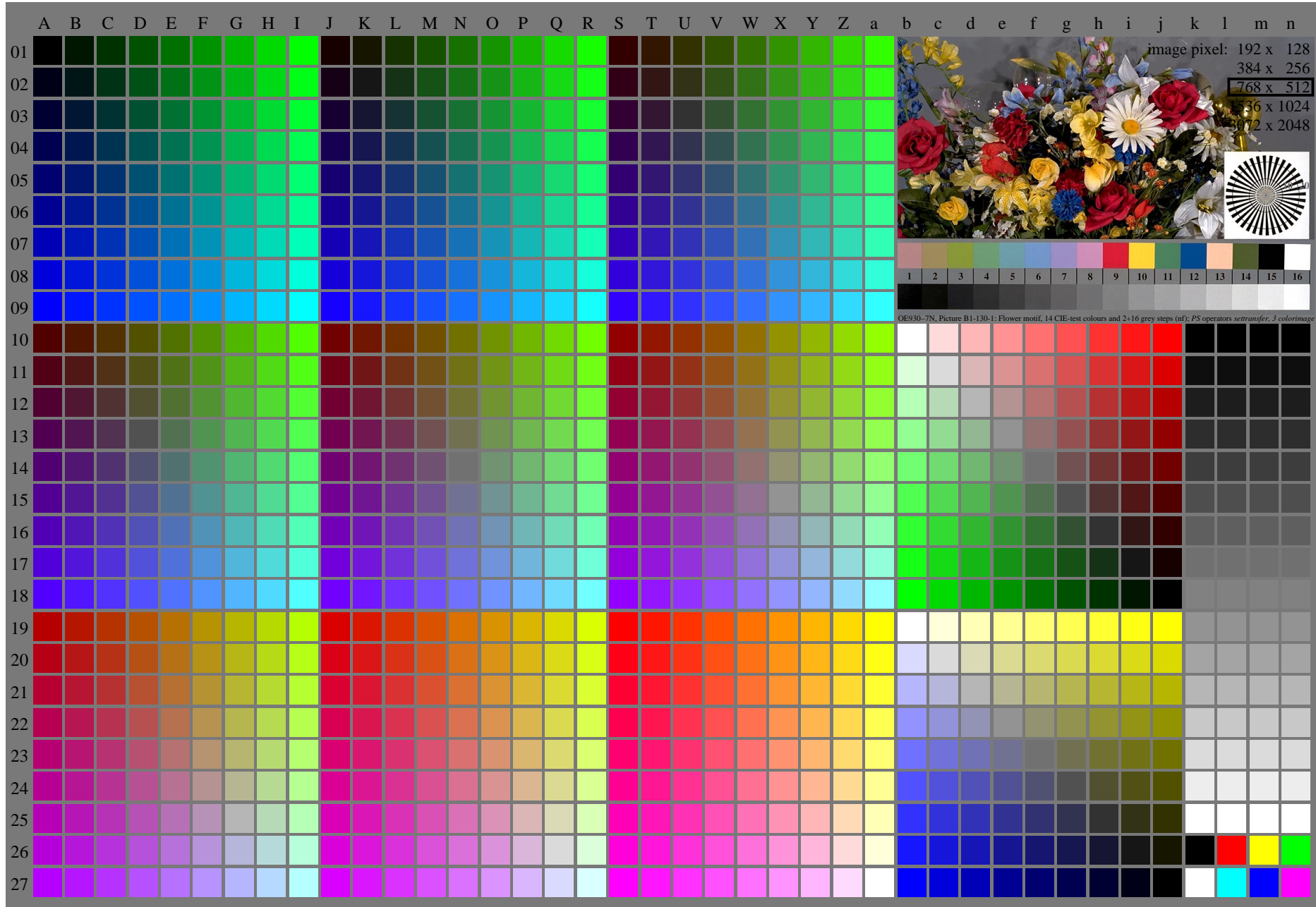
OE93: In-output relation according to ISO 9241-306; 1MR, DH
 Viewing Y contrast $Y_W:Y_N=88,9:0,31$; Y_N range 0,0 to <0,46

input: 000n/w/cmy0/rgb (->rgb*d) output 130-2: gp=1.0; gN=1.0

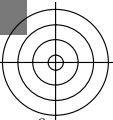
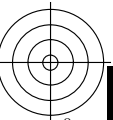


See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIHLAB

TUB registration: 20110801-OE93/OE93L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=thata



OE930-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*_{i,j}$ (A_n), colorm = 1, xchart = 8, pchart = 0
OE93: Test chart 2G with 40x27=1080 colours; 1MR, DH
Digital equidistant 9 or 16 step colour scales
input: 000n/w/cmy0/rgb (->rgb*_d)
output 130-0: $g_p=1.0$; $g_N=1.08$



See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
 Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIE LAB

TUB registration: 20110801-OE93/OE93L0NA.TXT /.PS
 application for output of displays: monitor systems or data projector systems
 TUB material: code=rhadata

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	0.04	9.36	0.0
3	17.65	0.0	0.09	14.01	0.0
4	23.63	0.0	0.15	19.12	0.0
5	29.62	0.0	0.21	24.55	0.0
6	35.6	0.0	0.27	30.23	0.0
7	41.58	0.0	0.34	36.12	0.0
8	47.56	0.0	0.41	42.19	0.0
9	53.54	0.0	0.48	48.42	0.0
10	59.52	0.0	0.55	54.79	0.0
11	65.5	0.0	0.62	61.29	0.0
12	71.48	0.0	0.69	67.91	0.0
13	77.47	0.0	0.77	74.64	0.0
14	83.45	0.0	0.84	81.47	0.0
15	89.43	0.0	0.92	88.4	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	0.19	23.17	0.0
19	50.55	0.0	0.44	45.29	0.0
20	72.98	0.0	0.71	69.58	0.0
21	95.41	0.0	1.0	95.41	0.0

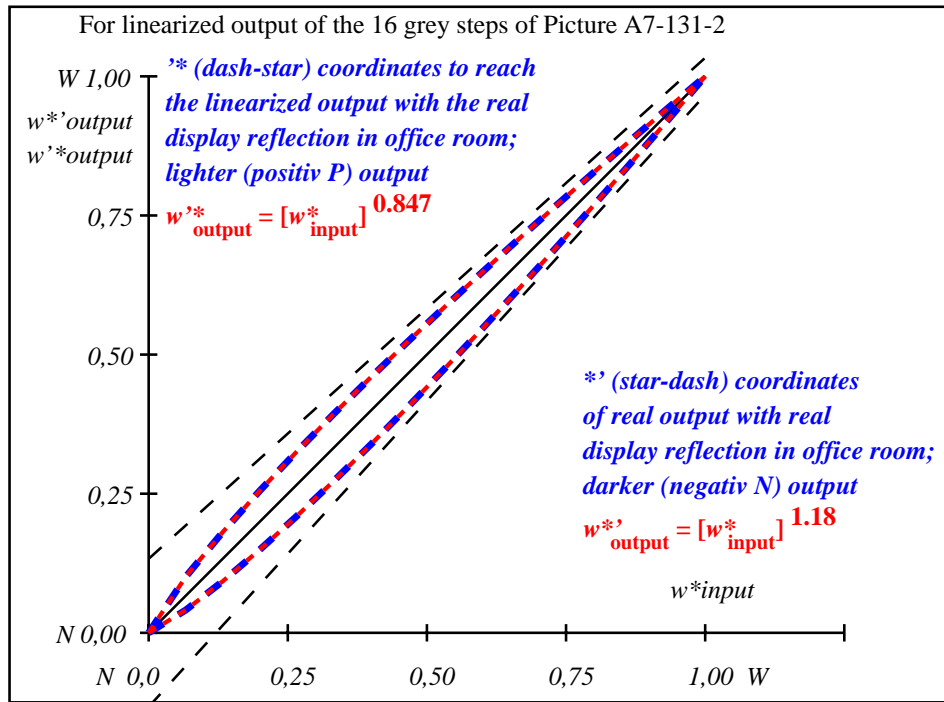
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

OE930-3A-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



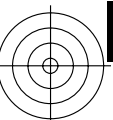
OE931-3N-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (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																
$g_N=1.08$																
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
$w^* = l^*_{CIE LAB, r}$ (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	0,054	0,113	0,176	0,24	0,305	0,371	0,439	0,506	0,576	0,645	0,715	0,786	0,857	0,928	1,0

OE930-7N, Picture A7-131-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*_{setrgbcolor}$

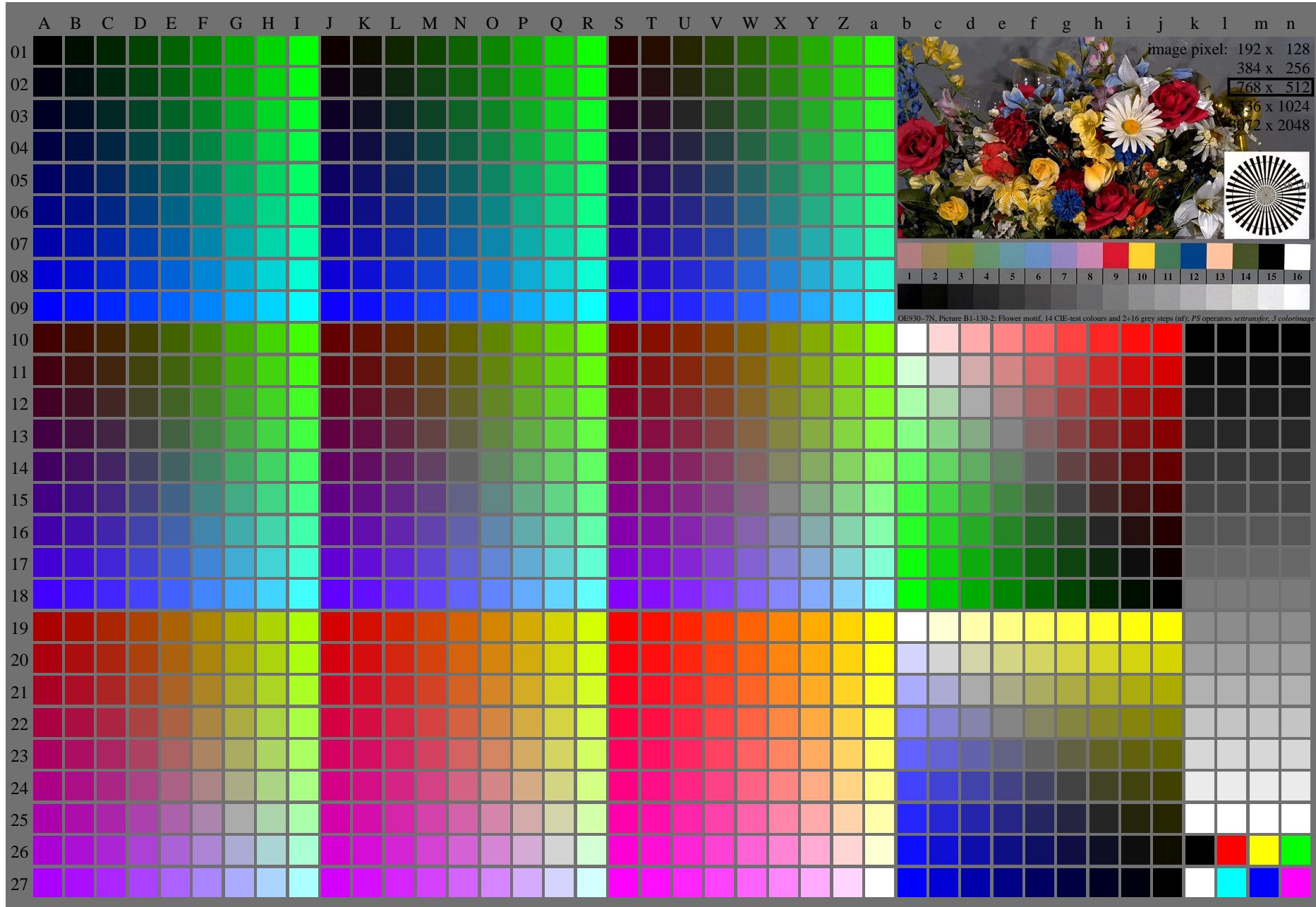
OE93: In-output relation according to ISO 9241-306; 1MR, DH
 Viewing Y contrast $Y_W:Y_N=88,9:0,62$; Y_N range 0,46 to <0,93

input: 000n/w/cmy0/rgb (->rgb*d) output 130-2: $g_p=1.0$; $g_N=1.08$



See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIHLAB

TUB registration: 20110801-OE93/OE93L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=thada4ta



