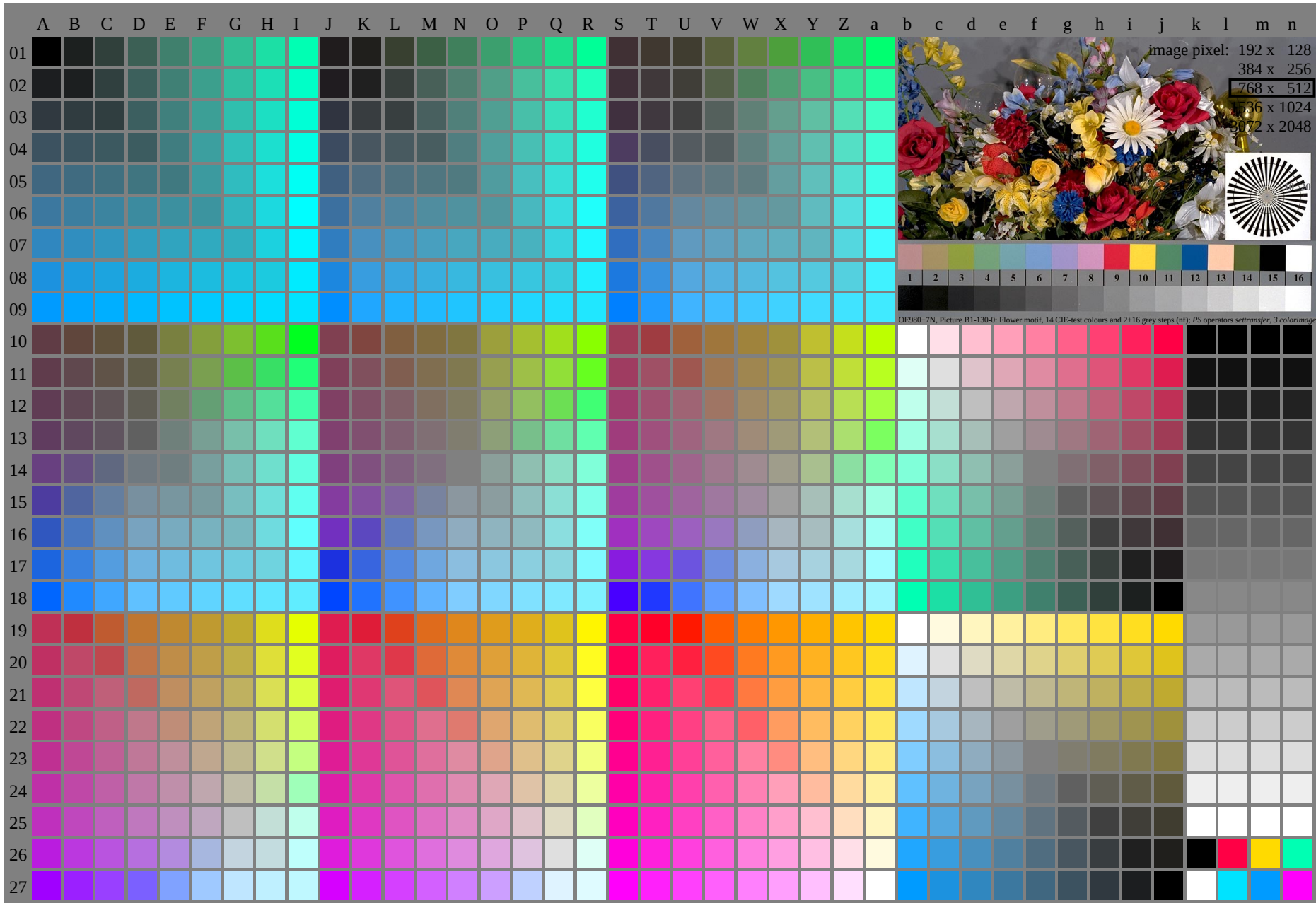
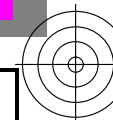
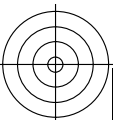


See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB



OE980-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^* \cdot (A_n)$, colorm = 1, xchart = 0, pchart = 0

OE98: Test chart 2G with 40x27=1080 colours; 1MR, DEH
Digital equidistant 9 or 16 step colour scales

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

TUB registration: 20110801-OE98/OE98L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rha4ta

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, CIELAB

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

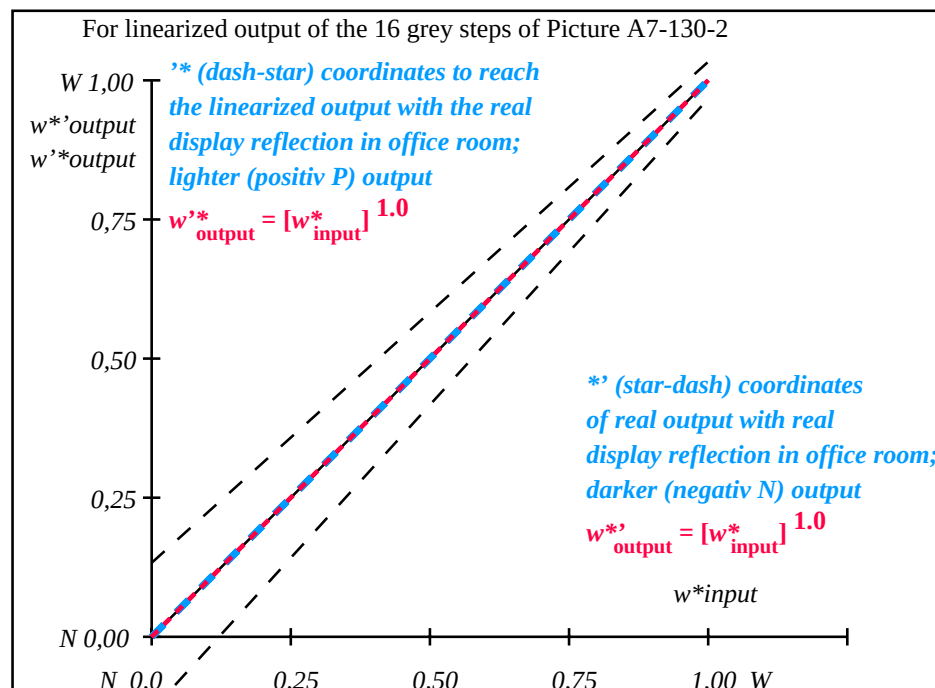
Start output S1
Specification according to
ISO/IEC 15775 Annex G
and DIN 33866-1 Annex G

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

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

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

OE980-3A-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE981-3N-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

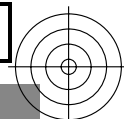
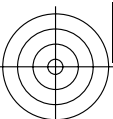
$L^*/Y_{intended}$ (absolute)	0.0/0.0	6.4/0.7	12.7/1.5	19.1/2.8	25.4/4.6	31.8/7.0	38.2/10.2	44.5/14.2	50.9/19.2	57.2/25.2	63.6/32.3	70.0/40.7	76.3/50.4	82.7/61.6	89.0/74.3	95.4/88.6
$w^* w^* w^*$ setrgb $g_p=1.0$																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^*=l^*_{CIELAB, r}$ (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	0.067	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

OE980-7N, Picture A7-130-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

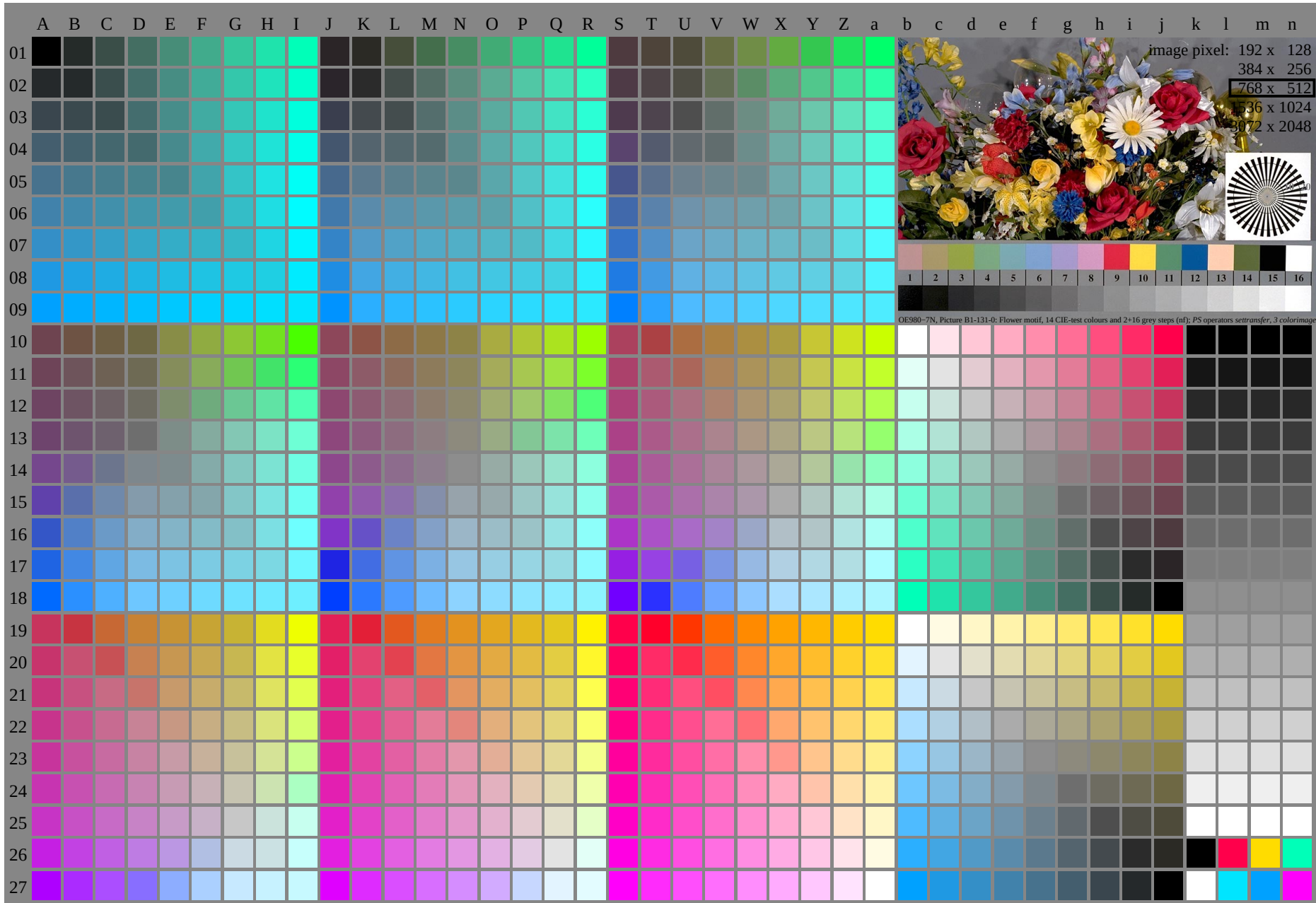
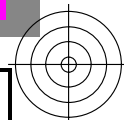
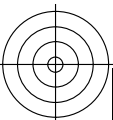
OE98: In-output relation according to ISO 9241-306; 1MR, DEH
Viewing Y contrast $Y_W:Y_N=88,9:0,31$; Y_N range 0,0 to <0,46

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

TUB registration: 20110801-OE98/OE98L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta



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, CIELAB



OE980-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^* \cdot (A_n)$, colorm = 1, xchart = 1, pchart = 0

OE98: Test chart 2G with 40x27=1080 colours; 1MR, DEH
Digital equidistant 9 or 16 step colour scales

input: 000n/w/cmy0/rgb (-> rgb^*_{de})
output 131-0: $g_p=0.92$; $g_N=1.0$

TUB registration: 20110801-OE98/OE98L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rha4ta

