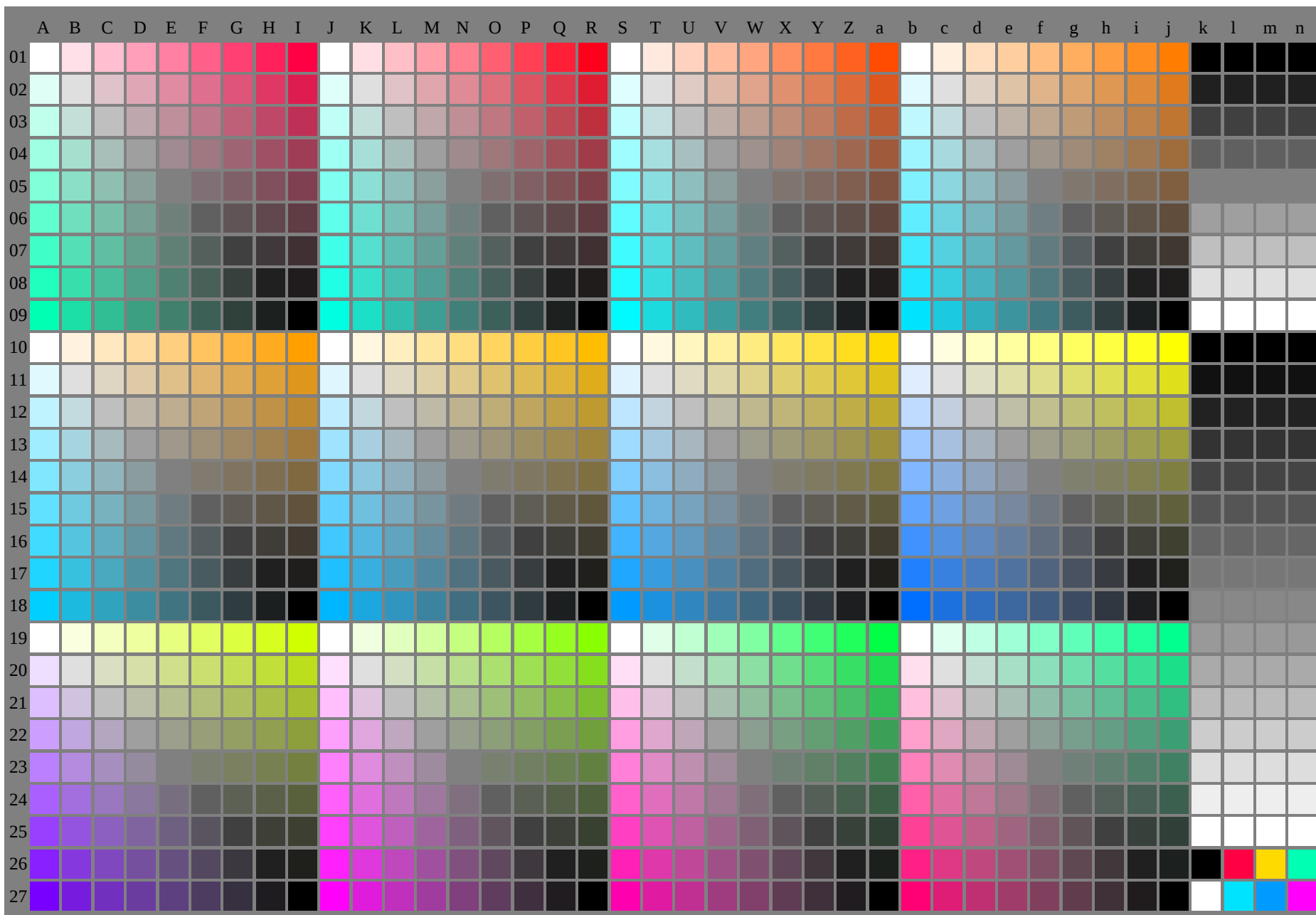


See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB



OE970-7N-130-0: Test chart 2e with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^{**}(A_n)$, $colorml = 1$

OE97: Test chart 2e 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-OE97/OE97L0NA.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

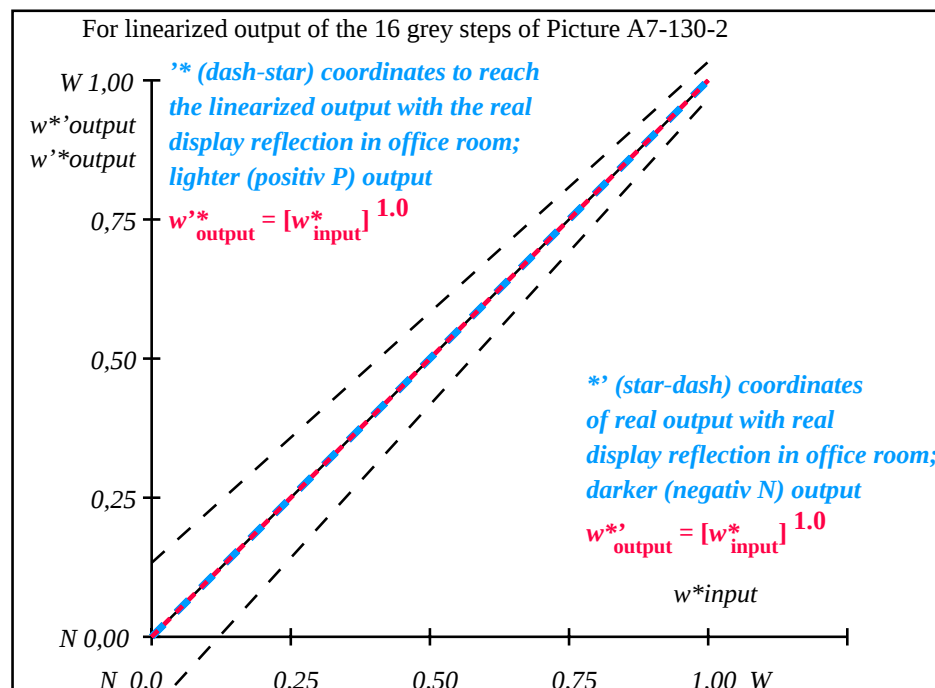
Start output S1
Specification according to
ISO/IEC 15775 Annex G
and DIN 33866-1 Annex G