OE930-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*_{i,j}$ (A_n), colorm = 1, xchart = 16, pchart = 0

OE93: Test chart 2G with 40x27=1080 colours; 1MR, DH
Digital equidistant 9 or 16 step colour scales

input: 000n/w/cmy0/rgb (->rgb*_d)
output 130-0: gp=1.0; gN=1.17



See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
 Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIE LAB

TUB registration: 20110801-OE93/OE93L0NA.TXT /.PS
 application for output of displays: monitor systems or data projector systems
 TUB material: code=rhadata

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE^*
1	10.99	0.0	0.0	10.99	0.0
2	16.62	0.0	0.03	13.12	0.0
3	22.25	0.0	0.06	16.44	0.0
4	27.88	0.0	0.11	20.45	0.0
5	33.5	0.0	0.17	24.98	0.0
6	39.13	0.0	0.22	29.94	0.0
7	44.76	0.0	0.29	35.27	0.0
8	50.39	0.0	0.35	40.93	0.0
9	56.02	0.0	0.43	46.9	0.0
10	61.64	0.0	0.5	53.13	0.0
11	67.27	0.0	0.58	59.63	0.0
12	72.9	0.0	0.66	66.36	0.0
13	78.53	0.0	0.74	73.31	0.0
14	84.15	0.0	0.82	80.48	0.0
15	89.78	0.0	0.91	87.85	0.0
16	95.41	0.0	1.0	95.41	0.0
17	10.99	0.0	0.0	10.99	0.0
18	32.1	0.0	0.15	23.81	0.0
19	53.2	0.0	0.39	43.88	0.0
20	74.31	0.0	0.68	68.08	0.0
21	95.41	0.0	1.0	95.41	0.0

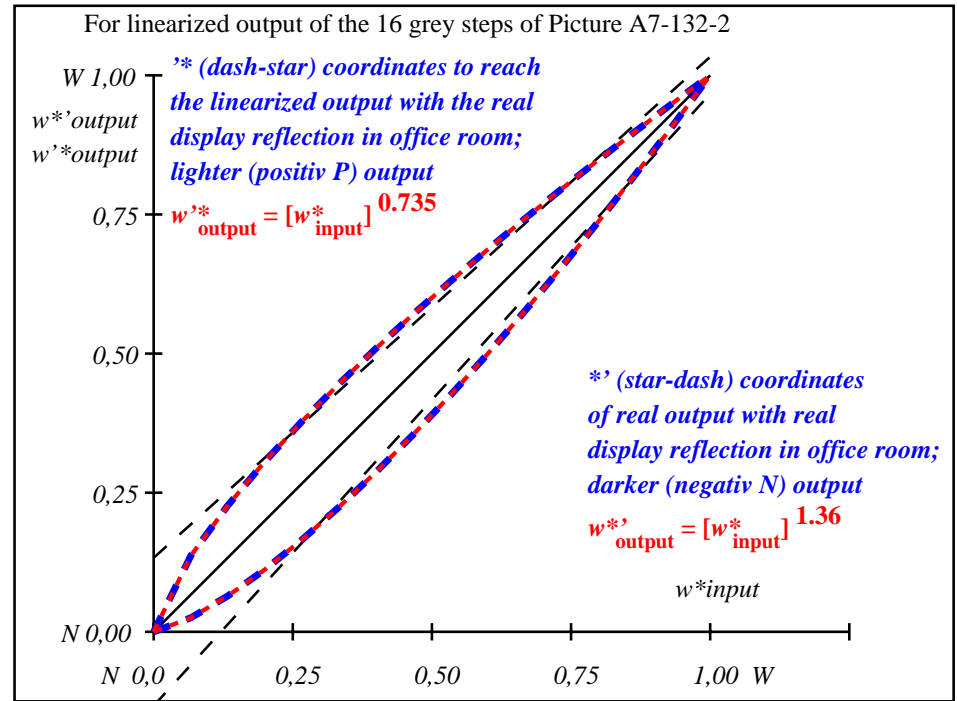
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

Mean lightness difference (5 steps)
 $\Delta L^*_{CIE LAB} = 4.8$

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

OE930-3A-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE931-3N-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																
$g_N=1.18$ 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
$w^* = l^*$ $_{CIE LAB, r}$ (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	0,042	0,093	0,151	0,211	0,274	0,34	0,408	0,477	0,548	0,621	0,694	0,769	0,845	0,922	1,0

OE930-7N, Picture A7-132-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*_{setrgbcolor}$

OE93: In-output relation according to ISO 9241-306; 1MR, DH
 Viewing Y contrast $Y_W:Y_N=88,9:1,25$; Y_N range 0,93 to <1,87

input: 000n/w/cmy0/rgb (->rgb*_d)
 output 130-2: $g_p=1.0$; $g_N=1.17$

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIHLAB

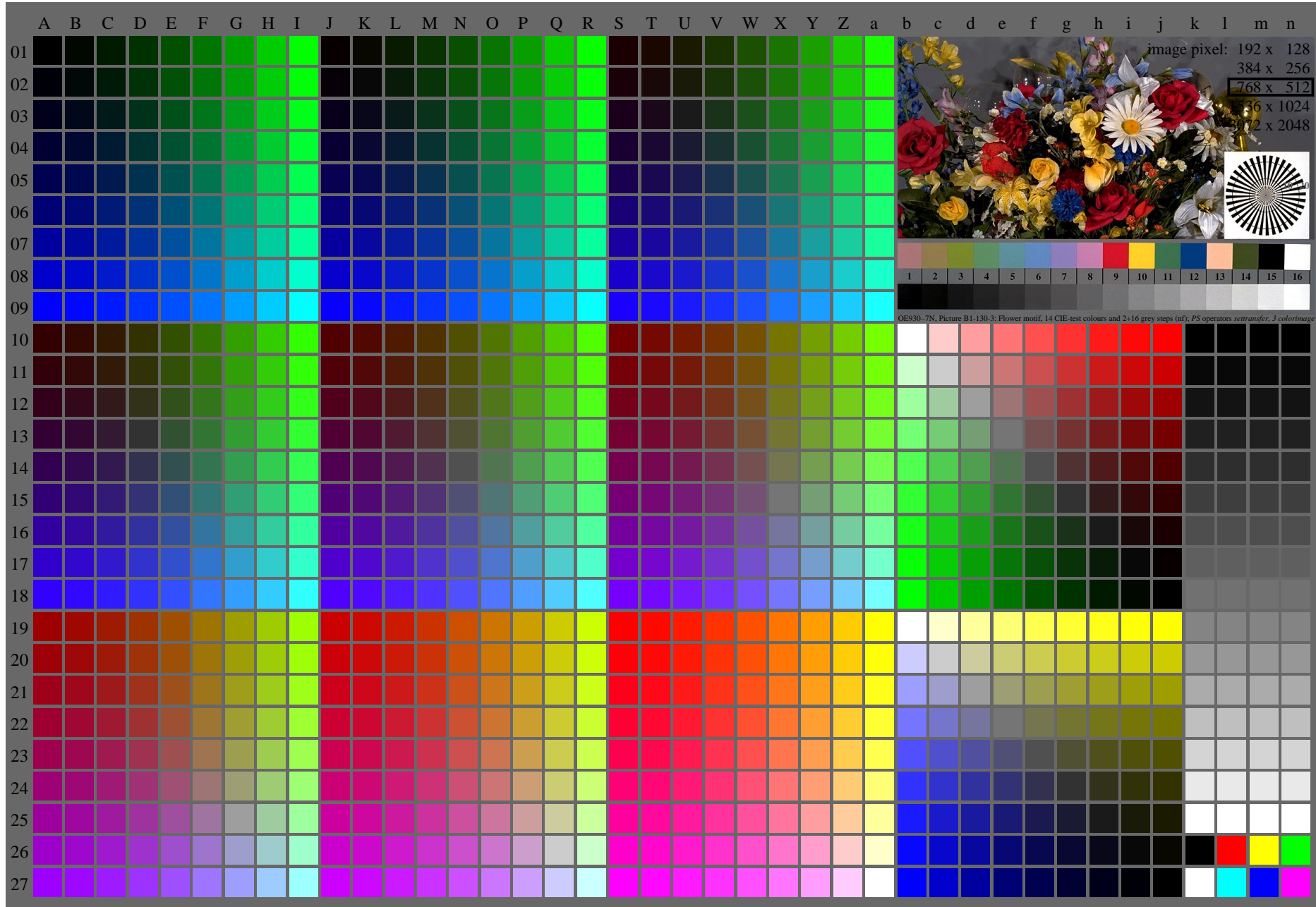


image pixel: 192 x 128
384 x 256
768 x 512
1536 x 1024
3072 x 2048

OE930-7N, Picture B1-130-3: Flower motif, 14 CIE-test colours and 2+16 grey steps (in); PS operators settransfer; 3 colourimage

OE930-7N, 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 = 24, pchart = 0

OE93: Test chart 2G with 40x27=1080 colours; 1MR, DH
Digital equidistant 9 or 16 step colour scales

input: $000n/w/cmy0/rgb$ (-> rgb^*_{d})
output 130-0: $gp=1.0; g_N=1.29$

TUB registration: 20110801-OE93/OE93L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=thada4ta



TUB registration: 20110801-OE93/OE93LONA.TXT /PS
application for output of displays: monitor systems of data projector systems
TUB material: code=thata