100

OE980-70, 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 = 1, pchart = 1



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, CIELAB

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE*
1	5.69 0.0 0.0	0.0 0.0 0.0	5.69 0.0 0.0	0.0 0.0 0.0	0.01
2	11.67 0.0 0.0	0.1 14.73 0.0	0.0 0.0 0.0	3.06 0.0 0.0	3.06
3	17.65 0.0 0.0	0.18 21.96 0.0	0.0 0.0 0.0	4.3 0.0 0.0	4.3
4	23.63 0.0 0.0	0.26 28.63 0.0	0.0 0.0 0.0	4.99 0.0 0.0	4.99
5	29.62 0.0 0.0	0.33 34.96 0.0	0.0 0.0 0.0	5.34 0.0 0.0	5.34
6	35.6 0.0 0.0	0.39 41.05 0.0	0.0 0.0 0.0	5.46 0.0 0.0	5.46
7	41.58 0.0 0.0	0.46 46.96 0.0	0.0 0.0 0.0	5.38 0.0 0.0	5.38
8	47.56 0.0 0.0	0.52 52.72 0.0	0.0 0.0 0.0	5.16 0.0 0.0	5.16
9	53.54 0.0 0.0	0.59 58.36 0.0	0.0 0.0 0.0	4.82 0.0 0.0	4.82
10	59.52 0.0 0.0	0.65 63.88 0.0	0.0 0.0 0.0	4.36 0.0 0.0	4.36
11	65.5 0.0 0.0	0.71 69.32 0.0	0.0 0.0 0.0	3.82 0.0 0.0	3.82
12	71.48 0.0 0.0	0.77 74.67 0.0	0.0 0.0 0.0	3.19 0.0 0.0	3.19
13	77.47 0.0 0.0	0.83 79.95 0.0	0.0 0.0 0.0	2.49 0.0 0.0	2.49
14	83.45 0.0 0.0	0.89 85.16 0.0	0.0 0.0 0.0	1.72 0.0 0.0	1.72
15	89.43 0.0 0.0	0.94 90.31 0.0	0.0 0.0 0.0	0.89 0.0 0.0	0.89
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	5.69 0.0 0.0	0.0 5.69 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
18	28.12 0.0 0.0	0.31 33.4 0.0	0.0 0.0 0.0	5.28 0.0 0.0	5.28
19	50.55 0.0 0.0	0.56 55.55 0.0	0.0 0.0 0.0	5.0 0.0 0.0	5.0
20	72.98 0.0 0.0	0.78 76.0 0.0	0.0 0.0 0.0	3.02 0.0 0.0	3.02
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

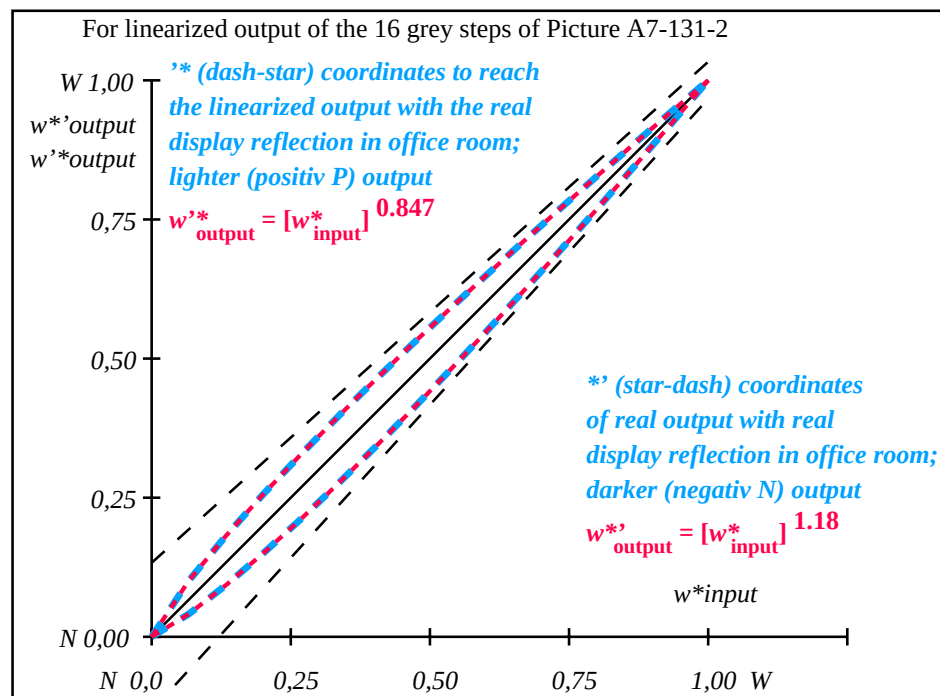
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

OE980-3A-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



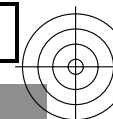
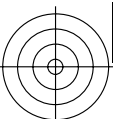
OE981-3N-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (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 $g_P=0.92$ 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

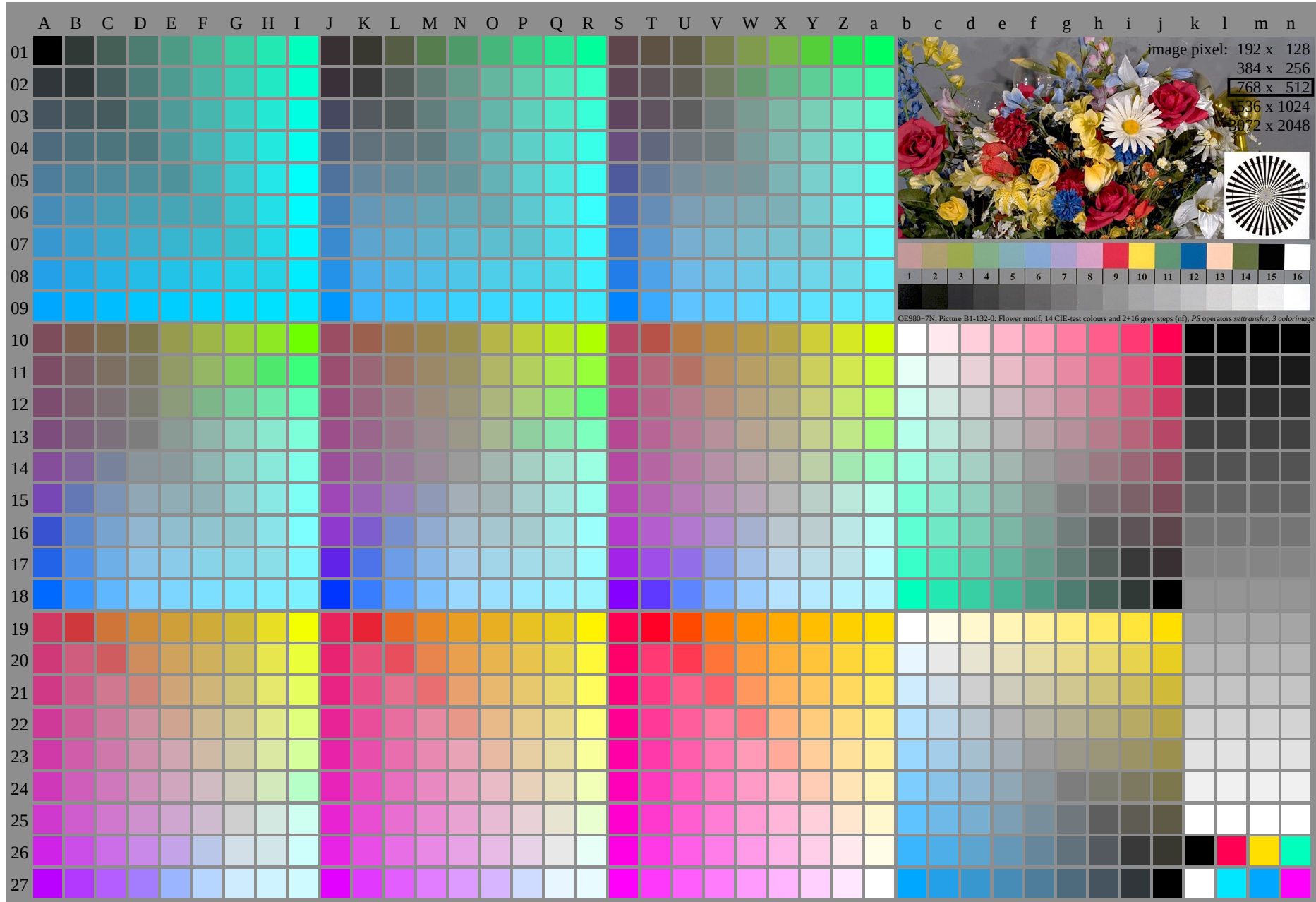
OE980-7N, Picture A7-131-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*_{setrgbcolor}$

OE98: In-output relation according to ISO 9241-306; 1MR, DEH
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*de
output 131-2: $g_P=0.92$; $g_N=1.0$



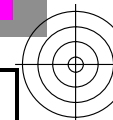
See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB



OE980-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^* \cdot (A_n)$, colorm = 1, xchart = 2, pchart = 0

OE98: Test chart 2G with 40x27=1080 colours; 1MR, DEH
Digital equidistant 9 or 16 step colour scales

input: 000n/w/cmy0/rgb (-> rgb^*_{de})
output 132-0: $g_p=0.85$; $g_N=1.0$



TUB registration: 20110801-OE98/OE98L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rha4ta

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

	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	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 A10	0477 B10	0486 C10	0495 D10	0504 E10	0513 F10	0522 G10	0531 H10	0540 I10	0549 J10	0558 K10	0567 L10	0576 M10	0585 N10	0594 O10	0603 P10	0612 Q10	0621 R10	0630 S10	0639 T10	0648 U10	0657 V10	0666 W10	0675 X10	0684 Y10	0693 Z10	0702 A11	0711 B11	0720 C11	0729 D11	0738 E11	0747 F11	0756 G11	0765 H11	0774 I11	0783 J11	0792 K11	0801 L11	0810 M11	0819 N11	0828 O11	0837 P11	0846 Q11	0855 R11	0864 S11	0873 T11	0882 U11	0891 V11	0900 W11	0909 X11	0918 Y11	0927 Z11	0936 A12	0945 B12	0954 C12	0963 D12	0972 E12	0981 F12	0990 G12	0999 H12	1008 I12	1017 J12	1026 K12	1035 L12	1044 M12	1053 N12	1062 O12	1071 P12	1080 Q12	1089 R12	1098 S12	1107 T12	1116 U12	1125 V12	1134 W12	1143 X12	1152 Y12	1161 Z12	1170 A13	1179 B13	1188 C13	1197 D13	1206 E13	1215 F13	1224 G13	1233 H13	1242 I13	1251 J13	1260 K13	1269 L13	1278 M13	1287 N13	1296 O13	1305 P13	1314 Q13	1323 R13	1332 S13	1341 T13	1350 U13	1359 V13	1368 W13	1377 X13	1386 Y13	1395 Z13	1404 A14	1413 B14	1422 C14	1431 D14	1440 E14	1449 F14	1458 G14	1467 H14	1476 I14	1485 J14	1494 K14	1503 L14	1512 M14	1521 N14	1530 O14	1539 P14	1548 Q14	1557 R14	1566 S14	1575 T14	1584 U14	1593 V14	1602 W14	1611 X14	1620 Y14	1629 Z14	1638 A15	1647 B15	1656 C15	1665 D15	1674 E15	1683 F15	1692 G15	1701 H15	1710 I15	1719 J15	1728 K15	1737 L15	1746 M15	1755 N15	1764 O15	1773 P15	1782 Q15	1791 R15	1800 S15	1809 T15	1818 U15	1827 V15	1836 W15	1845 X15	1854 Y15	1863 Z15	1872 A16	1881 B16	1890 C16	1899 D16	1908 E16	1917 F16	1926 G16	1935 H16	1944 I16	1953 J16	1962 K16	1971 L16	1980 M16	1989 N16	1998 O16	2007 P16	2016 Q16	2025 R16	2034 S16	2043 T16	2052 U16	2061 V16	2070 W16	2079 X16	2088 Y16	2097 Z16	2106 A17	2115 B17	2124 C17	2133 D17	2142 E17	2151 F17	2160 G17	2169 H17	2178 I17	2187 J17	2196 K17	2205 L17	2214 M17	2223 N17	2232 O17	2241 P17	2250 Q17	2259 R17	2268 S17	2277 T17	2286 U17	2295 V17	2304 W17	2313 X17	2322 Y17	2331 Z17	2340 A18	2349 B18	2358 C18	2367 D18	2376 E18	2385 F18	2394 G18	2403 H18	2412 I18	2421 J18	2430 K18	2439 L18	2448 M18	2457 N18	2466 O18	2475 P18	2484 Q18	2493 R18	2502 S18	2511 T18	2520 U18	2529 V18	2538 W18	2547 X18	2556 Y18	2565 Z18	2574 A19	2583 B19	2592 C19	2601 D19	2610 E19	2619 F19	2628 G19	2637 H19	2646 I19	2655 J19	2664 K19	2673 L19	2682 M19	2691 N19	2700 O19	2709 P19	2718 Q19	2727 R19	2736 S19	2745 T19	2754 U19	2763 V19	2772 W19	2781 X19	2790 Y19	2799 Z19	2808 A20	2817 B20	2826 C20	2835 D20	2844 E20	2853 F20	2862 G20	2871 H20	2880 I20	2889 J20	2898 K20	2907 L20	2916 M20	2925 N20	2934 O20	2943 P20	2952 Q20	2961 R20	2970 S20	2979 T20	2988 U20	2997 V20	3006 W20	3015 X20	3024 Y20	3033 Z20	3042 A21	3051 B21	3060 C21	3069 D21	3078 E21	3087 F21	3096 G21	3105 H21	3114 I21	3123 J21	3132 K21	3141 L21	3150 M21	3159 N21	3168 O21	3177 P21	3186 Q21	3195 R21	3204 S21	3213 T21	3222 U21	3231 V21	3240 W21	3249 X21	3258 Y21	3267 Z21	3276 A22	3285 B22	3294 C22	3303 D22	3312 E22	3321 F22	3330 G22	3339 H22	3348 I22	3357 J22	3366 K22	3375 L22	3384 M22	3393 N22	3402 O22	3411 P22	3420 Q22	3429 R22	3438 S22	3447 T22	3456 U22	3465 V22	3474 W22	3483 X22	3492 Y22	3501 Z22	3510 A23	3519 B23	3528 C23	3537 D23	3546 E23	3555 F23	3564 G23	3573 H23	3582 I23	3591 J23	3600 K23	3609 L23	3618 M23	3627 N23	3636 O23	3645 P23	3654 Q23	3663 R23	3672 S23	3681 T23	3690 U23	3699 V23	3708 W23	3717 X23	3726 Y23	3735 Z23	3744 A24	3753 B24	3762 C24	3771 D24	3780 E24	3789 F24	3798 G24	3807 H24	3816 I24	3825 J24	3834 K24	3843 L24	3852 M24	3861 N24	3870 O24	3879 P24	3888 Q24	3897 R24	3906 S24	3915 T24	3924 U24	3933 V24	3942 W24	3951 X24	3960 Y24	3969 Z24	3978 A25	3987 B25	3996 C25	4005 D25	4014 E25	4023 F25	4032 G25	4041 H25	4050 I25	4059 J25	4068 K25	4077 L25	4086 M25	4095 N25	4104 O25	4113 P25	4122 Q25	4131 R25	4140 S25	4149 T25	4158 U25	4167 V25	4176 W25	4185 X25	4194 Y25	4203 Z25	4212 A26	4221 B26	4230 C26	4239 D26	4248 E26	4257 F26	4266 G26	4275 H26	4284 I26	4293 J26	4302 K26	4311 L26	4320 M26	4329 N26	4338 O26	4347 P26	4356 Q26	4365 R26	4374 S26	4383 T26	4392 U26	4401 V26	4410 W26	4419 X26	4428 Y26	4437 Z26	4446 A27	4455 B27	4464 C27	4473 D27	4482 E27	4491 F27	4500 G27	4509 H27	4518 I27	4527 J27	4536 K27	4545 L27	4554 M27	4563 N27	4572 O27	4581 P27	4590 Q27	4599 R27	4608 S27	4617 T27	4626 U27	4635 V27	4644 W27	4653 X27	4662 Y27	4671 Z27	4680 A28	4689 B28	4698 C28	4707 D28	4716 E28	4725 F28	4734 G28	4743 H28	4752 I28	4761 J28	4770 K28	4779 L28	4788 M28	4797 N28	4806 O28	4815 P28	4824 Q28	4833 R28	4842 S28	4851 T28	4860 U28	4869 V28	4878 W28	4887 X28	4896 Y28	4905 Z28	4914 A29	4923 B29	4932 C29	4941 D29	4950 E29	4959 F29	4968 G29	4977 H29	4986 I29	4995 J29	5004 K29	5013 L29	5022 M29	5031 N29	5040 O29	5049 P29	5058 Q29	5067 R29	5076 S29	5085 T29	5094 U29	5103 V29	5112 W29	5121 X29	5130 Y29	5139 Z29	5148 A30	5157 B30	5166 C30	5175 D30	5184 E30	5193 F30	5202 G30	5211 H30	5220 I30	5229 J30	5238 K30	5247 L30	5256 M30	5265 N30	5274 O30	5283 P30	5292 Q30	5301 R30	5310 S30	5319 T30	5328 U30	5337 V30	5346 W30	5355 X30	5364 Y30	5373 Z30	5382 A31	5391 B31	5400 C31	5409 D31	5418 E31	5427 F31	5436 G31	5445 H31	5454 I31	5463 J31	5472 K31	5481 L31	5490 M31	5499 N31	5508 O31	5517 P31	5526 Q31	5535 R31	5544 S31	5553 T31	5562 U31	5571 V31	5580 W31	5589 X31	5598 Y31	5607 Z31	5616 A32	5625 B32	5634 C32	5643 D32	5652 E32	5661 F32	5670 G32	5679 H32	5688 I32	5697 J32	5706 K32	5715 L32	5724 M32	5733 N32	5742 O32	5751 P32	5760 Q32	5769 R32	5778 S32	5787 T32	5796 U32	5805 V32	5814 W32	5823 X32	5832 Y32	5841 Z32	5850 A33	5859 B33	5868 C33	5877 D33	5886 E33	5895 F33	5904 G33	5913 H33	5922 I33	5931 J33	5940 K33	5949 L33	5958 M33	5967 N33	5976 O33	5985 P33	5994 Q33	6003 R33	6012 S33	6021 T33	6030 U33	6039 V33	6048 W33	6057 X33	6066 Y33	6075 Z33	6084 A34	6093 B34	6102 C34	6111 D34	6120 E34	6129 F34	6138 G34	6147 H34	6156 I34	6165 J34	6174 K34	6183 L34	6192 M34	6201 N34	6210 O34	6219 P34	6228 Q34	6237 R34	6246 S34	6255 T34	6264 U34	6273 V34	6282 W34	6291 X34	6300 Y34	6309 Z34	6318 A35	6327 B35	6336 C35	6345 D35	6354 E35	6363 F35	6372 G35	6381 H35	6390 I35	6399 J35	6408 K35	6417 L35	6426 M35	6435 N35	6444 O35	6453 P35	6462 Q35	6471 R35	6480 S35	6489 T35	6498 U35	6507 V35	6516 W35	6525 X35	6534 Y35	6543 Z35	6552 A36	6561 B36	6570 C36	6579 D36	6588 E36	6597 F36	6606 G36	6615 H36	6624 I36	6633 J36	6642 K36	6651 L36	6660 M36	6669 N36	6678 O36	6687 P36	6696 Q36	6705 R36	6714 S36	6723 T36	6732 U36	6741 V36	6750 W36	6759 X36	6768 Y36	6777 Z36	6786 A37	6795 B37	6804 C37	6813 D37	6822 E37	6831 F37	6840 G37	6849 H37	6858 I37	6867 J37	6876 K37	6885 L37	6894 M37	6903 N37	6912 O37	6921 P37	6930 Q37	6939 R37	6948 S37	6957 T37	6966 U37	6975 V37	6984 W37	6993 X37	7002 Y37	7011 Z37	7020 A38	7029 B38	7038 C38	7047 D38	7056 E38	7065 F38	7074 G38	7083 H38	7092 I38	7101 J38	7110 K38	7119 L38	7128 M38	7137 N38	7146 O38	7155 P38	7164 Q38	7173 R38	7182 S38	7191 T38	7200 U38	7209 V38	7218 W38	7227 X38	7236 Y38	7245 Z38	7254 A39	7263 B39	7272 C39	7281 D39	7290 E39	7299 F39	7308 G39	7317 H39	7326 I39	7335 J39	7344 K39	7353 L39	7362 M39	7371 N39	7380 O39	7389 P39	7398 Q39	7407 R39	7416 S39	7425 T39	7434 U39	7443 V39	7452 W39	7461 X39	7470 Y39	7479 Z39	7488 A40	7497 B40	7506 C40	7515 D40	7524 E40	7533 F40	7542 G40	7551 H40	7560 I40	7569 J40	7578 K40	7587 L40	7596 M40	7605 N40	7614 O40	7623 P40	7632 Q40	7641 R40	7650 S40	7659 T40	7668 U40	7677 V40	7686 W40	7695 X40	7704 Y40	7713 Z40	7722 A41	7731 B41	7740 C41	7749 D41	7758 E41	7767 F41	7776 G41	7785 H41	7794 I41	7803 J41	7812 K41	7821 L41	7830 M41	7839 N41	7848 O41	7857 P41	7866 Q41	7875 R41	7884 S41	7893 T41	7902 U41	7911 V41	7920 W41	7929 X41	7938 Y41	7947 Z41	7956 A42	7965 B42	7974 C42	7983 D42	7992 E42	8001 F42	8010 G42	8019 H42	8028 I42	8037 J42	8046 K42	8055 L42	8064 M42	8073 N42	8082 O42	8091 P42	8100 Q42	8109 R42	8118 S42	8127 T42	8136 U42	8145 V42	8154 W42	8163 X42	8172 Y42	8181 Z42	8190 A43	8199 B43	8208 C43	8217 D43	8226 E43	8235 F43	8244 G43	8253 H43	8262 I43	8271 J43	8280 K43	8289 L43	8298 M43	8307 N43	8316 O43	8325 P43	8334 Q43	8343 R43	8352 S43	8361 T43	8370 U43	8379 V43	8388 W43	8397 X43	8406 Y43	8415 Z43	8424 A44	8433 B44	8442 C44	8451 D44	8460 E44	8469 F44	8478 G44	8487 H44	8496 I44	8505 J44	8514 K44	8523 L44	8532 M44	8541 N44	8550 O44	8559 P44	8568 Q44	8577 R44	8586 S44	8595 T44	8604 U44	8613 V44	8622 W44	8631 X44	8640 Y44	8649 Z44	8658 A45	8667 B45	8676 C45	8685 D45	8694 E45	8703 F45	8712 G45	8721 H45	8730 I45	8739 J45	8748 K45	8757 L45	8766 M45	8775 N45	8784 O45	8793 P45	8802 Q45	8811 R45	8820 S45	8829 T45	8838 U45	8847 V45	8856 W45	8865 X45	8874 Y45	8883 Z45	8892 A46	890

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, CIELAB

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	10.99 0.0 0.0	0.0 0.0 0.0	0.01
2	16.62 0.0 0.0	14 22.52 0.0 0.0	14 22.52 0.0 0.0	5.9 0.0 0.0	5.9
3	22.25 0.0 0.0	23 30.18 0.0 0.0	23 30.18 0.0 0.0	7.93 0.0 0.0	7.93
4	27.88 0.0 0.0	31 36.84 0.0 0.0	31 36.84 0.0 0.0	8.97 0.0 0.0	8.97
5	33.5 0.0 0.0	38 42.93 0.0 0.0	38 42.93 0.0 0.0	9.43 0.0 0.0	9.43
6	39.13 0.0 0.0	45 48.63 0.0 0.0	45 48.63 0.0 0.0	9.5 0.0 0.0	9.5
7	44.76 0.0 0.0	51 54.03 0.0 0.0	51 54.03 0.0 0.0	9.27 0.0 0.0	9.27
8	50.39 0.0 0.0	57 59.19 0.0 0.0	57 59.19 0.0 0.0	8.81 0.0 0.0	8.81
9	56.02 0.0 0.0	63 64.17 0.0 0.0	63 64.17 0.0 0.0	8.15 0.0 0.0	8.15
10	61.64 0.0 0.0	69 68.98 0.0 0.0	69 68.98 0.0 0.0	7.33 0.0 0.0	7.33
11	67.27 0.0 0.0	74 73.65 0.0 0.0	74 73.65 0.0 0.0	6.38 0.0 0.0	6.38
12	72.9 0.0 0.0	8 78.2 0.0 0.0	8 78.2 0.0 0.0	5.3 0.0 0.0	5.3
13	78.53 0.0 0.0	85 82.64 0.0 0.0	85 82.64 0.0 0.0	4.11 0.0 0.0	4.11
14	84.15 0.0 0.0	9 86.98 0.0 0.0	9 86.98 0.0 0.0	2.82 0.0 0.0	2.82
15	89.78 0.0 0.0	95 91.23 0.0 0.0	95 91.23 0.0 0.0	1.45 0.0 0.0	1.45
16	95.41 0.0 0.0	1 95.41 0.0 0.0	1 95.41 0.0 0.0	0.0 0.0 0.0	0.01
17	10.99 0.0 0.0	10.99 0.0 0.0	10.99 0.0 0.0	0.0 0.0 0.0	0.01
18	32.1 0.0 0.0	36 41.45 0.0 0.0	36 41.45 0.0 0.0	9.36 0.0 0.0	9.36
19	53.2 0.0 0.0	6 61.7 0.0 0.0	6 61.7 0.0 0.0	8.5 0.0 0.0	8.5
20	74.31 0.0 0.0	81 79.32 0.0 0.0	81 79.32 0.0 0.0	5.01 0.0 0.0	5.01
21	95.41 0.0 0.0	1 95.41 0.0 0.0	1 95.41 0.0 0.0	0.0 0.0 0.0	0.01