	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	0018 C02	0027 D02	0036 E02	0045 F02	0054 G02	0063 H02	0072 I02	0081 J02	0090 K02	0099 L02	0108 M02	0117 N02	0126 O02	0135 P02	0144 Q02	0153 R02	0162 S02	0171 T02	0180 U02	0189 V02	0198 W02	0207 X02	0216 Y02	0225 Z02	0234 a02	0243 b02	0252 c02	0261 d02	0270 e02	0279 f02	0288 g02	0297 h02	0306 i02	0315 j02	0324 k02	0333 l02	0342 m02	0351 n02
03	0000 A03	0009 B03	0018 C03	0027 D03	0036 E03	0045 F03	0054 G03	0063 H03	0072 I03	0081 J03	0090 K03	0099 L03	0108 M03	0117 N03	0126 O03	0135 P03	0144 Q03	0153 R03	0162 S03	0171 T03	0180 U03	0189 V03	0198 W03	0207 X03	0216 Y03	0225 Z03	0234 a03	0243 b03	0252 c03	0261 d03	0270 e03	0279 f03	0288 g03	0297 h03	0306 i03	0315 j03	0324 k03	0333 l03	0342 m03	0351 n03
04	0000 A04	0009 B04	0018 C04	0027 D04	0036 E04	0045 F04	0054 G04	0063 H04	0072 I04	0081 J04	0090 K04	0099 L04	0108 M04	0117 N04	0126 O04	0135 P04	0144 Q04	0153 R04	0162 S04	0171 T04	0180 U04	0189 V04	0198 W04	0207 X04	0216 Y04	0225 Z04	0234 a04	0243 b04	0252 c04	0261 d04	0270 e04	0279 f04	0288 g04	0297 h04	0306 i04	0315 j04	0324 k04	0333 l04	0342 m04	0351 n04
05	0000 A05	0009 B05	0018 C05	0027 D05	0036 E05	0045 F05	0054 G05	0063 H05	0072 I05	0081 J05	0090 K05	0099 L05	0108 M05	0117 N05	0126 O05	0135 P05	0144 Q05	0153 R05	0162 S05	0171 T05	0180 U05	0189 V05	0198 W05	0207 X05	0216 Y05	0225 Z05	0234 a05	0243 b05	0252 c05	0261 d05	0270 e05	0279 f05	0288 g05	0297 h05	0306 i05	0315 j05	0324 k05	0333 l05	0342 m05	0351 n05
06	0000 A06	0009 B06	0018 C06	0027 D06	0036 E06	0045 F06	0054 G06	0063 H06	0072 I06	0081 J06	0090 K06	0099 L06	0108 M06	0117 N06	0126 O06	0135 P06	0144 Q06	0153 R06	0162 S06	0171 T06	0180 U06	0189 V06	0198 W06	0207 X06	0216 Y06	0225 Z06	0234 a06	0243 b06	0252 c06	0261 d06	0270 e06	0279 f06	0288 g06	0297 h06	0306 i06	0315 j06	0324 k06	0333 l06	0342 m06	0351 n06
07	0000 A07	0009 B07	0018 C07	0027 D07	0036 E07	0045 F07	0054 G07	0063 H07	0072 I07	0081 J07	0090 K07	0099 L07	0108 M07	0117 N07	0126 O07	0135 P07	0144 Q07	0153 R07	0162 S07	0171 T07	0180 U07	0189 V07	0198 W07	0207 X07	0216 Y07	0225 Z07	0234 a07	0243 b07	0252 c07	0261 d07	0270 e07	0279 f07	0288 g07	0297 h07	0306 i07	0315 j07	0324 k07	0333 l07	0342 m07	0351 n07
08	0000 A08	0009 B08	0018 C08	0027 D08	0036 E08	0045 F08	0054 G08	0063 H08	0072 I08	0081 J08	0090 K08	0099 L08	0108 M08	0117 N08	0126 O08	0135 P08	0144 Q08	0153 R08	0162 S08	0171 T08	0180 U08	0189 V08	0198 W08	0207 X08	0216 Y08	0225 Z08	0234 a08	0243 b08	0252 c08	0261 d08	0270 e08	0279 f08	0288 g08	0297 h08	0306 i08	0315 j08	0324 k08	0333 l08	0342 m08	0351 n08
09	0000 A09	0009 B09	0018 C09	0027 D09	0036 E09	0045 F09	0054 G09	0063 H09	0072 I09	0081 J09	0090 K09	0099 L09	0108 M09	0117 N09	0126 O09	0135 P09	0144 Q09	0153 R09	0162 S09	0171 T09	0180 U09	0189 V09	0198 W09	0207 X09	0216 Y09	0225 Z09	0234 a09	0243 b09	0252 c09	0261 d09	0270 e09	0279 f09	0288 g09	0297 h09	0306 i09	0315 j09	0324 k09	0333 l09	0342 m09	0351 n09
10	0000 A10	0009 B10	0018 C10	0027 D10	0036 E10	0045 F10	0054 G10	0063 H10	0072 I10	0081 J10	0090 K10	0099 L10	0108 M10	0117 N10	0126 O10	0135 P10	0144 Q10	0153 R10	0162 S10	0171 T10	0180 U10	0189 V10	0198 W10	0207 X10	0216 Y10	0225 Z10	0234 a10	0243 b10	0252 c10	0261 d10	0270 e10	0279 f10	0288 g10	0297 h10	0306 i10	0315 j10	0324 k10	0333 l10	0342 m10	0351 n10
11	0000 A11	0009 B11	0018 C11	0027 D11	0036 E11	0045 F11	0054 G11	0063 H11	0072 I11	0081 J11	0090 K11	0099 L11	0108 M11	0117 N11	0126 O11	0135 P11	0144 Q11	0153 R11	0162 S11	0171 T11	0180 U11	0189 V11	0198 W11	0207 X11	0216 Y11	0225 Z11	0234 a11	0243 b11	0252 c11	0261 d11	0270 e11	0279 f11	0288 g11	0297 h11	0306 i11	0315 j11	0324 k11	0333 l11	0342 m11	0351 n11
12	0000 A12	0009 B12	0018 C12	0027 D12	0036 E12	0045 F12	0054 G12	0063 H12	0072 I12	0081 J12	0090 K12	0099 L12	0108 M12	0117 N12	0126 O12	0135 P12	0144 Q12	0153 R12	0162 S12	0171 T12	0180 U12	0189 V12	0198 W12	0207 X12	0216 Y12	0225 Z12	0234 a12	0243 b12	0252 c12	0261 d12	0270 e12	0279 f12	0288 g12	0297 h12	0306 i12	0315 j12	0324 k12	0333 l12	0342 m12	0351 n12
13	0000 A13	0009 B13	0018 C13	0027 D13	0036 E13	0045 F13	0054 G13	0063 H13	0072 I13	0081 J13	0090 K13	0099 L13	0108 M13	0117 N13	0126 O13	0135 P13	0144 Q13	0153 R13	0162 S13	0171 T13	0180 U13	0189 V13	0198 W13	0207 X13	0216 Y13	0225 Z13	0234 a13	0243 b13	0252 c13	0261 d13	0270 e13	0279 f13	0288 g13	0297 h13	0306 i13	0315 j13	0324 k13	0333 l13	0342 m13	0351 n13
14	0000 A14	0009 B14	0018 C14	0027 D14	0036 E14	0045 F14	0054 G14	0063 H14	0072 I14	0081 J14	0090 K14	0099 L14	0108 M14	0117 N14	0126 O14	0135 P14	0144 Q14	0153 R14	0162 S14	0171 T14	0180 U14	0189 V14	0198 W14	0207 X14	0216 Y14	0225 Z14	0234 a14	0243 b14	0252 c14	0261 d14	0270 e14	0279 f14	0288 g14	0297 h14	0306 i14	0315 j14	0324 k14	0333 l14	0342 m14	0351 n14
15	0000 A15	0009 B15	0018 C15	0027 D15	0036 E15	0045 F15	0054 G15	0063 H15	0072 I15	0081 J15	0090 K15	0099 L15	0108 M15	0117 N15	0126 O15	0135 P15	0144 Q15	0153 R15	0162 S15	0171 T15	0180 U15	0189 V15	0198 W15	0207 X15	0216 Y15	0225 Z15	0234 a15	0243 b15	0252 c15	0261 d15	0270 e15	0279 f15	0288 g15	0297 h15	0306 i15	0315 j15	0324 k15	0333 l15	0342 m15	0351 n15
16	0000 A16	0009 B16	0018 C16	0027 D16	0036 E16	0045 F16	0054 G16	0063 H16	0072 I16	0081 J16	0090 K16	0099 L16	0108 M16	0117 N16	0126 O16	0135 P16	0144 Q16	0153 R16	0162 S16	0171 T16	0180 U16	0189 V16	0198 W16	0207 X16	0216 Y16	0225 Z16	0234 a16	0243 b16	0252 c16	0261 d16	0270 e16	0279 f16	0288 g16	0297 h16	0306 i16	0315 j16	0324 k16	0333 l16	0342 m16	0351 n16
17	0000 A17	0009 B17	0018 C17	0027 D17	0036 E17	0045 F17	0054 G17	0063 H17	0072 I17	0081 J17	0090 K17	0099 L17	0108 M17	0117 N17	0126 O17	0135 P17	0144 Q17	0153 R17	0162 S17	0171 T17	0180 U17	0189 V17	0198 W17	0207 X17	0216 Y17	0225 Z17	0234 a17	0243 b17	0252 c17	0261 d17	0270 e17	0279 f17	0288 g17	0297 h17	0306 i17	0315 j17	0324 k17	0333 l17	0342 m17	0351 n17
18	0000 A18	0009 B18	0018 C18	0027 D18	0036 E18	0045 F18	0054 G18	0063 H18	0072 I18	0081 J18	0090 K18	0099 L18	0108 M18	0117 N18	0126 O18	0135 P18	0144 Q18	0153 R18	0162 S18	0171 T18	0180 U18	0189 V18	0198 W18	0207 X18	0216 Y18	0225 Z18	0234 a18	0243 b18	0252 c18	0261 d18	0270 e18	0279 f18	0288 g18	0297 h18	0306 i18	0315 j18	0324 k18	0333 l18	0342 m18	0351 n18
19	0000 A19	0009 B19	0018 C19	0027 D19	0036 E19	0045 F19	0054 G19	0063 H19	0072 I19	0081 J19	0090 K19	0099 L19	0108 M19	0117 N19	0126 O19	0135 P19	0144 Q19	0153 R19	0162 S19	0171 T19	0180 U19	0189 V19	0198 W19	0207 X19	0216 Y19	0225 Z19	0234 a19	0243 b19	0252 c19	0261 d19	0270 e19	0279 f19	0288 g19	0297 h19	0306 i19	0315 j19	0324 k19	0333 l19	0342 m19	0351 n19
20	0000 A20	0009 B20	0018 C20	0027 D20	0036 E20	0045 F20	0054 G20	0063 H20	0072 I20	0081 J20	0090 K20	0099 L20	0108 M20	0117 N20	0126 O20	0135 P20	0144 Q20	0153 R20	0162 S20	0171 T20	0180 U20	0189 V20	0198 W20	0207 X20	0216 Y20	0225 Z20	0234 a20	0243 b20	0252 c20	0261 d20	0270 e20	0279 f20	0288 g20	0297 h20	0306 i20	0315 j20	0324 k20	0333 l20	0342 m20	0351 n20
21	0000 A21	0009 B21	0018 C21	0027 D21	0036 E21	0045 F21	0054 G21	0063 H21	0072 I21	0081 J21	0090 K21	0099 L21	0108 M21	0117 N21	0126 O21	0135 P21	0144 Q21	0153 R21	0162 S21	0171 T21	0180 U21	0189 V21	0198 W21	0207 X21	0216 Y21	0225 Z21	0234 a21	0243 b21	0252 c21	0261 d21	0270 e21	0279 f21	0288 g21	0297 h21	0306 i21	0315 j21	0324 k21	0333 l21	0342 m21	0351 n21
22	0000 A22	0009 B22	0018 C22	0027 D22	0036 E22	0045 F22	0054 G22	0063 H22	0072 I22	0081 J22	0090 K22	0099 L22	0108 M22	0117 N22	0126 O22	0135 P22	0144 Q22	0153 R22	0162 S22	0171 T22	0180 U22	0189 V22	0198 W22	0207 X22	0216 Y22	0225 Z22	0234 a22	0243 b22	0252 c22	0261 d22	0270 e22	0279 f22	0288 g22	0297 h22	0306 i22	0315 j22	0324 k22	0333 l22	0342 m22	0351 n22
23	0000 A23	0009 B23	0018 C23	0027 D23	0036 E23	0045 F23	0054 G23	0063 H23	0072 I23	0081 J23	0090 K23	0099 L23	0108 M23	0117 N23	0126 O23	0135 P23	0144 Q23	0153 R23	0162 S23	0171 T23	0180 U23	0189 V23	0198 W23	0207 X23	0216 Y23	0225 Z23	0234 a23	0243 b23	0252 c23	0261 d23	0270 e23	0279 f23	0288 g23	0297 h23	0306 i23	0315 j23	0324 k23	0333 l23	0342 m23	0351 n23
24	0000 A24	0009 B24	0018 C24	0027 D24	0036 E24	0045 F24	0054 G24	0063 H24	0072 I24	0081 J24	0090 K24	0099 L24	0108 M24	0117 N24	0126 O24	0135 P24	0144 Q24	0153 R24	0162 S24	0171 T24	0180 U24	0189 V24	0198 W24	0207 X24	0216 Y24	0225 Z24	0234 a24	0243 b24	0252 c24	0261 d24	0270 e24	0279 f24	0288 g24	0297 h24	0306 i24	0315 j24	0324 k24	0333 l24	0342 m24	0351 n24
25	0000 A25	0009 B25	0018 C25	0027 D25	0036 E25	0045 F25	0054 G25	0063 H25	0072 I25	0081 J25																														