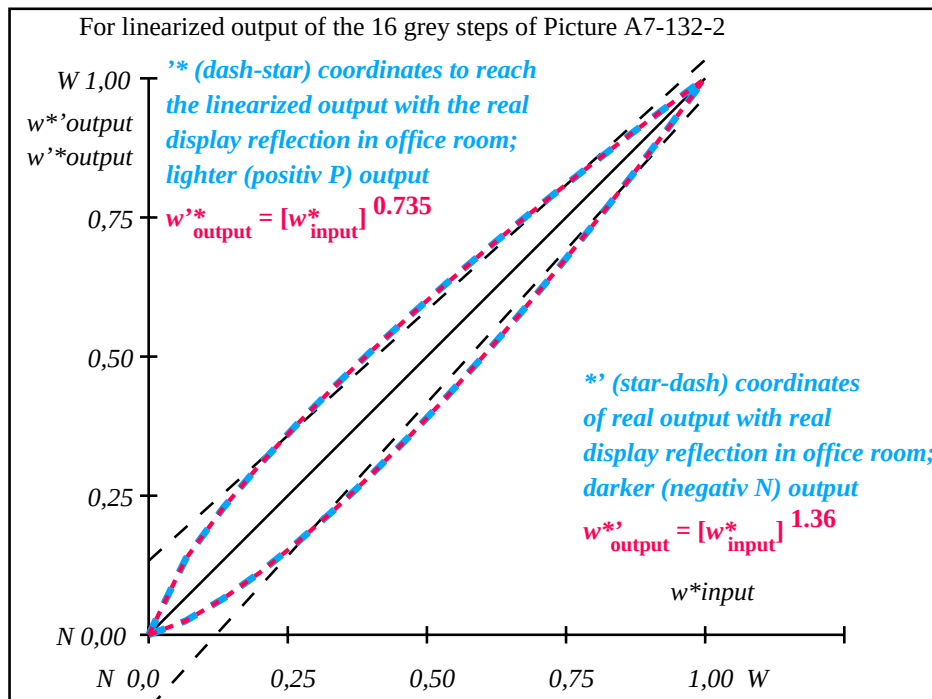
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

OE980-3A-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE981-3N-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

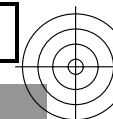
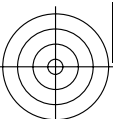
$L^*/Y_{intended}$ (absolute)	11.0/1.3	16.6/2.2	22.2/3.6	27.9/5.4	33.5/7.8	39.1/10.7	44.8/14.4	50.4/18.7	56.0/23.9	61.6/30.0	67.3/37.0	72.9/45.0	78.5/54.1	84.2/64.4	89.8/75.8	95.4/88.6
$w^* w^* w^*$ setrgb $g_P=0.85$ No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^*=l^*_{CIELAB, r}$ (relative)																
$w^*_{intended}$	0.000	0.067	0.133	0.200	0.267	0.333	0.400	0.467	0.533	0.600	0.667	0.733	0.800	0.867	0.933	1.000
w^*_{out}	0.0	0.1	0.18	0.255	0.325	0.393	0.459	0.524	0.586	0.648	0.709	0.768	0.827	0.886	0.943	1.0

OE980-7N, Picture A7-132-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

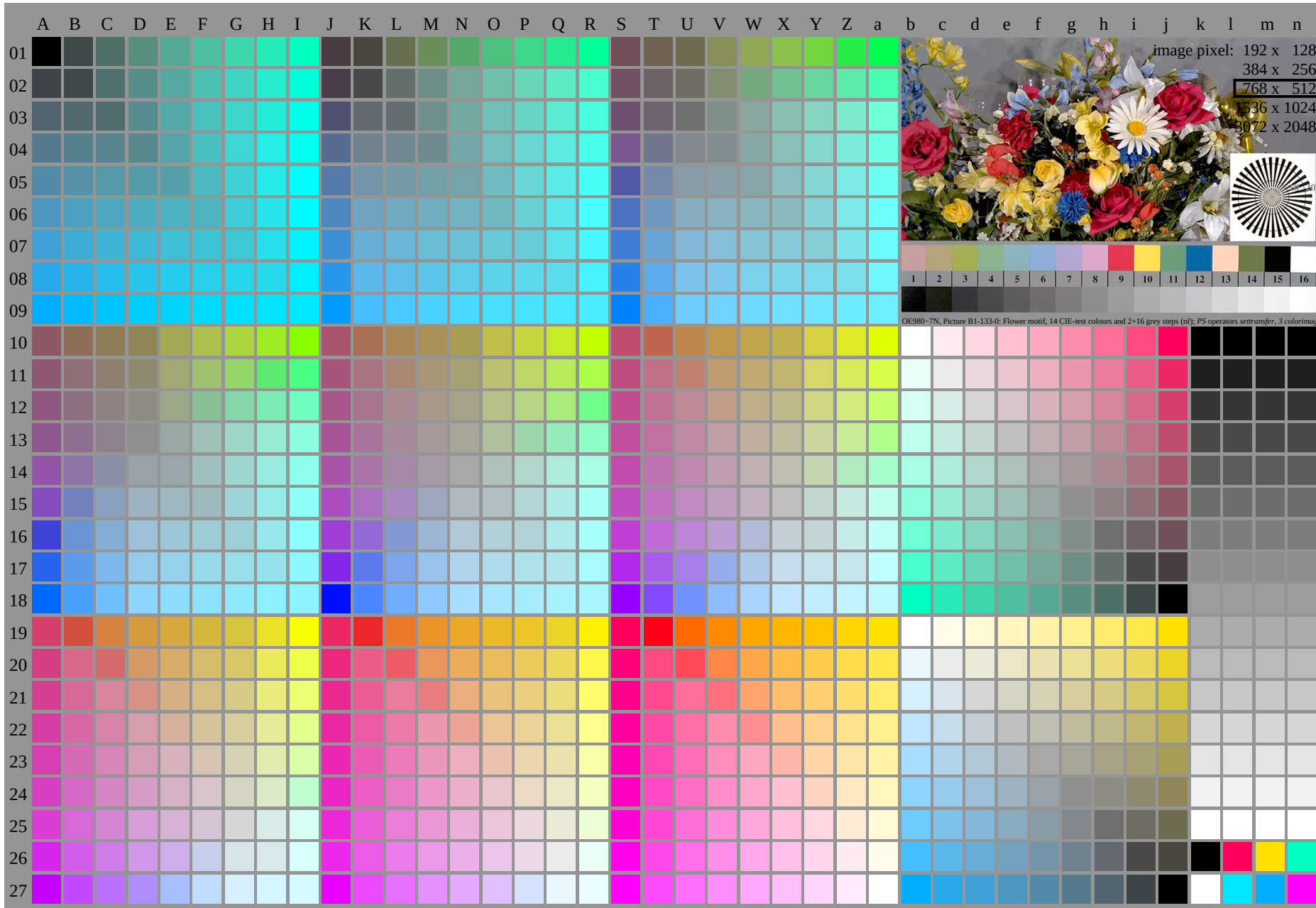
OE98: In-output relation according to ISO 9241-306; 1MR, DEH
Viewing Y contrast $Y_W:Y_N=88,9:1,25$; Y_N range 0,93 to <1,87

input: 000n/w/cmy0/rgb (->rgb*de
output 132-2: $g_P=0.85$; $g_N=1.0$

TUB registration: 20110801-OE98/OE98L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta



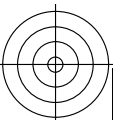
See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB



TUB registration: 20110801-OE98/OE98L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems

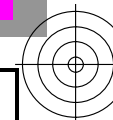
TUB material: code=rha4ta

OE980-7N, 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



OE98: Test chart 2G with 40x27=1080 colours; 1MR, DEH
Digital equidistant 9 or 16 step colour scales

input: 000n/w/cmy0/rgb (-> rgb^*_{de})
output 133-0: $g_P=0.77$; $g_N=1.0$



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

	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 y01	0468 z01	0477 a01	0486 b01	0495 c01	0504 d01	0513 e01	0522 f01	0531 g01	0540 h01	0549 i01	0558 j01	0567 k01	0576 l01	0585 m01	0594 n01	0603 o01	0612 p01	0621 q01	0630 r01	0639 s01	0648 t01	0657 u01	0666 v01	0675 w01	0684 x01	0693 y01	0702 z01	0711 a01	0720 b01	0729 c01	0738 d01	0747 e01	0756 f01	0765 g01	0774 h01	0783 i01	0792 j01	0801 k01	0810 l01	0819 m01	0828 n01	0837 o01	0846 p01	0855 q01	0864 r01	0873 s01	0882 t01	0891 u01	0900 v01	0909 w01	0918 x01	0927 y01	0936 z01	0945 a01	0954 b01	0963 c01	0972 d01	0981 e01	0990 f01	0999 g01	1008 h01	1017 i01	1026 j01	1035 k01	1044 l01	1053 m01	1062 n01	1071 o01	1080 p01	1089 q01	1098 r01	1107 s01	1116 t01	1125 u01	1134 v01	1143 w01	1152 x01	1161 y01	1170 z01	1179 a01	1188 b01	1197 c01	1206 d01	1215 e01	1224 f01	1233 g01	1242 h01	1251 i01	1260 j01	1269 k01	1278 l01	1287 m01	1296 n01	1305 o01	1314 p01	1323 q01	1332 r01	1341 s01	1350 t01	1359 u01	1368 v01	1377 w01	1386 x01	1395 y01	1404 z01	1413 a01	1422 b01	1431 c01	1440 d01	1449 e01	1458 f01	1467 g01	1476 h01	1485 i01	1494 j01	1503 k01	1512 l01	1521 m01	1530 n01	1539 o01	1548 p01	1557 q01	1566 r01	1575 s01	1584 t01	1593 u01	1602 v01	1611 w01	1620 x01	1629 y01	1638 z01	1647 a01	1656 b01	1665 c01	1674 d01	1683 e01	1692 f01	1701 g01	1710 h01	1719 i01	1728 j01	1737 k01	1746 l01	1755 m01	1764 n01	1773 o01	1782 p01	1791 q01	1800 r01	1809 s01	1818 t01	1827 u01	1836 v01	1845 w01	1854 x01	1863 y01	1872 z01	1881 a01	1890 b01	1899 c01	1908 d01	1917 e01	1926 f01	1935 g01	1944 h01	1953 i01	1962 j01	1971 k01	1980 l01	1989 m01	1998 n01	2007 o01	2016 p01	2025 q01	2034 r01	2043 s01	2052 t01	2061 u01	2070 v01	2079 w01	2088 x01	2097 y01	2106 z01	2115 a01	2124 b01	2133 c01	2142 d01	2151 e01	2160 f01	2169 g01	2178 h01	2187 i01	2196 j01	2205 k01	2214 l01	2223 m01	2232 n01	2241 o01	2250 p01	2259 q01	2268 r01	2277 s01	2286 t01	2295 u01	2304 v01	2313 w01	2322 x01	2331 y01	2340 z01	2349 a01	2358 b01	2367 c01	2376 d01	2385 e01	2394 f01	2403 g01	2412 h01	2421 i01	2430 j01	2439 k01	2448 l01	2457 m01	2466 n01	2475 o01	2484 p01	2493 q01	2502 r01	2511 s01	2520 t01	2529 u01	2538 v01	2547 w01	2556 x01	2565 y01	2574 z01	2583 a01	2592 b01	2601 c01	2610 d01	2619 e01	2628 f01	2637 g01	2646 h01	2655 i01	2664 j01	2673 k01	2682 l01	2691 m01	2700 n01	2709 o01	2718 p01	2727 q01	2736 r01	2745 s01	2754 t01	2763 u01	2772 v01	2781 w01	2790 x01	2799 y01	2808 z01	2817 a01	2826 b01	2835 c01	2844 d01	2853 e01	2862 f01	2871 g01	2880 h01	2889 i01	2898 j01	2907 k01	2916 l01	2925 m01	2934 n01	2943 o01	2952 p01	2961 q01	2970 r01	2979 s01	2988 t01	2997 u01	3006 v01	3015 w01	3024 x01	3033 y01	3042 z01	3051 a01	3060 b01	3069 c01	3078 d01	3087 e01	3096 f01	3105 g01	3114 h01	3123 i01	3132 j01	3141 k01	3150 l01	3159 m01	3168 n01	3177 o01	3186 p01	3195 q01	3204 r01	3213 s01	3222 t01	3231 u01	3240 v01	3249 w01	3258 x01	3267 y01	3276 z01	3285 a01	3294 b01	3303 c01	3312 d01	3321 e01	3330 f01	3339 g01	3348 h01	3357 i01	3366 j01	3375 k01	3384 l01	3393 m01	3402 n01	3411 o01	3420 p01	3429 q01	3438 r01	3447 s01	3456 t01	3465 u01	3474 v01	3483 w01	3492 x01	3501 y01	3510 z01	3519 a01	3528 b01	3537 c01	3546 d01	3555 e01	3564 f01	3573 g01	3582 h01	3591 i01	3600 j01	3609 k01	3618 l01	3627 m01	3636 n01	3645 o01	3654 p01	3663 q01	3672 r01	3681 s01	3690 t01	3699 u01	3708 v01	3717 w01	3726 x01	3735 y01	3744 z01	3753 a01	3762 b01	3771 c01	3780 d01	3789 e01	3798 f01	3807 g01	3816 h01	3825 i01	3834 j01	3843 k01	3852 l01	3861 m01	3870 n01	3879 o01	3888 p01	3897 q01	3906 r01	3915 s01	3924 t01	3933 u01	3942 v01	3951 w01	3960 x01	3969 y01	3978 z01	3987 a01	3996 b01	4005 c01	4014 d01	4023 e01	4032 f01	4041 g01	4050 h01	4059 i01	4068 j01	4077 k01	4086 l01	4095 m01	4104 n01	4113 o01	4122 p01	4131 q01	4140 r01	4149 s01	4158 t01	4167 u01	4176 v01	4185 w01	4194 x01	4203 y01	4212 z01	4221 a01	4230 b01	4239 c01	4248 d01	4257 e01	4266 f01	4275 g01	4284 h01	4293 i01	4302 j01	4311 k01	4320 l01	4329 m01	4338 n01	4347 o01	4356 p01	4365 q01	4374 r01	4383 s01	4392 t01	4401 u01	4410 v01	4419 w01	4428 x01	4437 y01	4446 z01	4455 a01	4464 b01	4473 c01	4482 d01	4491 e01	4500 f01	4509 g01	4518 h01	4527 i01	4536 j01	4545 k01	4554 l01	4563 m01	4572 n01	4581 o01	4590 p01	4599 q01	4608 r01	4617 s01	4626 t01	4635 u01	4644 v01	4653 w01	4662 x01	4671 y01	4680 z01	4689 a01	4698 b01	4707 c01	4716 d01	4725 e01	4734 f01	4743 g01	4752 h01	4761 i01	4770 j01	4779 k01	4788 l01	4797 m01	4806 n01	4815 o01	4824 p01	4833 q01	4842 r01	4851 s01	4860 t01	4869 u01	4878 v01	4887 w01	4896 x01	4905 y01	4914 z01	4923 a01	4932 b01	4941 c01	4950 d01	4959 e01	4968 f01	4977 g01	4986 h01	4995 i01	5004 j01	5013 k01	5022 l01	5031 m01	5040 n01	5049 o01	5058 p01	5067 q01	5076 r01	5085 s01	5094 t01	5103 u01	5112 v01	5121 w01	5130 x01	5139 y01	5148 z01	5157 a01	5166 b01	5175 c01	5184 d01	5193 e01	5202 f01	5211 g01	5220 h01	5229 i01	5238 j01	5247 k01	5256 l01	5265 m01	5274 n01	5283 o01	5292 p01	5301 q01	5310 r01	5319 s01	5328 t01	5337 u01	5346 v01	5355 w01	5364 x01	5373 y01	5382 z01	5391 a01	5400 b01	5409 c01	5418 d01	5427 e01	5436 f01	5445 g01	5454 h01	5463 i01	5472 j01	5481 k01	5490 l01	5499 m01	5508 n01	5517 o01	5526 p01	5535 q01	5544 r01	5553 s01	5562 t01	5571 u01	5580 v01	5589 w01	5598 x01	5607 y01	5616 z01	5625 a01	5634 b01	5643 c01	5652 d01	5661 e01	5670 f01	5679 g01	5688 h01	5697 i01	5706 j01	5715 k01	5724 l01	5733 m01	5742 n01	5751 o01	5760 p01	5769 q01	5778 r01	5787 s01	5796 t01	5805 u01	5814 v01	5823 w01	5832 x01	5841 y01	5850 z01	5859 a01	5868 b01	5877 c01	5886 d01	5895 e01	5904 f01	5913 g01	5922 h01	5931 i01	5940 j01	5949 k01	5958 l01	5967 m01	5976 n01	5985 o01	5994 p01	6003 q01	6012 r01	6021 s01	6030 t01	6039 u01	6048 v01	6057 w01	6066 x01	6075 y01	6084 z01	6093 a01	6102 b01	6111 c01	6120 d01	6129 e01	6138 f01	6147 g01	6156 h01	6165 i01	6174 j01	6183 k01	6192 l01	6201 m01	6210 n01	6219 o01	6228 p01	6237 q01	6246 r01	6255 s01	6264 t01	6273 u01	6282 v01	6291 w01	6300 x01	6309 y01	6318 z01	6327 a01	6336 b01	6345 c01	6354 d01	6363 e01	6372 f01	6381 g01	6390 h01	6399 i01	6408 j01	6417 k01	6426 l01	6435 m01	6444 n01	6453 o01	6462 p01	6471 q01	6480 r01	6489 s01	6498 t01	6507 u01	6516 v01	6525 w01	6534 x01	6543 y01	6552 z01	6561 a01	6570 b01	6579 c01	6588 d01	6597 e01	6606 f01	6615 g01	6624 h01	6633 i01	6642 j01	6651 k01	6660 l01	6669 m01	6678 n01	6687 o01	6696 p01	6705 q01	6714 r01	6723 s01	6732 t01	6741 u01	6750 v01	6759 w01	6768 x01	6777 y01	6786 z01	6795 a01	6804 b01	6813 c01	6822 d01	6831 e01	6840 f01	6849 g01	6858 h01	6867 i01	6876 j01	6885 k01	6894 l01	6903 m01	6912 n01	6921 o01	6930 p01	6939 q01	6948 r01	6957 s01	6966 t01	6975 u01	6984 v01	6993 w01	7002 x01	7011 y01	7020 z01	7029 a01	7038 b01	7047 c01	7056 d01	7065 e01	7074 f01	7083 g01	7092 h01	7101 i01	7110 j01	7119 k01	7128 l01	7137 m01	7146 n01	7155 o01	7164 p01	7173 q01	7182 r01	7191 s01	7200 t01	7209 u01	7218 v01	7227 w01	7236 x01	7245 y01	7254 z01	7263 a01	7272 b01	7281 c01	7290 d01	7299 e01	7308 f01	7317 g01	7326 h01	7335 i01	7344 j01	7353 k01	7362 l01	7371 m01	7380 n01	7389 o01	7398 p01	7407 q01	7416 r01	7425 s01	7434 t01	7443 u01	7452 v01	7461 w01	7470 x01	7479 y01	7488 z01	7497 a01	7506 b01	7515 c01	7524 d01	7533 e01	7542 f01	7551 g01	7560 h01	7569 i01	7578 j01	7587 k01	7596 l01	7605 m01	7614 n01	7623 o01	7632 p01	7641 q01	7650 r01	7659 s01	7668 t01	7677 u01	7686 v01	7695 w01	7704 x01	7713 y01	7722 z01	7731 a01	7740 b01	7749 c01	7758 d01	7767 e01	7776 f01	7785 g01	7794 h01	7803 i01	7812 j01	7821 k01	7830 l01	7839 m01	7848 n01	7857 o01	7866 p01	7875 q01	7884 r01	7893 s01	7902 t01	7911 u01	7920 v01	7929 w01	7938 x01	7947 y01	7956 z01	7965 a01	7974 b01	7983 c01	7992 d01	8001 e01	8010 f01	8019 g01	8028 h01	8037 i01	8046 j01	8055 k01	8064 l01	8073 m01	8082 n01	8091 o01	8100 p01	8109 q01	8118 r01	8127 s01	8136 t01	8145 u01	8154 v01	8163 w01	8172 x01	8181 y01	8190 z01	8199 a01	8208 b01	8217 c01	8226 d01	8235 e01	8244 f01	8253 g01	8262 h01	8271 i01	8280 j01	8289 k01	8298 l01	8307 m01	8316 n01	8325 o01	8334 p01	8343 q01	8352 r01	8361 s01	8370 t01	8379 u01	8388 v01	8397 w01	8406 x01	8415 y01	8424 z01	8433 a01	8442 b01	8451 c01	8460 d01	8469 e01	8478 f01	8487 g01	8496 h01	8505 i01	8514 j01	8523 k01	8532 l01	8541 m01	8550 n01	8559 o01	8568 p01	8577 q01	8586 r01	8595 s01	8604 t01	8613 u01	8622 v01	8631 w01	8640 x01	8649 y01	8658 z01	8667 a01	8676 b01	8685 c01	8694 d01	8703 e01	8712 f01	8721 g01	8730 h01	8739 i01	8748 j01	8757 k01	8766 l01	8775 m01	8784 n01	8793 o01	8802 p01	8811 q01	8820 r01	8829 s01	8838 t01	8847 u01	8856 v01	8865 w01	8874 x01	8883 y01	8892 z01	890

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, CIELAB

i	LAB*ref	L*out	LAB*out	LAB*out/c-ref	ΔE*
1	18.01 0.0 0.0	0.0 18.01 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
2	23.17 0.0 0.0	0.17 31.35 0.0	0.0 0.0 0.0	8.18 0.0 0.0	8.18
3	28.33 0.0 0.0	0.27 38.93 0.0	0.0 0.0 0.0	10.6 0.0 0.0	10.6
4	33.49 0.0 0.0	0.35 45.23 0.0	0.0 0.0 0.0	11.74 0.0 0.0	11.74
5	38.65 0.0 0.0	0.42 50.82 0.0	0.0 0.0 0.0	12.17 0.0 0.0	12.17
6	43.81 0.0 0.0	0.49 55.93 0.0	0.0 0.0 0.0	12.12 0.0 0.0	12.12
7	48.97 0.0 0.0	0.55 60.7 0.0	0.0 0.0 0.0	11.73 0.0 0.0	11.73
8	54.13 0.0 0.0	0.61 65.2 0.0	0.0 0.0 0.0	11.07 0.0 0.0	11.07
9	59.29 0.0 0.0	0.66 69.47 0.0	0.0 0.0 0.0	10.18 0.0 0.0	10.18
10	64.45 0.0 0.0	0.72 73.56 0.0	0.0 0.0 0.0	9.11 0.0 0.0	9.11
11	69.61 0.0 0.0	0.77 77.49 0.0	0.0 0.0 0.0	7.88 0.0 0.0	7.88
12	74.77 0.0 0.0	0.82 81.29 0.0	0.0 0.0 0.0	6.52 0.0 0.0	6.52
13	79.93 0.0 0.0	0.87 84.97 0.0	0.0 0.0 0.0	5.04 0.0 0.0	5.04
14	85.09 0.0 0.0	0.91 88.54 0.0	0.0 0.0 0.0	3.45 0.0 0.0	3.45
15	90.25 0.0 0.0	0.96 92.02 0.0	0.0 0.0 0.0	1.77 0.0 0.0	1.77
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	18.01 0.0 0.0	0.0 18.01 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
18	37.36 0.0 0.0	0.41 49.47 0.0	0.0 0.0 0.0	12.11 0.0 0.0	12.11
19	56.71 0.0 0.0	0.64 67.36 0.0	0.0 0.0 0.0	10.65 0.0 0.0	10.65
20	76.06 0.0 0.0	0.83 82.22 0.0	0.0 0.0 0.0	6.16 0.0 0.0	6.16
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

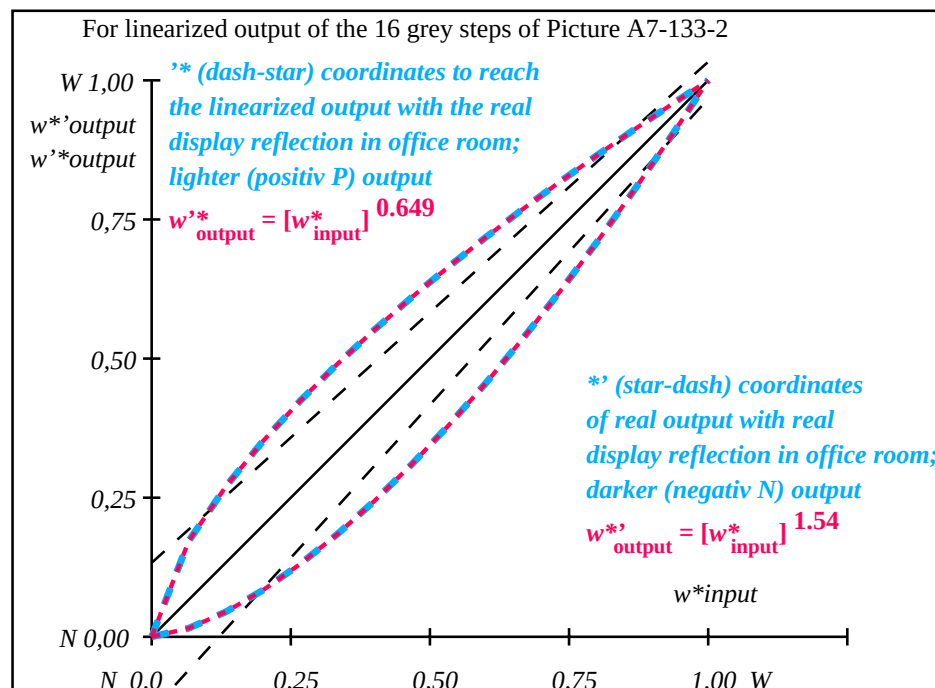
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

OE980-3A-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE981-3N-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (absolute)	18.0/2.5	23.2/3.8	28.3/5.6	33.5/7.8	38.6/10.5	43.8/13.7	49.0/17.6	54.1/22.1	59.3/27.3	64.4/33.4	69.6/40.2	74.8/47.9	79.9/56.6	85.1/66.2	90.2/76.8	95.4/88.6
$w^* w^* w^*$ setrgb $g_P=0.78$ 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)	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
$w^*_{intended}$ w^*_{out}	0.000 0.0	0.067 0.123	0.133 0.209	0.200 0.287	0.267 0.359	0.333 0.426	0.400 0.492	0.467 0.554	0.533 0.614	0.600 0.673	0.667 0.731	0.733 0.786	0.800 0.841	0.867 0.895	0.933 0.948	1.000 1.0

OE980-7N, Picture A7-133-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE98: In-output relation according to ISO 9241-306; 1MR, DEH
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*de
output 133-2: $g_P=0.77$; $g_N=1.0$