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
 Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIE LAB

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE^*					
1	18.01	0.0	0.0	18.01	0.0	0.0	0.0	0.0	0.01	
2	23.17	0.0	0.0	0.02	19.2	0.0	0.0	-3.95	0.0	3.96
3	28.33	0.0	0.0	0.04	21.49	0.0	0.0	-6.83	0.0	6.84
4	33.49	0.0	0.0	0.08	24.5	0.0	0.0	-8.98	0.0	8.99
5	38.65	0.0	0.0	0.13	28.12	0.0	0.0	-10.52	0.0	10.53
6	43.81	0.0	0.0	0.18	32.26	0.0	0.0	-11.53	0.0	11.54
7	48.97	0.0	0.0	0.24	36.89	0.0	0.0	-12.07	0.0	12.08
8	54.13	0.0	0.0	0.31	41.94	0.0	0.0	-12.18	0.0	12.19
9	59.29	0.0	0.0	0.38	47.41	0.0	0.0	-11.87	0.0	11.88
10	64.45	0.0	0.0	0.46	53.25	0.0	0.0	-11.19	0.0	11.2
11	69.61	0.0	0.0	0.54	59.46	0.0	0.0	-10.14	0.0	10.15
12	74.77	0.0	0.0	0.62	66.02	0.0	0.0	-8.74	0.0	8.75
13	79.93	0.0	0.0	0.71	72.9	0.0	0.0	-7.02	0.0	7.03
14	85.09	0.0	0.0	0.8	80.1	0.0	0.0	-4.98	0.0	4.99
15	90.25	0.0	0.0	0.9	87.61	0.0	0.0	-2.63	0.0	2.64
16	95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.01
17	18.01	0.0	0.0	18.01	0.0	0.0	0.0	0.0	0.0	0.01
18	37.36	0.0	0.0	0.12	27.16	0.0	0.0	-10.19	0.0	10.2
19	56.71	0.0	0.0	0.34	44.63	0.0	0.0	-12.07	0.0	12.08
20	76.06	0.0	0.0	0.64	67.71	0.0	0.0	-8.34	0.0	8.35
21	95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.01

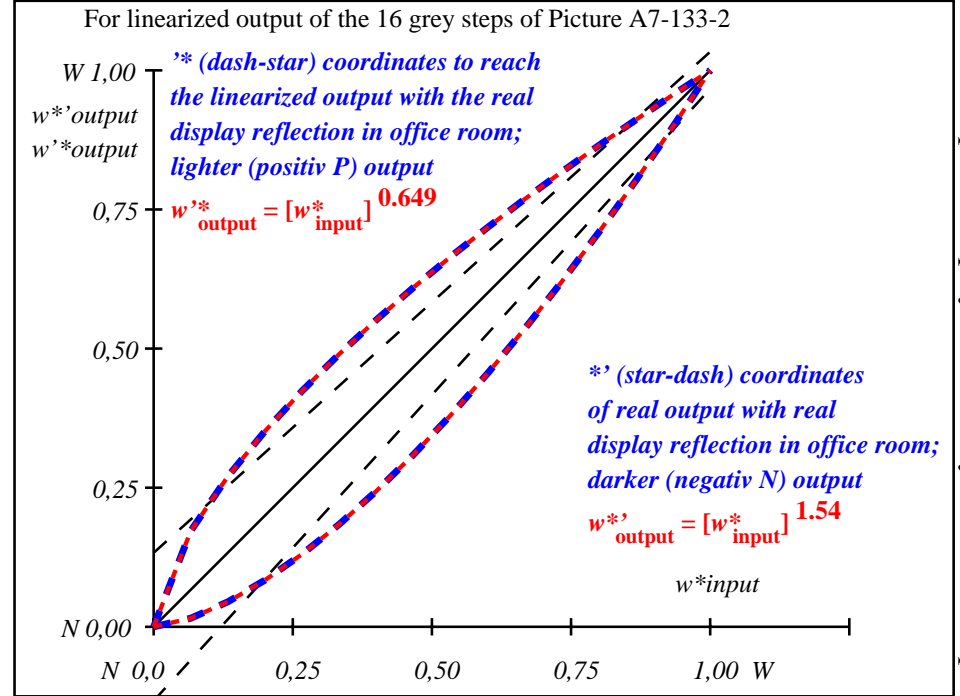
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)
 $\Delta E^*_{CIE LAB} = 7.7$

Mean lightness difference (5 steps)
 $\Delta L^*_{CIE LAB} = 6.1$

Mean colour reproduction index: $R^*_{ab,m} = 66$

OE930-3A-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE931-3N-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (absolute)	18.0/2.5	23.2/3.8	28.3/5.6	33.5/7.8	38.6/10.5	43.8/13.7	49.0/17.6	54.1/22.1	59.3/27.3	64.4/33.4	69.6/40.2	74.8/47.9	79.9/56.6	85.1/66.2	90.2/76.8	95.4/88.6
$w^* w^* w^*$ setrgb																
$g_N=1.29$ 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
$w^* = l^*$ $_{CIE LAB, r}$ (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	0,031	0,074	0,125	0,182	0,242	0,307	0,374	0,444	0,517	0,593	0,67	0,75	0,832	0,914	1,0

OE930-7N, Picture A7-133-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*_{setrgbcolor}$

OE93: In-output relation according to ISO 9241-306; 1MR, DH
 Viewing Y contrast $Y_W:Y_N=88,9:2,5$; Y_N range 1,87 to <3,75

input: 000n/w/cmy0/rgb (->rgb*_d
 output 130-2: $g_p=1.0$; $g_N=1.29$

TUB registration: 20110801-OE93/OE93L0NA.TXT /.PS
 application for output of displays: monitor systems or data projector systems
 TUB material: code=rhadata

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIHLAB

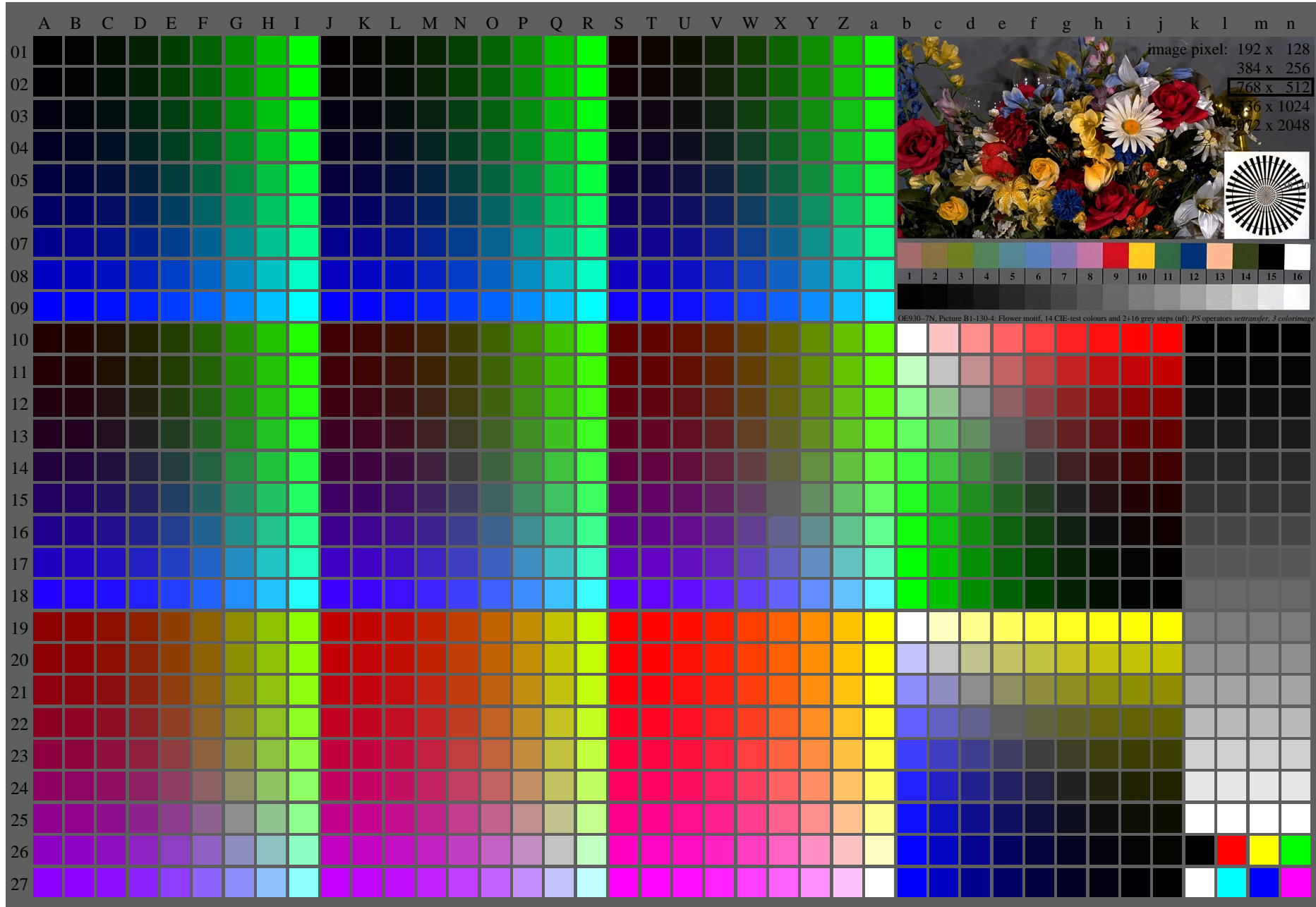


image pixel: 192 x 128
384 x 256
768 x 512
1536 x 1024
3072 x 2048

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

OE930-7N, Picture B1-130-4, Flower motif, 14 CIE-test colours and 2+16 grey steps (in); PS operators settransfer; 3 colourimage

TUB registration: 20110801-OE93/OE93L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=thada4ta

OE930-7N, 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 = 32, pchart = 0

OE93: Test chart 2G with 40x27=1080 colours; 1MR, DH
Digital equidistant 9 or 16 step colour scales

input: $000n/w/cmy0/rgb$ ($\rightarrow rgb^*_{d}$)
output 130-0: $gp=1.0$; $g_N=1.42$

Table with columns A-Z and a-b and rows 01-27. Each cell contains a 4-digit hexadecimal value representing color data for a specific row and column intersection.

See similar ISO test charts: http://www.ps.bam.de/24705TE, http://www.ps.bam.de/9241E
Technical information: http://www.ps.bam.de/33872E Version 2.1, i=0-1, CHLAB

TUB registration: 20110801-OE93/OE93L0NA.TXT /PS
application for output of displays: monitor systems of data projector systems
TUB material: code=thata

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
 Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIE LAB

TUB registration: 20110801-OE93/OE93L0NA.TXT /.PS
 application for output of displays: monitor systems or data projector systems
 TUB material: code=rhadata

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE^*
1	26.85 0.0 0.0	0.0 26.85 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
2	31.42 0.0 0.0	0.01 27.5 0.0	0.0 -3.91 0.0	0.0 0.0 0.0	3.92
3	35.99 0.0 0.0	0.03 28.99 0.0	0.0 -6.99 0.0	0.0 0.0 0.0	7.0
4	40.56 0.0 0.0	0.06 31.15 0.0	0.0 -9.4 0.0	0.0 0.0 0.0	9.41
5	45.13 0.0 0.0	0.1 33.91 0.0	0.0 -11.21 0.0	0.0 0.0 0.0	11.22
6	49.7 0.0 0.0	0.15 37.21 0.0	0.0 -12.48 0.0	0.0 0.0 0.0	12.49
7	54.27 0.0 0.0	0.21 41.03 0.0	0.0 -13.24 0.0	0.0 0.0 0.0	13.25
8	58.84 0.0 0.0	0.27 45.33 0.0	0.0 -13.5 0.0	0.0 0.0 0.0	13.51
9	63.41 0.0 0.0	0.34 50.1 0.0	0.0 -13.3 0.0	0.0 0.0 0.0	13.31
10	67.99 0.0 0.0	0.42 55.33 0.0	0.0 -12.65 0.0	0.0 0.0 0.0	12.66
11	72.56 0.0 0.0	0.5 60.98 0.0	0.0 -11.56 0.0	0.0 0.0 0.0	11.57
12	77.13 0.0 0.0	0.59 67.06 0.0	0.0 -10.05 0.0	0.0 0.0 0.0	10.06
13	81.7 0.0 0.0	0.68 73.56 0.0	0.0 -8.13 0.0	0.0 0.0 0.0	8.14
14	86.27 0.0 0.0	0.78 80.45 0.0	0.0 -5.81 0.0	0.0 0.0 0.0	5.82
15	90.84 0.0 0.0	0.89 87.74 0.0	0.0 -3.09 0.0	0.0 0.0 0.0	3.1
16	95.41 0.0 0.0	1.0 95.41 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
17	26.85 0.0 0.0	0.0 26.85 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
18	43.99 0.0 0.0	0.09 33.17 0.0	0.0 -10.81 0.0	0.0 0.0 0.0	10.82
19	61.13 0.0 0.0	0.3 47.66 0.0	0.0 -13.46 0.0	0.0 0.0 0.0	13.47
20	78.27 0.0 0.0	0.61 68.65 0.0	0.0 -9.61 0.0	0.0 0.0 0.0	9.62
21	95.41 0.0 0.0	1.0 95.41 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01

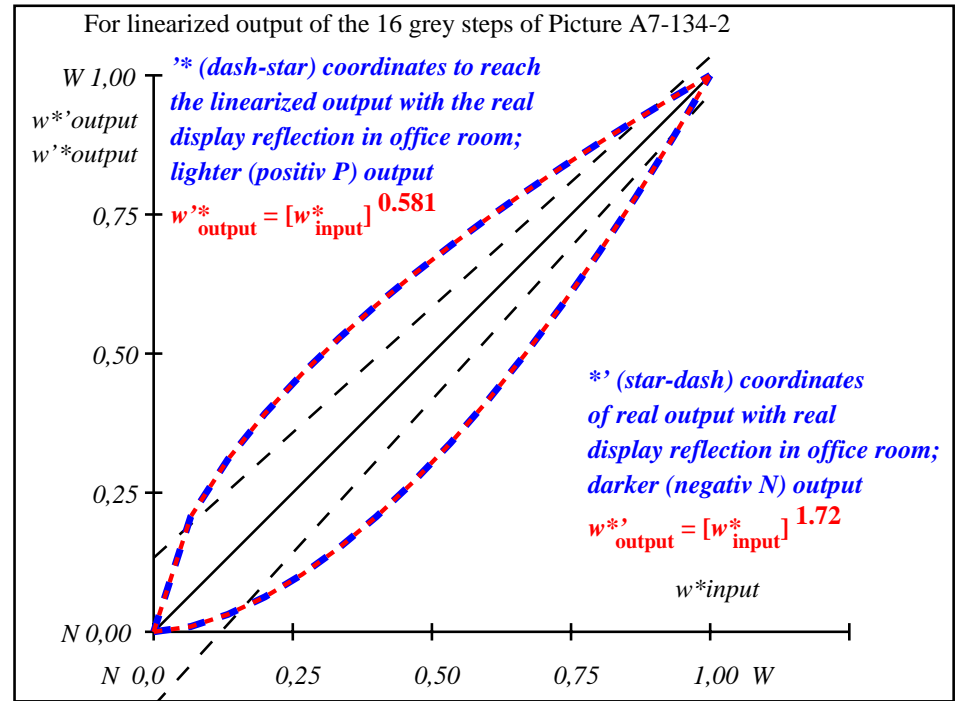
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)
 $\Delta E^*_{CIE LAB} = 8.5$

Mean lightness difference (5 steps)
 $\Delta L^*_{CIE LAB} = 6.8$

Mean colour reproduction index: $R^*_{ab,m} = 63$

OE930-3A-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE931-3N-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

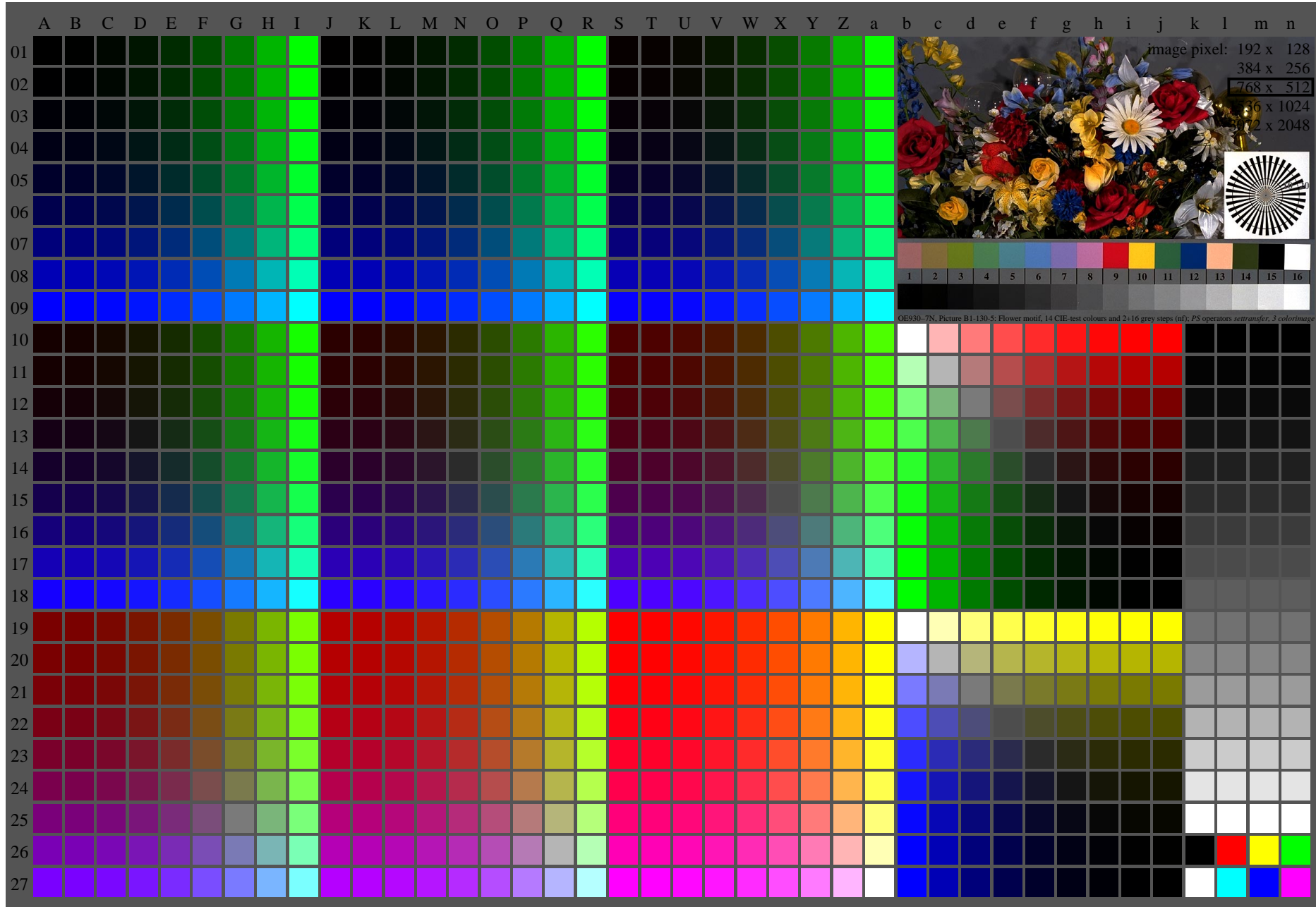
$L^*/Y_{intended}$ (absolute)	26.8/5.0	31.4/6.8	36.0/9.0	40.6/11.6	45.1/14.6	49.7/18.2	54.3/22.2	58.8/26.9	63.4/32.1	68.0/38.0	72.6/44.5	77.1/51.7	81.7/59.7	86.3/68.5	90.8/78.1	95.4/88.6
$w^* w^* w^*$ setrgb																
$g_N=1.43$																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^* = l^*_{CIE LAB, r}$ (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	0,021	0,056	0,1	0,152	0,208	0,27	0,337	0,407	0,482	0,561	0,642	0,727	0,816	0,906	1,0

OE930-7N, Picture A7-134-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*_{setrgbcolor}$

OE93: In-output relation according to ISO 9241-306; 1MR, DH
 Viewing Y contrast $Y_W:Y_N=88,9:5$; Y_N range 3,75 to <7,5

input: 000n/w/cmy0/rgb (->rgb*_d)
 output 130-2: $g_p=1.0$; $g_N=1.42$

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIHLAB



TUB registration: 20110801-OE93/OE93L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=thada4a

OE930-7N, 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 = 40, pchart = 0

OE93: Test chart 2G with 40x27=1080 colours; 1MR, DH
Digital equidistant 9 or 16 step colour scales

input: $000n/w/cmy0/rgb$ ($\rightarrow rgb^*_{d}$)
output 130-0: $gp=1.0$; $g_N=1.6$

Table with columns A through Z and a through z. Each cell contains a numerical value representing color data for a specific color target.