TUB registration: 20110801-OE98/OE98L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rha4ta

TUB registration: 20110801-OE98/OE98LONA.TXT /.PS TUB material: code=rha4ta
+ application for output of displays: monitor systems or data projector systems



input: 000n/w/cmy0/rgb (->rgb*de
output 134-0: $g_P=0.7$; $g_N=1.0$

OE980-70, 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*w* (l), nnn0* (m), wwww* (n), colorm = 1, xchart = 4, pchart = 1

input: 000n/w/cmy0/rgb (->rgb*de
output 134-1: $q_P=0.7$; $q_N=1.0$

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, CIELAB

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	0.21 41.05 0.0	0.0 0.0 0.0	9.63 0.0 0.0	9.63
3	35.99 0.0 0.0	0.31 48.1 0.0	0.0 0.0 0.0	12.11 0.0 0.0	12.11
4	40.56 0.0 0.0	0.39 53.75 0.0	0.0 0.0 0.0	13.18 0.0 0.0	13.18
5	45.13 0.0 0.0	0.46 58.64 0.0	0.0 0.0 0.0	13.51 0.0 0.0	13.51
6	49.7 0.0 0.0	0.53 63.05 0.0	0.0 0.0 0.0	13.34 0.0 0.0	13.34
7	54.27 0.0 0.0	0.59 67.09 0.0	0.0 0.0 0.0	12.82 0.0 0.0	12.82
8	58.84 0.0 0.0	0.64 70.87 0.0	0.0 0.0 0.0	12.02 0.0 0.0	12.02
9	63.41 0.0 0.0	0.69 74.42 0.0	0.0 0.0 0.0	11.01 0.0 0.0	11.01
10	67.99 0.0 0.0	0.74 77.79 0.0	0.0 0.0 0.0	9.81 0.0 0.0	9.81
11	72.56 0.0 0.0	0.79 81.01 0.0	0.0 0.0 0.0	8.46 0.0 0.0	8.46
12	77.13 0.0 0.0	0.84 84.1 0.0	0.0 0.0 0.0	6.97 0.0 0.0	6.97
13	81.7 0.0 0.0	0.88 87.07 0.0	0.0 0.0 0.0	5.37 0.0 0.0	5.37
14	86.27 0.0 0.0	0.92 89.94 0.0	0.0 0.0 0.0	3.67 0.0 0.0	3.67
15	90.84 0.0 0.0	0.96 92.71 0.0	0.0 0.0 0.0	1.88 0.0 0.0	1.88
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	0.45 57.47 0.0	0.0 0.0 0.0	13.48 0.0 0.0	13.48
19	61.13 0.0 0.0	0.67 72.67 0.0	0.0 0.0 0.0	11.54 0.0 0.0	11.54
20	78.27 0.0 0.0	0.85 84.85 0.0	0.0 0.0 0.0	6.58 0.0 0.0	6.58
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

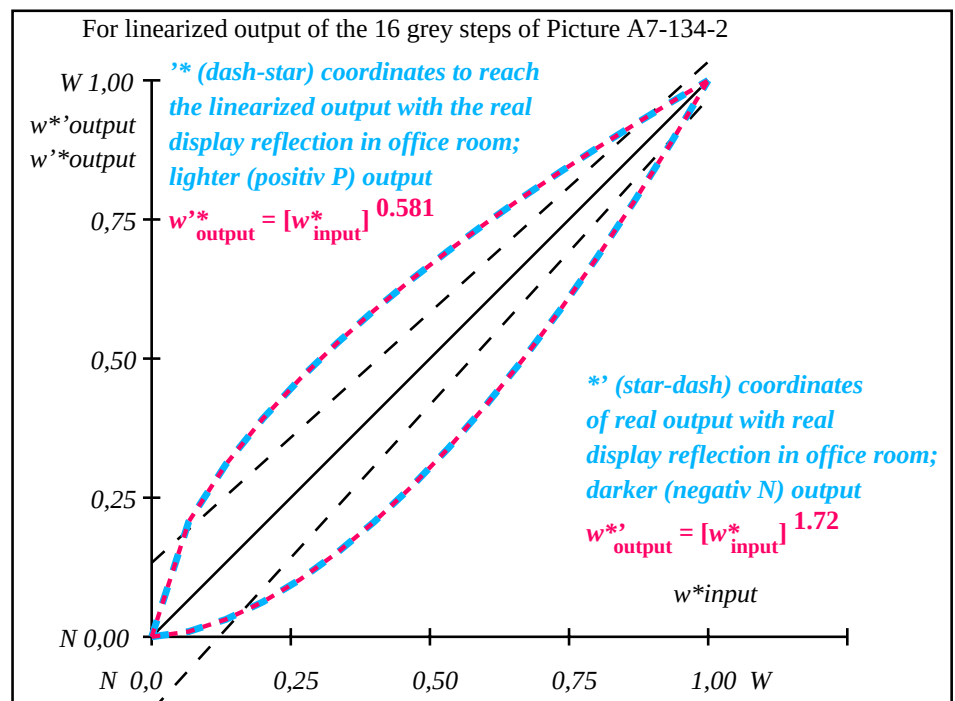
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

OE980-3A-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE981-3N-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

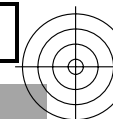
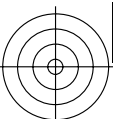
$L^*/Y_{intended}$ (absolute)	26.8/5.0	31.4/6.8	36.0/9.0	40.6/11.6	45.1/14.6	49.7/18.2	54.3/22.2	58.8/26.9	63.4/32.1	68.0/38.0	72.6/44.5	77.1/51.7	81.7/59.7	86.3/68.5	90.8/78.1	95.4/88.6
$w^* w^* w^*$ setrgb																
$g_p=0.7$																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	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

OE980-7N, Picture A7-134-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

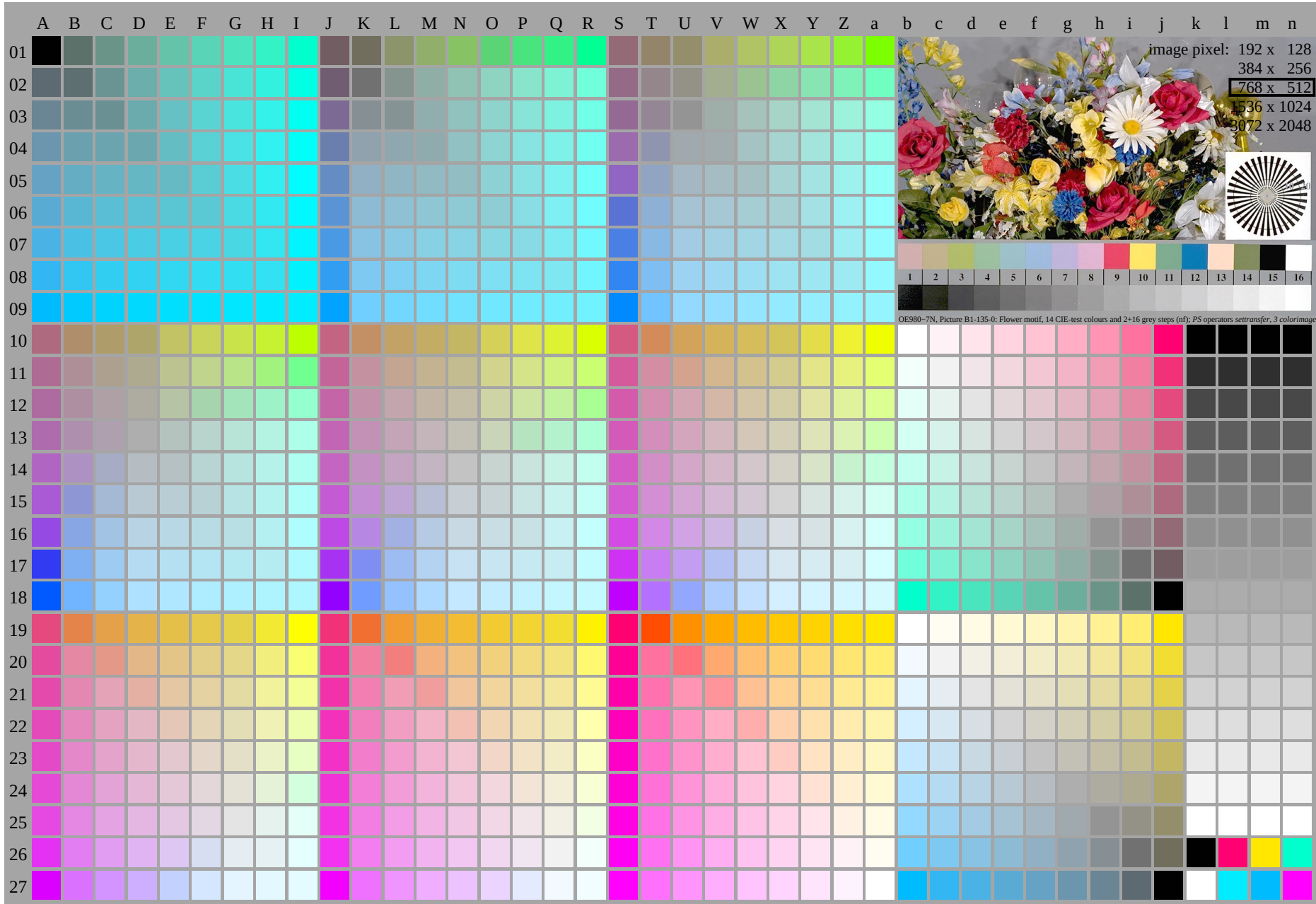
OE98: In-output relation according to ISO 9241-306; 1MR, DEH
Viewing Y contrast $Y_W:Y_N=88,9:5$; Y_N range 3,75 to <7,5

input: 000n/w/cmy0/rgb (->rgb*de
output 134-2: $g_p=0.7$; $g_N=1.0$

TUB registration: 20110801-OE98/OE98L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta



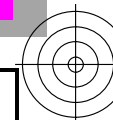
See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB



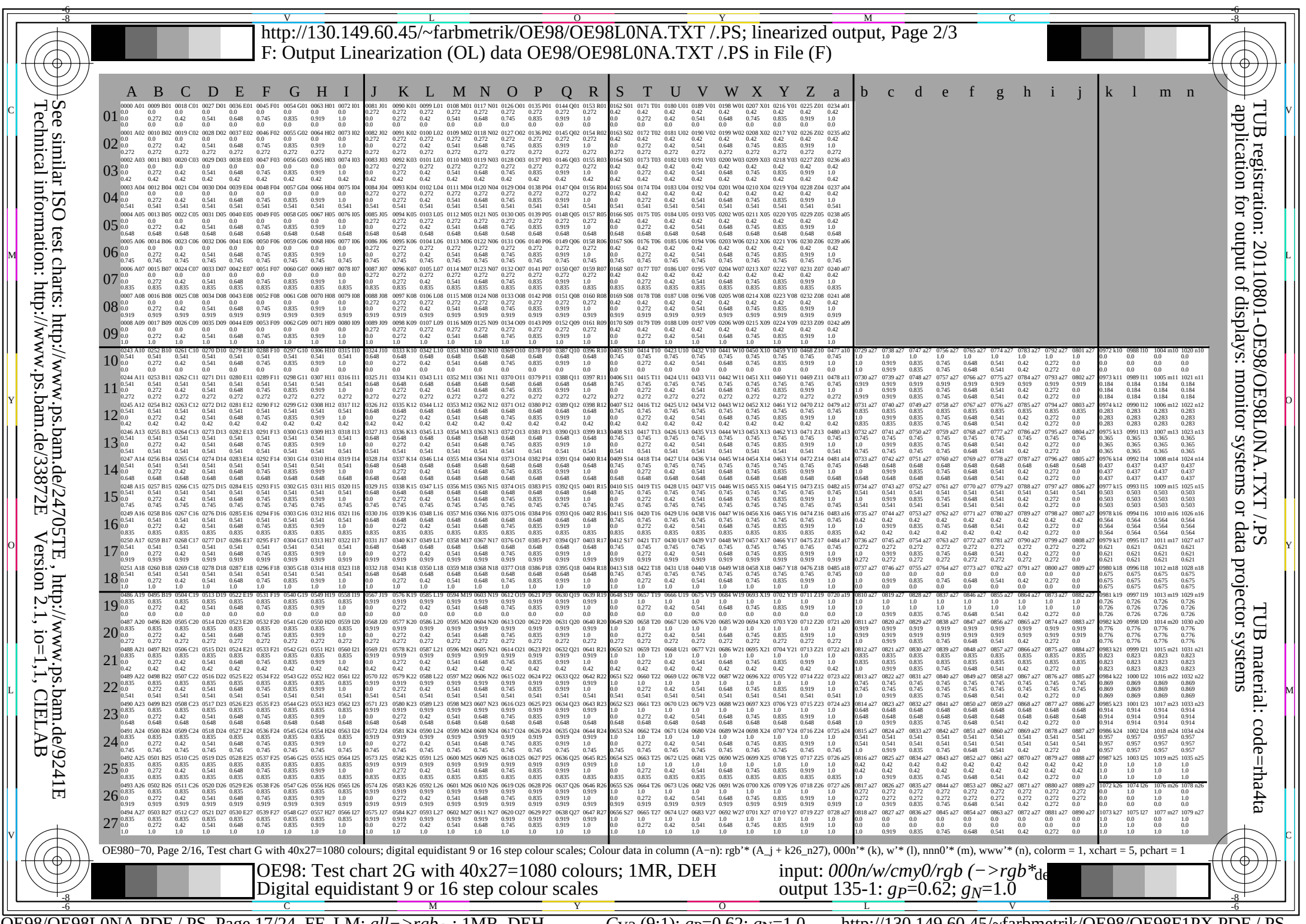
OE980-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): rgb^*_{de} (A-n), colorm = 1, xchart = 5, pchart = 0

OE98: Test chart 2G with 40x27=1080 colours; 1MR, DEH
Digital equidistant 9 or 16 step colour scales

input: $000n/w/cmy0/rgb$ ($\rightarrow rgb^*_{de}$)
output 135-0: $g_p=0.62$; $g_N=1.0$



TUB registration: 20110801-OE98/OE98L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rha4ta



See similar ISO test charts: <http://www.ps.pan.de/24705TE>, <http://www.ps.pan.de/3387ZE> Version 2.1, io=1, CELLAB

TUB registration: 20110801-OE98/OE98L0NA.TXT /PS
application for output of displays: monitor systems or data projector systems
TUB material: code=nh44a

OE98-70, Page 2/16, Test chart G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*(A_j + k26 \cdot n27)$, $000n^*(k)$, $w^*(l)$, $nnn0^*(m)$, $www^*(n)$, $colorm = 1$, $xchart = 5$, $pchart = 1$

OE98: Test chart 2G with 40x27=1080 colours; 1MR, DEH
Digital equidistant 9 or 16 step colour scales
input: $000n/w/cmy0/rgb(->rgb^*_{de})$
output 135-1: $g_p=0.62$; $g_N=1.0$
<http://130.149.60.45/~farbmetrik/OE98/OE98F1PX.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, CIELAB

i	LAB*ref	l*out			LAB*out			LAB*out/c-ref			ΔE*	Start output S1 Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G
1	37.99	0.0	0.0	0.0	37.99	0.0	0.0	0.0	0.0	0.0	0.01	
2	41.81	0.0	0.0	0.24	51.79	0.0	0.0	9.98	0.0	0.0	9.98	
3	45.64	0.0	0.0	0.35	57.87	0.0	0.0	12.23	0.0	0.0	12.23	
4	49.47	0.0	0.0	0.43	62.6	0.0	0.0	13.13	0.0	0.0	13.13	
5	53.3	0.0	0.0	0.5	66.63	0.0	0.0	13.33	0.0	0.0	13.33	
6	57.13	0.0	0.0	0.56	70.19	0.0	0.0	13.07	0.0	0.0	13.07	
7	60.96	0.0	0.0	0.62	73.44	0.0	0.0	12.48	0.0	0.0	12.48	
8	64.78	0.0	0.0	0.67	76.44	0.0	0.0	11.65	0.0	0.0	11.65	
9	68.61	0.0	0.0	0.72	79.23	0.0	0.0	10.62	0.0	0.0	10.62	
10	72.44	0.0	0.0	0.76	81.87	0.0	0.0	9.43	0.0	0.0	9.43	
11	76.27	0.0	0.0	0.81	84.37	0.0	0.0	8.11	0.0	0.0	8.11	
12	80.1	0.0	0.0	0.85	86.76	0.0	0.0	6.66	0.0	0.0	6.66	
13	83.93	0.0	0.0	0.89	89.05	0.0	0.0	5.12	0.0	0.0	5.12	
14	87.75	0.0	0.0	0.93	91.24	0.0	0.0	3.49	0.0	0.0	3.49	
15	91.58	0.0	0.0	0.96	93.36	0.0	0.0	1.78	0.0	0.0	1.78	
16	95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.0	0.01	
17	37.99	0.0	0.0	0.0	37.99	0.0	0.0	0.0	0.0	0.0	0.01	
18	52.34	0.0	0.0	0.48	65.67	0.0	0.0	13.33	0.0	0.0	13.33	
19	66.7	0.0	0.0	0.69	77.86	0.0	0.0	11.16	0.0	0.0	11.16	
20	81.05	0.0	0.0	0.86	87.34	0.0	0.0	6.29	0.0	0.0	6.29	
21	95.41	0.0	0.0	1.0	95.41	0.0	0.0	0.0	0.0	0.0	0.01	

Mean colour reproduction index:

R*_{ab,m} = 65

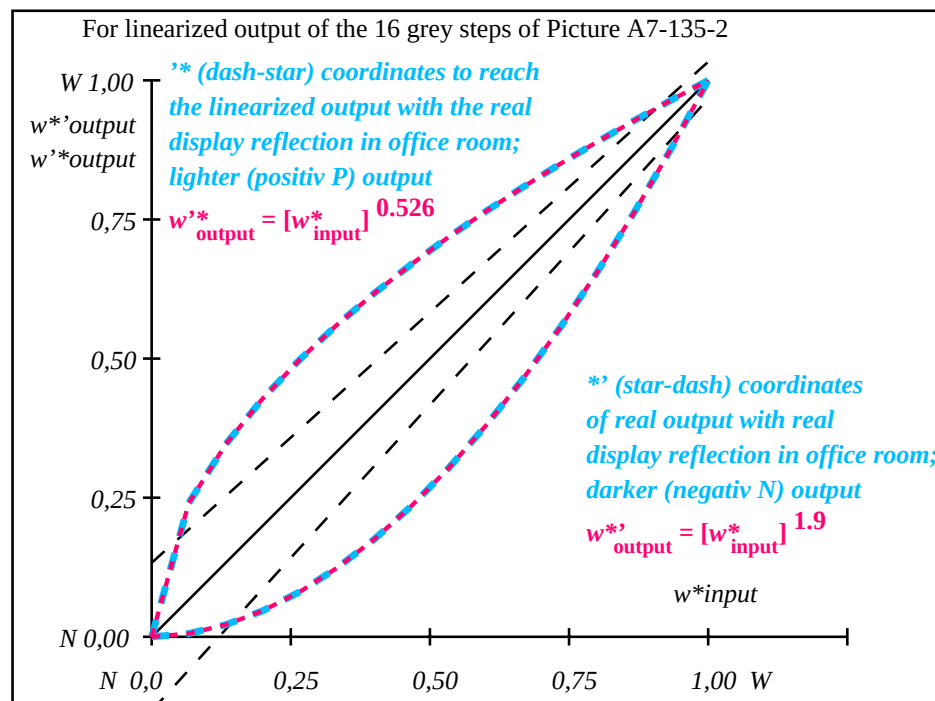
Mean lightness difference (16 steps)

ΔE*_{CIELAB} = 8.2

Mean lightness difference (5 steps)

ΔL*_{CIELAB} = 6.2

OE980-3A-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE981-3N-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

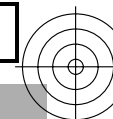
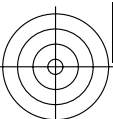
$L^*/Y_{intended}$ (absolute)	38.0/10.1	41.8/12.4	45.6/15.0	49.5/18.0	53.3/21.3	57.1/25.1	61.0/29.2	64.8/33.8	68.6/38.8	72.4/44.3	76.3/50.3	80.1/56.9	83.9/63.9	87.8/71.6	91.6/79.8	95.4/88.6
$w^* w^* w^*$ setrgb $g_p=0.63$ No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	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

OE980-7N, Picture A7-135-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE98: In-output relation according to ISO 9241-306; 1MR, DEH
Viewing Y contrast $Y_W:Y_N=88,9:10$; Y_N range 7,5 to <15

input: 000n/w/cmy0/rgb (->rgb*de
output 135-2: $g_p=0.62$; $g_N=1.0$

TUB registration: 20110801-OE98/OE98L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta



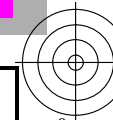
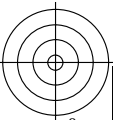
See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB



TUB registration: 20110801-OE98/OE98L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems

TUB material: code=rha4ta

OE980-7N, 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



OE98: Test chart 2G with 40x27=1080 colours; 1MR, DEH
Digital equidistant 9 or 16 step colour scales

input: 000n/w/cmy0/rgb (-> rgb^*_{de})
output 136-0: $g_p=0.55$; $g_N=1.0$

TUB material: code=rha4ta

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, CIELAB

	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 A01	0001 C01	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																														
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.318	0.318	0.318	0.318	0.318	0.318	0.318	0.318	0.318	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466	0.466																												
0.0	0.0	0.318	0.466	0.583	0.683	0.772	0.853	0.929	1.0	0.0	0.318	0.466	0.583	0.683	0.772	0.853	0.929	1.0	0.0	0.318	0.466	0.583	0.683	0.772	0.853	0.929	1.0	0.0	0.318	0.466	0.583	0.683	0.772	0.853	0.929	1.0	0.0	0.318	0.466	0.583	0.683	0.772	0.853																											
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																											
0001 A02	0010 B02	0019 C02	0028 D02	0037 E02	0046 F02	0055 G02	0064 H02	0073 I02	0082 J02	0091 K02	0100 L02	0109 M02	0118 N02	0127 O02	0136 P02	0145 Q02	0154 R02	0163 S02	0172 T02	0181 U02	0190 V02	0199 W02	0208 X02	0217 Y02	0226 Z02	0235 a02	0244 b02	0253 c02	0262 d02	0271 e02	0280 f02	0289 g02	0298 h02	0307 i02	0316 j02	0325 k02	0334 l02	0343 m02	0352 n02	0361 o02	0370 p02	0379 q02	0388 r02	0397 s02	0406 t02																									
0.0	0.0	0.318	0.466	0.583	0.683	0.772	0.853	0.929	1.0	0.0	0.318	0.466	0.583	0.683	0.772	0.853	0.929	1.0	0.0	0.318	0.466	0.583	0.683	0.772	0.853	0.929	1.0	0.0	0.318	0.466	0.583	0.683	0.772	0.853	0.929	1.0	0.0	0.318	0.466	0.583	0.683	0.772	0.853																											
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0																										
0002 A03	0011 B03	0020 C03	0029 D03	0038 E03	0047 F03	0056 G03	0065 H03	0074 I03	0083 J03	0092 K03	0101 L03	0110 M03	0119 N03	0128 O03	0137 P03	0146 Q03	0155 R03	0164 S03	0173 T03	0182 U03	0191 V03	0200 W03	0209 X03	0218 Y03	0227 Z03	0236 a03	0245 b03	0254 c03	0263 d03	0272 e03	0281 f03	0290 g03	0299 h03	0308 i03	0317 j03	0326 k03	0335 l03	0344 m03	0353 n03	0362 o03	0371 p03	0380 q03	0389 r03	0398 s03	0407 t03	0416 u03	0425 v03	0434 w03	0443 x03	0452 y03	0461 z03	0470 A04	0479 B04	0488 C04	0497 D04	0506 E04	0515 F04	0524 G04	0533 H04	0542 I04	0551 J04	0560 K04	0569 L04	0578 M04	0587 N04	0596 O04	0605 P04	0614 Q04	0623 R04	0

OE980-70, 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*w* (l), nnn0* (m), www* (n), colormap = 1, xchart = 6, pchart = 1

OE98: Test chart 2G with 40x27=1080 colours; 1MR, DEH
Digital equidistant 9 or 16 step colour scales

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, CIELAB

i	LAB*ref	l*out	LAB*out	LAB*out/c-ref	ΔE*
1	52.02 0.0 0.0	0.0 52.02 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
2	54.91 0.0 0.0	0.27 63.82 0.0	0.0 0.0 0.0	8.91 0.0 0.0	8.91
3	57.8 0.0 0.0	0.38 68.49 0.0	0.0 0.0 0.0	10.69 0.0 0.0	10.69
4	60.7 0.0 0.0	0.46 72.03 0.0	0.0 0.0 0.0	11.34 0.0 0.0	11.34
5	63.59 0.0 0.0	0.53 75.0 0.0	0.0 0.0 0.0	11.41 0.0 0.0	11.41
6	66.48 0.0 0.0	0.59 77.61 0.0	0.0 0.0 0.0	11.12 0.0 0.0	11.12
7	69.37 0.0 0.0	0.64 79.95 0.0	0.0 0.0 0.0	10.57 0.0 0.0	10.57
8	72.27 0.0 0.0	0.69 82.1 0.0	0.0 0.0 0.0	9.83 0.0 0.0	9.83
9	75.16 0.0 0.0	0.74 84.09 0.0	0.0 0.0 0.0	8.93 0.0 0.0	8.93
10	78.05 0.0 0.0	0.78 85.96 0.0	0.0 0.0 0.0	7.91 0.0 0.0	7.91
11	80.95 0.0 0.0	0.82 87.72 0.0	0.0 0.0 0.0	6.78 0.0 0.0	6.78
12	83.84 0.0 0.0	0.86 89.4 0.0	0.0 0.0 0.0	5.56 0.0 0.0	5.56
13	86.73 0.0 0.0	0.9 91.0 0.0	0.0 0.0 0.0	4.26 0.0 0.0	4.26
14	89.62 0.0 0.0	0.93 92.53 0.0	0.0 0.0 0.0	2.9 0.0 0.0	2.9
15	92.52 0.0 0.0	0.97 93.99 0.0	0.0 0.0 0.0	1.48 0.0 0.0	1.48
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	52.02 0.0 0.0	0.0 52.02 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
18	62.87 0.0 0.0	0.51 74.3 0.0	0.0 0.0 0.0	11.43 0.0 0.0	11.43
19	73.71 0.0 0.0	0.72 83.11 0.0	0.0 0.0 0.0	9.4 0.0 0.0	9.4
20	84.56 0.0 0.0	0.87 89.81 0.0	0.0 0.0 0.0	5.24 0.0 0.0	5.24
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