OE93-70, Page 2/16, Test chart G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): rgb*(A_j + k26_n27). 000n*(k), w*(l), nnn*(m), www*(n), colorm = l, xchart = 40, pchart = 1

OE93: Test chart 2G with 40x27=1080 colours; 1MR, DH
Digital equidistant 9 or 16 step colour scales
input: 000n/w/cmy0/rgb(->rgb*d
output 130-1: gp=1.0; gn=16

See similar ISO test charts: http://www.ps.bam.de/24705TE, http://www.ps.bam.de/24705TE, http://www.ps.bam.de/24705TE, http://www.ps.bam.de/24705TE
Technical information: http://www.ps.bam.de/33872E Version 2.1, i/o=1,1, CBLAB

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
 Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIPLAB

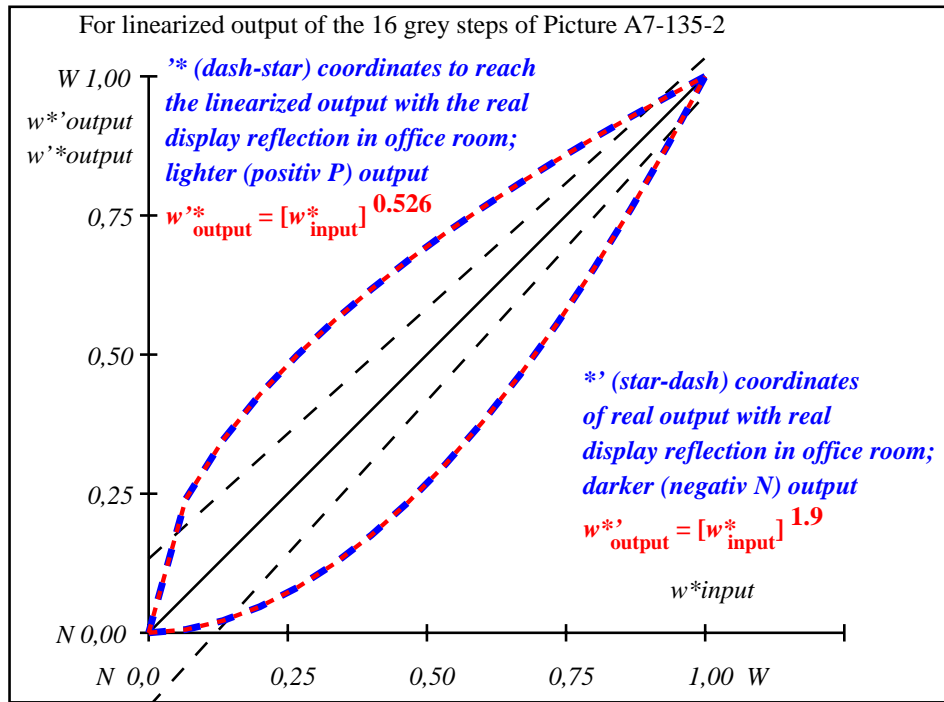
TUB registration: 20110801-OE93/OE93L0NA.TXT /.PS
 application for output of displays: monitor systems or data projector systems
 TUB material: code=rhadata

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

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	0.01	38.32	0.0
3	45.64	0.0	0.02	39.23	0.0
4	49.47	0.0	0.05	40.68	0.0
5	53.3	0.0	0.08	42.65	0.0
6	57.13	0.0	0.12	45.11	0.0
7	60.96	0.0	0.18	48.06	0.0
8	64.78	0.0	0.24	51.48	0.0
9	68.61	0.0	0.3	55.38	0.0
10	72.44	0.0	0.38	59.74	0.0
11	76.27	0.0	0.46	64.56	0.0
12	80.1	0.0	0.55	69.84	0.0
13	83.93	0.0	0.65	75.57	0.0
14	87.75	0.0	0.76	81.74	0.0
15	91.58	0.0	0.88	88.35	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	0.07	42.11	0.0
19	66.7	0.0	0.27	53.37	0.0
20	81.05	0.0	0.58	71.23	0.0
21	95.41	0.0	1.0	95.41	0.0

Mean lightness difference (16 steps) $\Delta E^*_{CIELAB} = 8.3$
 Mean lightness difference (5 steps) $\Delta L^*_{CIELAB} = 6.7$
 Mean colour reproduction index: $R^*_{ab,m} = 64$

OE930-3A-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



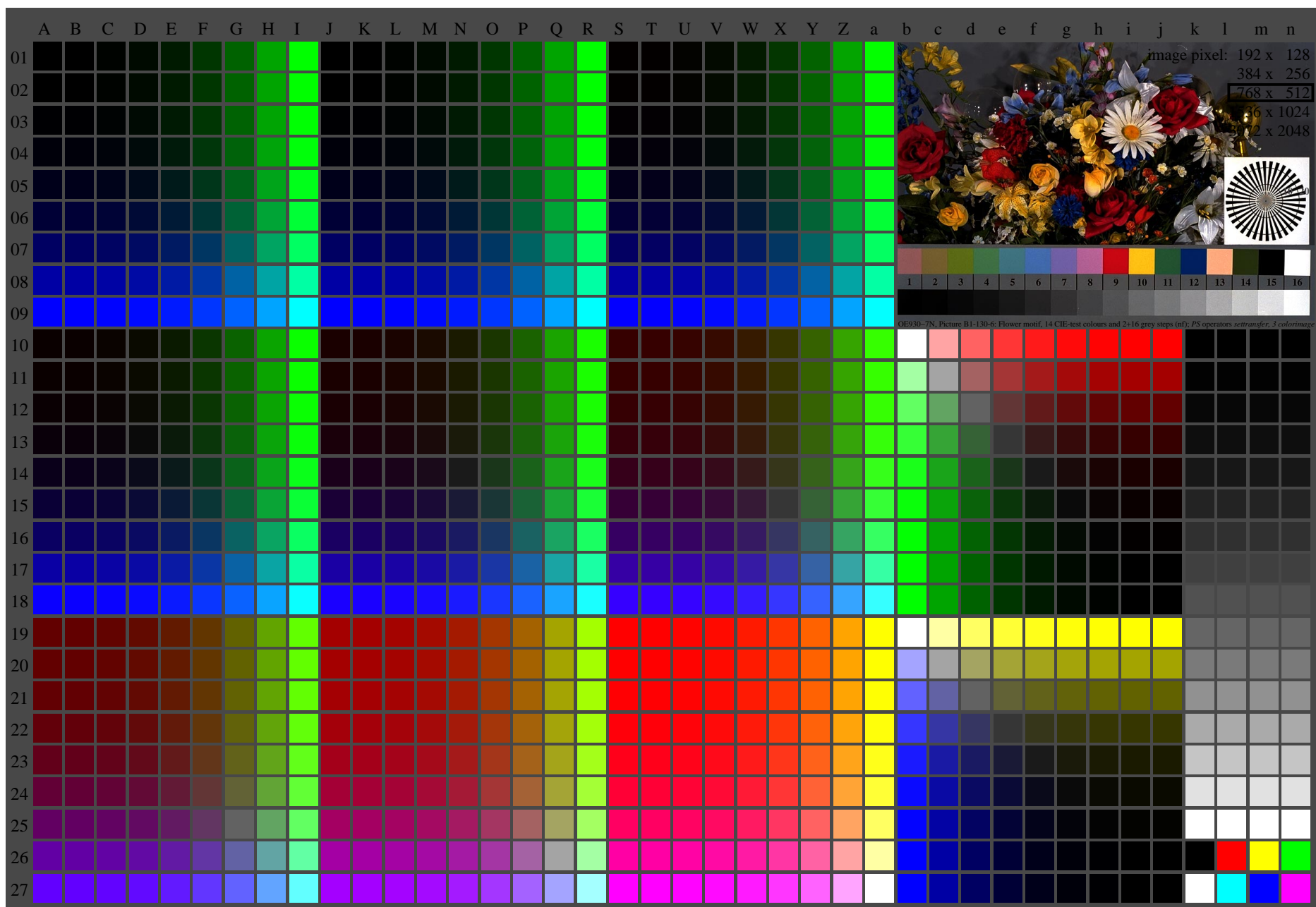
OE931-3N-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (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	[Visual representation of 16 grey steps]															
$g_N=1.6$	[Visual representation of 16 grey steps]															
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)	[Visual representation of 16 grey steps]															
$w^*_{intended}$	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	0,013	0,04	0,076	0,121	0,172	0,231	0,296	0,365	0,442	0,523	0,608	0,7	0,796	0,895	1,0

OE930-7N, Picture A7-135-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*_{setrgbcolor}$

OE93: In-output relation according to ISO 9241-306; 1MR, DH
 Viewing Y contrast $Y_W:Y_N=88,9:10$; Y_N range 7,5 to <15
 input: 000n/w/cmy0/rgb (->rgb*d) output 130-2: $g_p=1.0$; $g_N=1.6$

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIHLAB



TUB registration: 20110801-OE93/OE93L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=thada4a

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/33872E>
 Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CHLAB

TUB registration: 20110801-OE93/OE93L0NA.TXT /PS
 application for output of displays: monitor systems of data projector systems
 TUB material: code=thfata