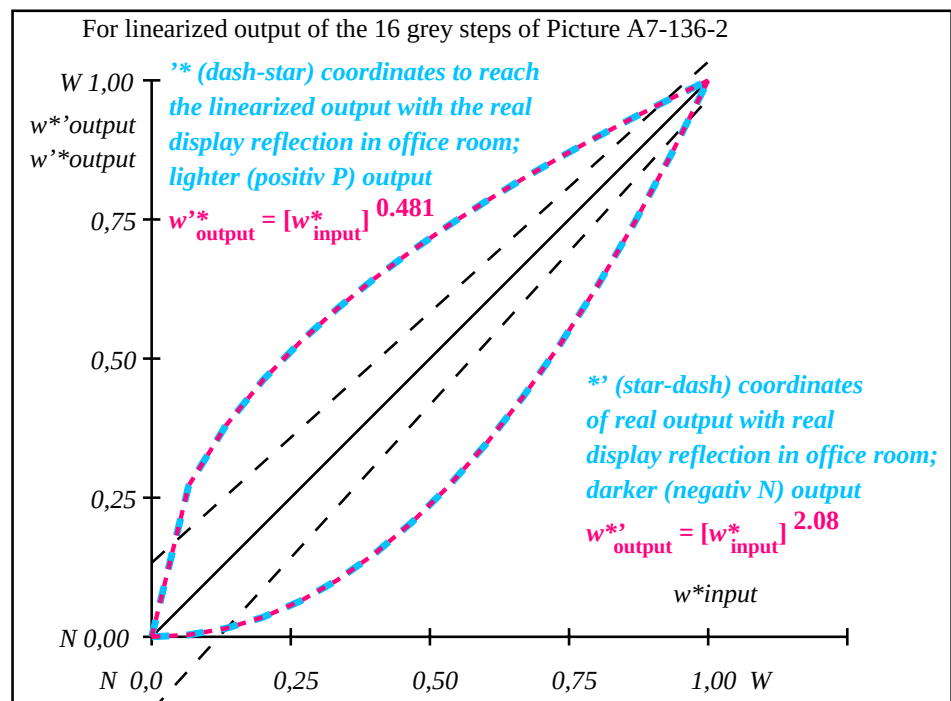
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

OE980-3A-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE981-3N-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

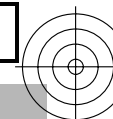
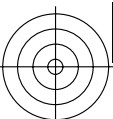
$L^*/Y_{intended}$ (absolute)	52.0/20.2	54.9/22.8	57.8/25.8	60.7/28.9	63.6/32.3	66.5/36.0	69.4/39.9	72.3/44.1	75.2/48.5	78.1/53.3	80.9/58.4	83.8/63.8	86.7/69.5	89.6/75.5	92.5/81.9	95.4/88.6
$w^* w^* w^*$ setrgb $g_p=0.55$ No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^* = l^*_{CIELAB, r}$ (relative)	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
$w^*_{intended}$ w^*_{out}	0.000 0.0	0.067 0.226	0.133 0.33	0.200 0.413	0.267 0.484	0.333 0.546	0.400 0.604	0.467 0.658	0.533 0.707	0.600 0.755	0.667 0.8	0.733 0.843	0.800 0.885	0.867 0.925	0.933 0.963	1.000 1.0

OE980-7N, Picture A7-136-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^* setrgbcolor$

OE98: In-output relation according to ISO 9241-306; 1MR, DEH
Viewing Y contrast $Y_W:Y_N=88,9:20$; Y_N range 15 to <30

input: 000n/w/cmy0/rgb (->rgb*de
output 136-2: $g_p=0.55$; $g_N=1.0$

TUB registration: 20110801-OE98/OE98L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta



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, CIELAB



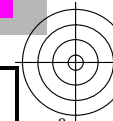
TUB registration: 20110801-OE98/OE98L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems

TUB material: code=rha4ta

OE980-7N, Page 1/16, Test chart 2G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^* (A_n)$, colormap = 1, xchart = 7, pchart = 0

OE98: Test chart 2G with 40x27=1080 colours; 1MR, DEH
Digital equidistant 9 or 16 step colour scales

input: 000n/w/cmy0/rgb (-> rgb^*_{de})
output 137-0: $g_p=0.47$; $g_N=1.0$



See similar ISO test charts: <http://www.ps.pan.de/24705TE>, <http://www.ps.pan.de/3387ZE> Version 2.1, io=1, CELAB

	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		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.372	0.0	0.0	0.0	0.627	0.719	0.799	0.872	0.938	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0001 A02	0010 B02	0019 C02	0028 D02	0037 E02	0046 F02	0055 G02	0064 H02	0073 I02	0082 J02	0091 K02	0100 L02	0109 M02	0118 N02	0127 O02	0136 P02	0145 Q02	0154 R02	0163 S02	0172 T02	0181 U02	0190 V02	0199 W02	0208 X02	0217 Y02	0226 Z02	0235 a02	0244 b02	0253 c02	0262 d02	0271 e02	0280 f02	0289 g02	0298 h02	0307 i02	0316 j02	0325 k02	0334 l02	0343 m02	0352 n02		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0																							

OE98-70, Page 2/16, Test chart G with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^*(A_j + k26 \cdot n27)$, $000n^*(k)$, $w^*(l)$, $nnn0^*(m)$, $www^*(n)$, $colorm = 1$, $xchart = 7$, $pchart = 1$

TUB registration: 20110801-OE98/OE98LONA.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, CIELAB

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	69.7 0.0 0.0	0.0 0.0 0.0	0.01
2	71.41 0.0 0.0	77.46 0.0 0.0	77.46 0.0 0.0	6.04 0.0 0.0	6.04
3	73.13 0.0 0.0	80.24 0.0 0.0	80.24 0.0 0.0	7.11 0.0 0.0	7.11
4	74.84 0.0 0.0	82.31 0.0 0.0	82.31 0.0 0.0	7.47 0.0 0.0	7.47
5	76.55 0.0 0.0	84.02 0.0 0.0	84.02 0.0 0.0	7.47 0.0 0.0	7.47
6	78.27 0.0 0.0	85.51 0.0 0.0	85.51 0.0 0.0	7.24 0.0 0.0	7.24
7	79.98 0.0 0.0	86.84 0.0 0.0	86.84 0.0 0.0	6.86 0.0 0.0	6.86
8	81.7 0.0 0.0	88.05 0.0 0.0	88.05 0.0 0.0	6.35 0.0 0.0	6.35
9	83.41 0.0 0.0	89.17 0.0 0.0	89.17 0.0 0.0	5.76 0.0 0.0	5.76
10	85.12 0.0 0.0	90.21 0.0 0.0	90.21 0.0 0.0	5.08 0.0 0.0	5.08
11	86.84 0.0 0.0	91.19 0.0 0.0	91.19 0.0 0.0	4.35 0.0 0.0	4.35
12	88.55 0.0 0.0	92.11 0.0 0.0	92.11 0.0 0.0	3.56 0.0 0.0	3.56
13	90.27 0.0 0.0	92.99 0.0 0.0	92.99 0.0 0.0	2.73 0.0 0.0	2.73
14	91.98 0.0 0.0	93.83 0.0 0.0	93.83 0.0 0.0	1.85 0.0 0.0	1.85
15	93.7 0.0 0.0	94.64 0.0 0.0	94.64 0.0 0.0	0.94 0.0 0.0	0.94
16	95.41 0.0 0.0	95.41 0.0 0.0	95.41 0.0 0.0	0.0 0.0 0.0	0.01
17	69.7 0.0 0.0	69.7 0.0 0.0	69.7 0.0 0.0	0.0 0.0 0.0	0.01
18	76.13 0.0 0.0	83.62 0.0 0.0	83.62 0.0 0.0	7.5 0.0 0.0	7.5
19	82.55 0.0 0.0	88.62 0.0 0.0	88.62 0.0 0.0	6.06 0.0 0.0	6.06
20	88.98 0.0 0.0	92.34 0.0 0.0	92.34 0.0 0.0	3.35 0.0 0.0	3.35
21	95.41 0.0 0.0	95.41 0.0 0.0	95.41 0.0 0.0	0.0 0.0 0.0	0.01

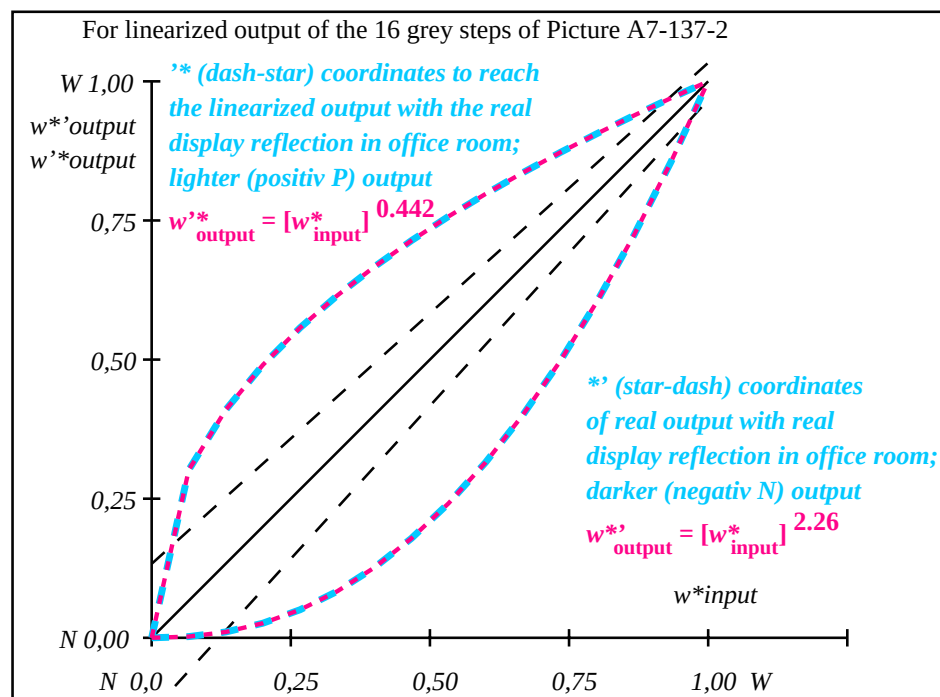
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

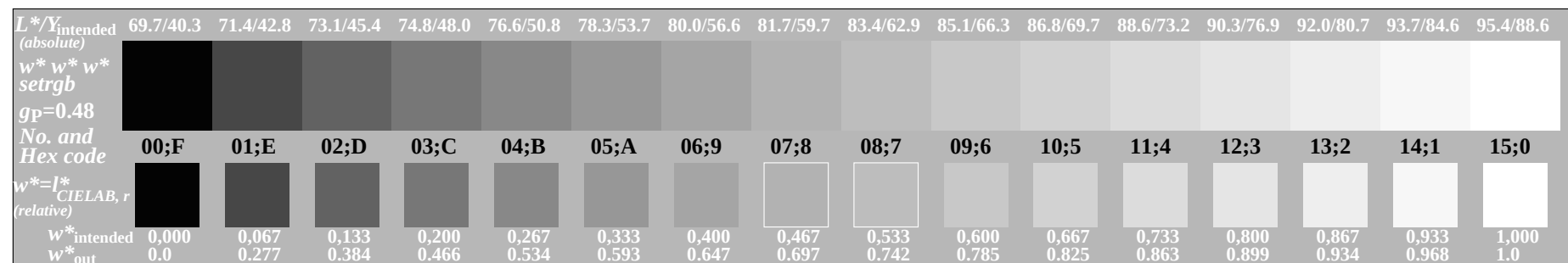
Mean lightness difference (5 steps)
 $\Delta L^*_{CIELAB} = 3.4$

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

OE980-3A-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE981-3N-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE980-7N, Picture A7-137-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE98: In-output relation according to ISO 9241-306; 1MR, DEH
Viewing Y contrast $Y_W:Y_N=88,9:40$; Y_N range 30 to <60

input: 000n/w/cmy0/rgb (->rgb*de
output 137-2: $g_P=0.47$; $g_N=1.0$

TUB registration: 20110801-OE98/OE98L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rha4ta