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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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	0360	o01	0369	p01	0378	q01	0387	r01	0396	s01	0405	t01	0414	u01	0423	v01	0432	w01	0441	x01	0450	y01	0459	z01	0468	010	0477	010	0486	010	0495	010	0504	010	0513	010	0522	010	0531	010	0540	010	0549	010	0558	010	0567	010	0576	010	0585	010	0594	010	0603	010	0612	010	0621	010	0630	010	0639	010	0648	010	0657	010	0666	010	0675	010	0684	010	0693	010	0702	010	0711	010	0720	010	0729	010	0738	010	0747	010	0756	010	0765	010	0774	010	0783	010	0792	010	0801	010	0810	010	0819	010	0828	010	0837	010	0846	010	0855	010	0864	010	0873	010	0882	010	0891	010	0900	010	0909	010	0918	010	0927	010	0936	010	0945	010	0954	010	0963	010	0972	010	0981	010	0990	010	0999	010	1008	010	1017	010	1026	010	1035	010	1044	010	1053	010	1062	010	1071	010	1080	010	1089	010	1098	010	1107	010	1116	010	1125	010	1134	010	1143	010	1152	010	1161	010	1170	010	1179	010	1188	010	1197	010	1206	010	1215	010	1224	010	1233	010	1242	010	1251	010	1260	010	1269	010	1278	010	1287	010	1296	010	1305	010	1314	010	1323	010	1332	010	1341	010	1350	010	1359	010	1368	010	1377	010	1386	010	1395	010	1404	010	1413	010	1422	010	1431	010	1440	010	1449	010	1458	010	1467	010	1476	010	1485	010	1494	010	1503	010	1512	010	1521	010	1530	010	1539	010	1548	010	1557	010	1566	010	1575	010	1584	010	1593	010	1602	010	1611	010	1620	010	1629	010	1638	010	1647	010	1656	010	1665	010	1674	010	1683	010	1692	010	1701	010	1710	010	1719	010	1728	010	1737	010	1746	010	1755	010	1764	010	1773	010	1782	010	1791	010	1800	010	1809	010	1818	010	1827	010	1836	010	1845	010	1854	010	1863	010	1872	010	1881	010	1890	010	1899	010	1908	010	1917	010	1926	010	1935	010	1944	010	1953	010	1962	010	1971	010	1980	010	1989	010	1998	010	2007	010	2016	010	2025	010	2034	010	2043	010	2052	010	2061	010	2070	010	2079	010	2088	010	2097	010	2106	010	2115	010	2124	010	2133	010	2142	010	2151	010	2160	010	2169	010	2178	010	2187	010	2196	010	2205	010	2214	010	2223	010	2232	010	2241	010	2250	010	2259	010	2268	010	2277	010	2286	010	2295	010	2304	010	2313	010	2322	010	2331	010	2340	010	2349	010	2358	010	2367	010	2376	010	2385	010	2394	010	2403	010	2412	010	2421	010	2430	010	2439	010	2448	010	2457	010	2466	010	2475	010	2484	010	2493	010	2502	010	2511	010	2520	010	2529	010	2538	010	2547	010	2556	010	2565	010	2574	010	2583	010	2592	010	2601	010	2610	010	2619	010	2628	010	2637	010	2646	010	2655	010	2664	010	2673	010	2682	010	2691	010	2700	010	2709	010	2718	010	2727	010	2736	010	2745	010	2754	010	2763	010	2772	010	2781	010	2790	010	2799	010	2808	010	2817	010	2826	010	2835	010	2844	010	2853	010	2862	010	2871	010	2880	010	2889	010	2898	010	2907	010	2916	010	2925	010	2934	010	2943	010	2952	010	2961	010	2970	010	2979	010	2988	010	2997	010	3006	010	3015	010	3024	010	3033	010	3042	010	3051	010	3060	010	3069	010	3078	010	3087	010	3096	010	3105	010	3114	010	3123	010	3132	010	3141	010	3150	010	3159	010	3168	010	3177	010	3186	010	3195	010	3204	010	3213	010	3222	010	3231	010	3240	010	3249	010	3258	010	3267	010	3276	010	3285	010	3294	010	3303	010	3312	010	3321	010	3330	010	3339	010	3348	010	3357	010	3366	010	3375	010	3384	010	3393	010	3402	010	3411	010	3420	010	3429	010	3438	010	3447	010	3456	010	3465	010	3474	010	3483	010	3492	010	3501	010	3510	010	3519	010	3528	010	3537	010	3546	010	3555	010	3564	010	3573	010	3582	010	3591	010	3600	010	3609	010	3618	010	3627	010	3636	010	3645	010	3654	010	3663	010	3672	010	3681	010	3690	010	3699	010	3708	010	3717	010	3726	010	3735	010	3744	010	3753	010	3762	010	3771	010	3780	010	3789	010	3798	010	3807	010	3816	010	3825	010	3834	010	3843	010	3852	010	3861	010	3870	010	3879	010	3888	010	3897	010	3906	010	3915	010	3924	010	3933	010	3942	010	3951	010	3960	010	3969	010	3978	010	3987	010	3996	010	4005	010	4014	010	4023	010	4032	010	4041	010	4050	010	4059	010	4068	010	4077	010	4086	010	4095	010	4104	010	4113	010	4122	010	4131	010	4140	010	4149	010	4158	010	4167	010	4176	010	4185	010	4194	010	4203	010	4212	010	4221	010	4230	010	4239	010	4248	010	4257	010	4266	010	4275	010	4284	010	4293	010	4302	010	4311	010	4320	010	4329	010	4338	010	4347	010	4356	010	4365	010	4374	010	4383	010	4392	010	4401	010	4410	010	4419	010	4428	010	4437	010	4446	010	4455	010	4464	010	4473	010	4482	010	4491	010	4500	010	4509	010	4518	010	4527	010	4536	010	4545	010	4554	010	4563	010	4572	010	4581	010	4590	010	4599	010	4608	010	4617	010	4626	010	4635	010	4644	010	4653	010	4662	010	4671	010	4680	010	4689	010	4698	010	4707	010	4716	010	4725	010	4734	010	4743	010	4752	010	4761	010	4770	010	4779	010	4788	010	4797	010	4806	010	4815	010	4824	010	4833	010	4842	010	4851	010	4860	010	4869	010	4878	010	4887	010	4896	010	4905	010	4914	010	4923	010	4932	010	4941	010	4950	010	4959	010	4968	010	4977	010	4986	010	4995	010	5004	010	5013	010	5022	010	5031	010	5040	010	5049	010	5058	010	5067	010	5076	010	5085	010	5094	010	5103	010	5112	010	5121	010	5130	010	5139	010	5148	010	5157	010	5166	010	5175	010	5184	010	5193	010	5202	010	5211	010	5220	010	5229	010	5238	010	5247	010	5256	010	5265	010	5274	010	5283	010	5292	010	5301	010	5310	010	5319	010	5328	010	5337	010	5346	010	5355	010	5364	010	5373	010	5382	010	5391	010	5400	010	5409	010	5418	010	5427	010	5436	010	5445	010	5454	010	5463	010	5472	010	5481	010	5490	010	5499	010	5508	010	5517	010	5526	010	5535	010	5544	010	5553	010	5562	010	5571	010	5580	010	5589	010	5598	010	5607	010	5616	010	5625	010	5634	010	5643	010	5652	010	5661	010	5670	010	5679	010	5688	010	5697	010	5706	010	5715	010	5724	010	5733	010	5742	010	5751	010	5760	010	5769	010	5778	010	5787	010	5796	010	5805	010	5814	010	5823	010	5832	010	5841	010	5850	010	5859	010	5868	010	5877	010	5886	010	5895	010	5904	010	5913	010	5922	010	5931	010	5940	010	5949	010	5958	010	5967	010	5976	010	5985	010	5994	010	6003	010	6012	010	6021	010	6030	010	6039	010	6048	010	6057	010	6066	010	6075	010	6084	010	6093	010	6102	010	6111	010	6120	010	6129	010	6138	010	6147	010	6156	010	6165	010	6174	010	6183	010	6192	010	6201	010	6210	010	62

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
 Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIE LAB

TUB registration: 20110801-OE93/OE93L0NA.TXT /.PS
 application for output of displays: monitor systems or data projector systems
 TUB material: code=rhadata

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE^*				
1	52.02	0.0	0.0	52.02	0.0	0.0	0.0	0.01	
2	54.91	0.0	0.0	52.17	0.0	0.0	-2.73	0.0	2.74
3	57.8	0.0	0.02	52.67	0.0	0.0	-5.12	0.0	5.13
4	60.7	0.0	0.04	53.54	0.0	0.0	-7.14	0.0	7.15
5	63.59	0.0	0.06	54.79	0.0	0.0	-8.79	0.0	8.8
6	66.48	0.0	0.1	56.43	0.0	0.0	-10.04	0.0	10.05
7	69.37	0.0	0.15	58.47	0.0	0.0	-10.89	0.0	10.9
8	72.27	0.0	0.2	60.91	0.0	0.0	-11.35	0.0	11.36
9	75.16	0.0	0.27	63.75	0.0	0.0	-11.4	0.0	11.41
10	78.05	0.0	0.35	67.01	0.0	0.0	-11.03	0.0	11.04
11	80.95	0.0	0.43	70.69	0.0	0.0	-10.25	0.0	10.26
12	83.84	0.0	0.52	74.78	0.0	0.0	-9.05	0.0	9.06
13	86.73	0.0	0.63	79.3	0.0	0.0	-7.42	0.0	7.43
14	89.62	0.0	0.74	84.24	0.0	0.0	-5.38	0.0	5.39
15	92.52	0.0	0.87	89.61	0.0	0.0	-2.9	0.0	2.91
16	95.41	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.01
17	52.02	0.0	0.0	52.02	0.0	0.0	0.0	0.0	0.01
18	62.87	0.0	0.06	54.44	0.0	0.0	-8.41	0.0	8.42
19	73.71	0.0	0.24	62.28	0.0	0.0	-11.42	0.0	11.43
20	84.56	0.0	0.55	75.87	0.0	0.0	-8.68	0.0	8.69
21	95.41	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.01

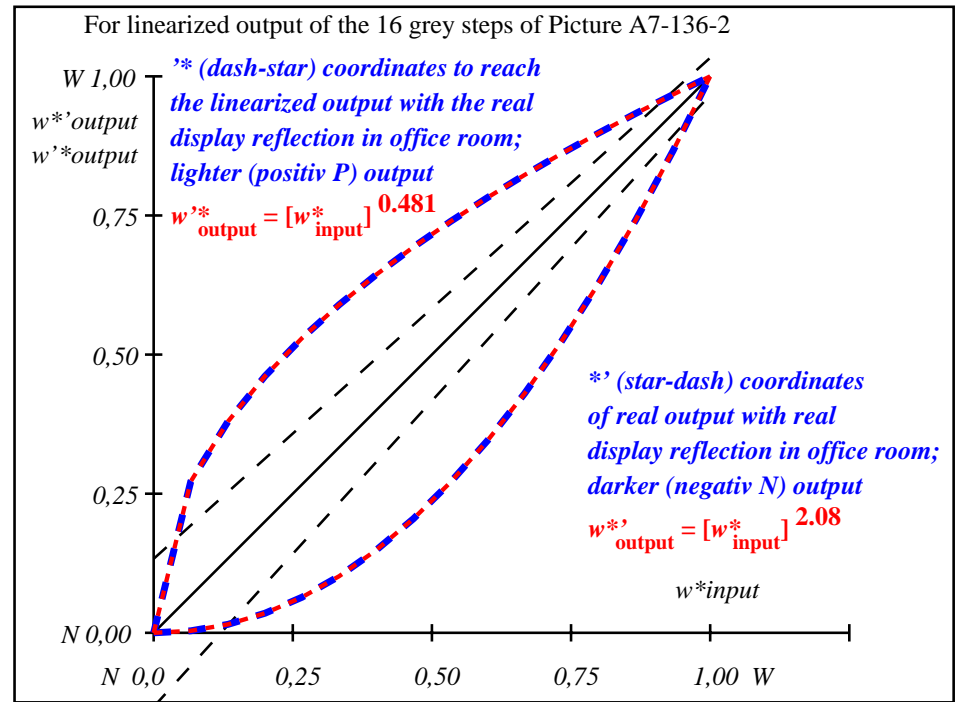
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps)
 $\Delta E^*_{CIE\text{LAB}} = 7.1$

Mean lightness difference (5 steps)
 $\Delta L^*_{CIE\text{LAB}} = 5.7$

Mean colour reproduction index: $R^*_{ab,m} = 69$

OE930-3A-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

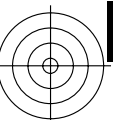


OE931-3N-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

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																
$g_N=1.82$																
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
$w^* = l^*_{CIE\text{LAB},r}$ (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	0,007	0,026	0,054	0,091	0,135	0,189	0,25	0,319	0,395	0,479	0,569	0,666	0,771	0,882	1,0

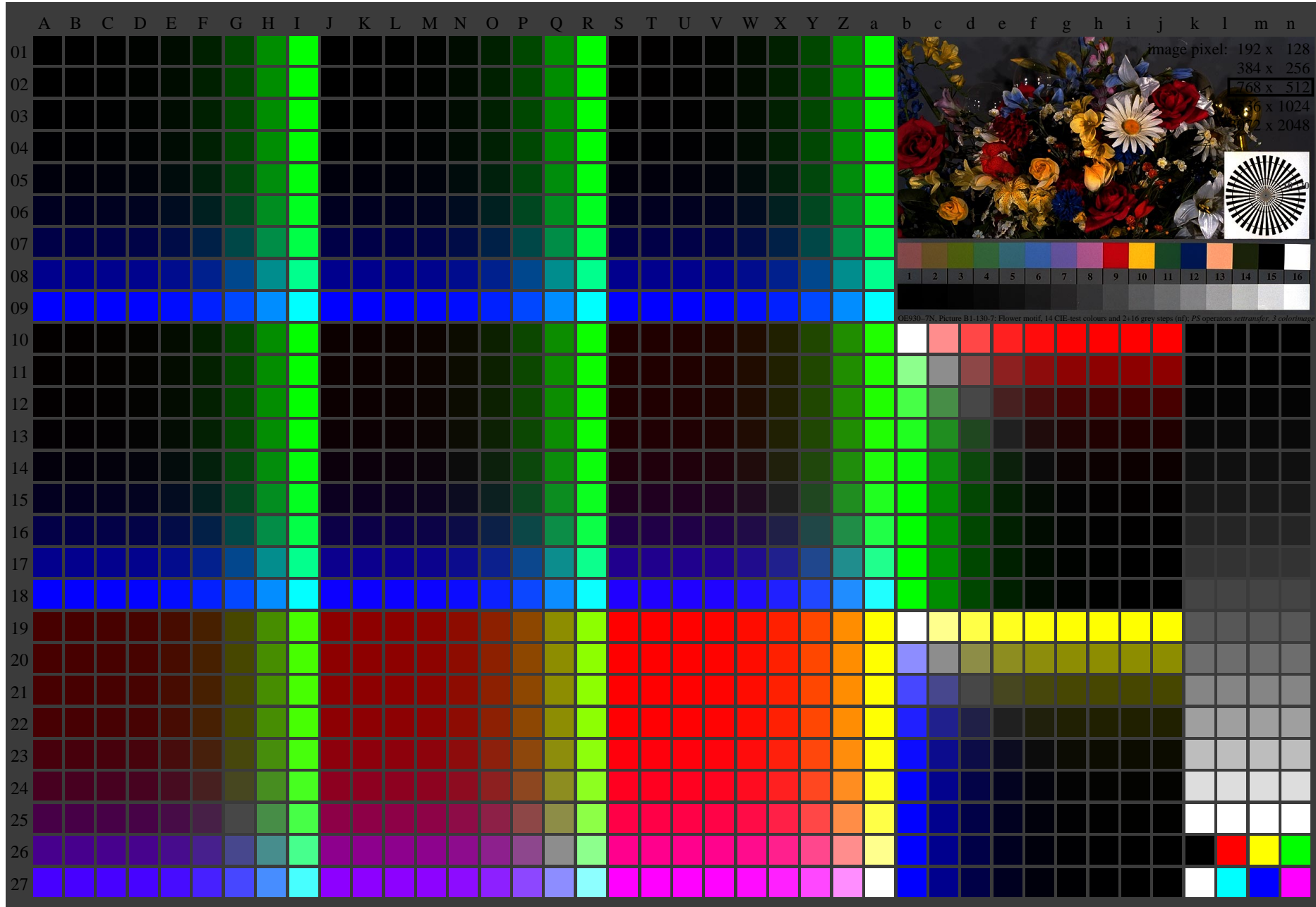
OE930-7N, Picture A7-136-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^* \text{setrgbcolor}$

OE93: In-output relation according to ISO 9241-306; 1MR, DH
 Viewing Y contrast $Y_W:Y_N=88,9:20$; Y_N range 15 to <30
 input: 000n/w/cmy0/rgb (->rgb*d) output 130-2: $g_p=1.0$; $g_N=1.81$



See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIHLAB

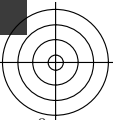
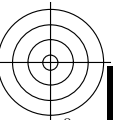
TUB registration: 20110801-OE93/OE93L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=thada4a



OE930-7N, 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 = 56, pchart = 0

OE93: Test chart 2G with 40x27=1080 colours; 1MR, DH
Digital equidistant 9 or 16 step colour scales

input: 000n/w/cmy0/rgb (->rgb*_d)
output 130-0: $g_p=1.0$; $g_N=2.1$



<http://130.149.60.45/~farbmetrik/OE93/OE93L0NA.TXT> /PS; linearized output, Page 2/3
 F: Output Linearization (OL) data OE93/OE93L0NA.TXT /PS in File (F)

TUB registration: 20110801-OE93/OE93L0NA.TXT /PS
 application for output of displays: monitor systems of data projector systems
 TUB material: code=thata4

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/33872E>
 Technical information: <http://www.ps.bam.de/33872E> Version 2.1, i=0-1, j=0-27
 Version 2.1, i=0-1, j=0-27

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
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

OE93-70, 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), nnn*(m), www*(n), colorm = l, xchart = 56, pchart = 1

OE93: Test chart 2G with 40x27=1080 colours; 1MR, DH
 Digital equidistant 9 or 16 step colour scales
 input: 000n/w/cmy0/rgb(->rgb*_d)
 output 130-1: gp=1.0; gN=2.1
<http://130.149.60.45/~farbmetrik/OE93/OE93FINX.PDF> /PS

See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
 Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIE LAB

TUB registration: 20110801-OE93/OE93L0NA.TXT /.PS
 application for output of displays: monitor systems or data projector systems
 TUB material: code=rhadata

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE^*				
1	69.7	0.0	0.0	69.7	0.0	0.0	0.0	0.0	0.01
2	71.41	0.0	0.0	69.75	0.0	0.0	-1.65	0.0	1.66
3	73.13	0.0	0.01	69.97	0.0	0.0	-3.15	0.0	3.16
4	74.84	0.0	0.03	70.37	0.0	0.0	-4.46	0.0	4.47
5	76.55	0.0	0.05	70.99	0.0	0.0	-5.55	0.0	5.56
6	78.27	0.0	0.08	71.84	0.0	0.0	-6.41	0.0	6.42
7	79.98	0.0	0.13	72.94	0.0	0.0	-7.03	0.0	7.04
8	81.7	0.0	0.18	74.29	0.0	0.0	-7.4	0.0	7.41
9	83.41	0.0	0.24	75.91	0.0	0.0	-7.49	0.0	7.5
10	85.12	0.0	0.32	77.8	0.0	0.0	-7.31	0.0	7.32
11	86.84	0.0	0.4	79.98	0.0	0.0	-6.85	0.0	6.86
12	88.55	0.0	0.5	82.45	0.0	0.0	-6.09	0.0	6.1
13	90.27	0.0	0.6	85.23	0.0	0.0	-5.03	0.0	5.04
14	91.98	0.0	0.72	88.3	0.0	0.0	-3.67	0.0	3.68
15	93.7	0.0	0.86	91.7	0.0	0.0	-1.99	0.0	2.0
16	95.41	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.01
17	69.7	0.0	0.0	69.7	0.0	0.0	0.0	0.0	0.01
18	76.13	0.0	0.04	70.82	0.0	0.0	-5.3	0.0	5.31
19	82.55	0.0	0.21	75.07	0.0	0.0	-7.48	0.0	7.49
20	88.98	0.0	0.52	83.12	0.0	0.0	-5.85	0.0	5.86
21	95.41	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.01

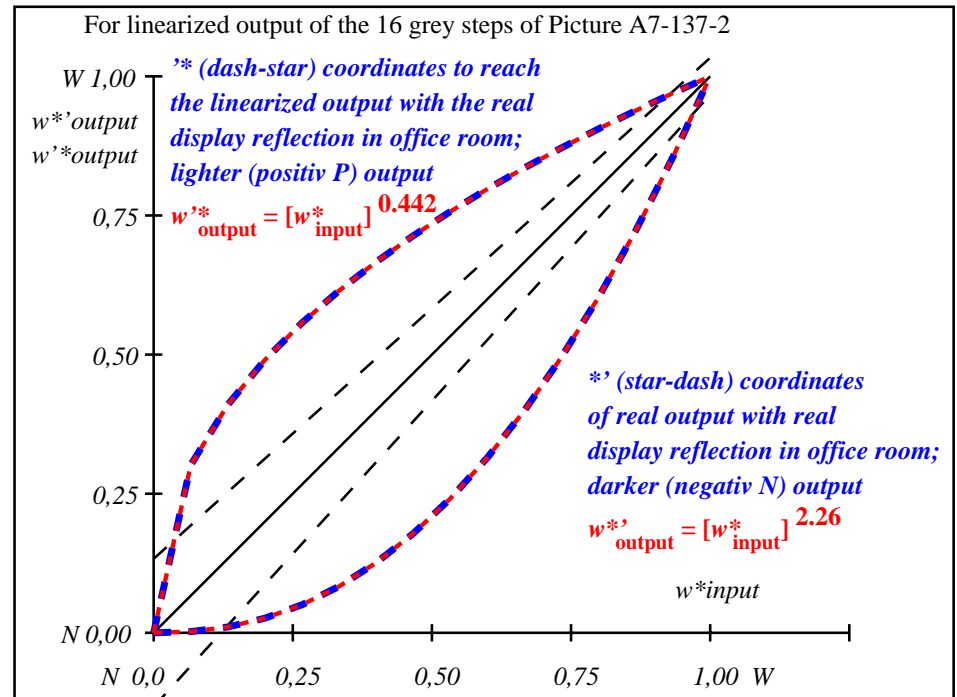
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

Mean lightness difference (5 steps)
 $\Delta L^*_{CIE\text{LAB}} = 3.7$

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

OE930-3A-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE931-3N-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (absolute)	69.7/40.3	71.4/42.8	73.1/45.4	74.8/48.0	76.6/50.8	78.3/53.7	80.0/56.6	81.7/59.7	83.4/62.9	85.1/66.3	86.8/69.7	88.6/73.2	90.3/76.9	92.0/80.7	93.7/84.6	95.4/88.6
$w^* w^* w^*$ setrgb																
$g_N=2.11$ 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
$w^* = l^*_{CIE\text{LAB}, r}$ (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	0,003	0,014	0,034	0,062	0,099	0,145	0,201	0,266	0,341	0,426	0,52	0,625	0,74	0,864	1,0

OE930-7N, Picture A7-137-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*_{setrgbcolor}$

OE93: In-output relation according to ISO 9241-306; 1MR, DH
 Viewing Y contrast $Y_W:Y_N=88,9:40$; Y_N range 30 to <60

input: 000n/w/cmy0/rgb (->rgb*d
 output 130-2: $g_p=1.0$; $g_N=2.1$