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

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

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

OE970-3N-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



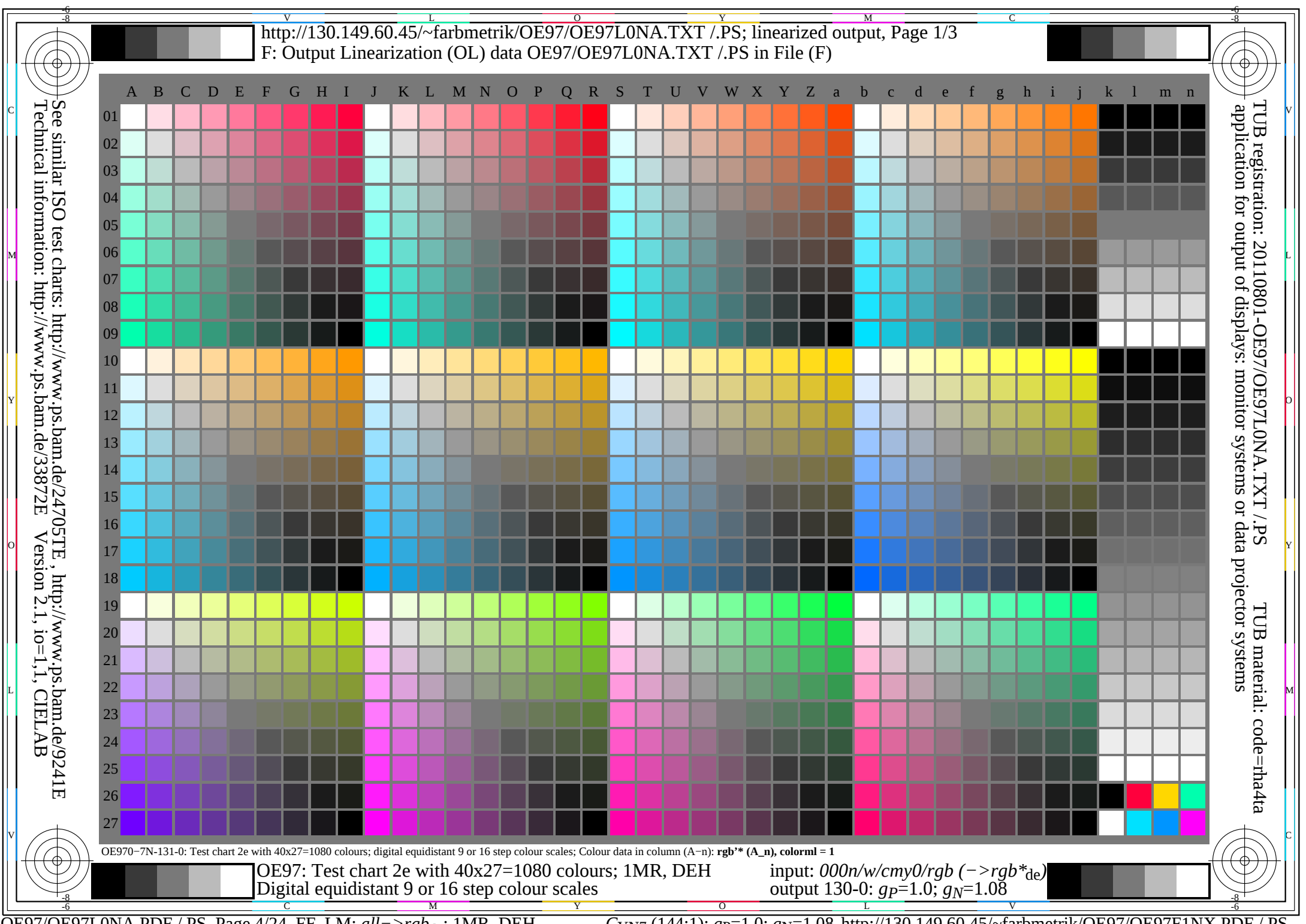
OE971-3N-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (absolute)	0.0/0.0	6.3/0.7	12.7/1.5	19.0/2.7	25.4/4.5	31.8/6.9	38.1/10.1	44.5/14.2	50.8/19.1	57.2/25.1	63.6/32.3	69.9/40.7	76.3/50.4	82.6/61.5	89.0/74.2	95.4/88.5
$w^* w^* w^*$ 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

OE740-7N, Picture A7-130-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE97: In-output relation according to ISO 9241-306; 1MR, DEH input: 000n/w/cmy0/rgb (->rgb*_{de})
Viewing Y contrast $Y_W:Y_N=88,9:0,31$; Y_N range 0,0 to <0,46 output 130-2: $g_P=1.0$; $g_N=1.0$

TUB registration: 20110801-OE97/OE97L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta



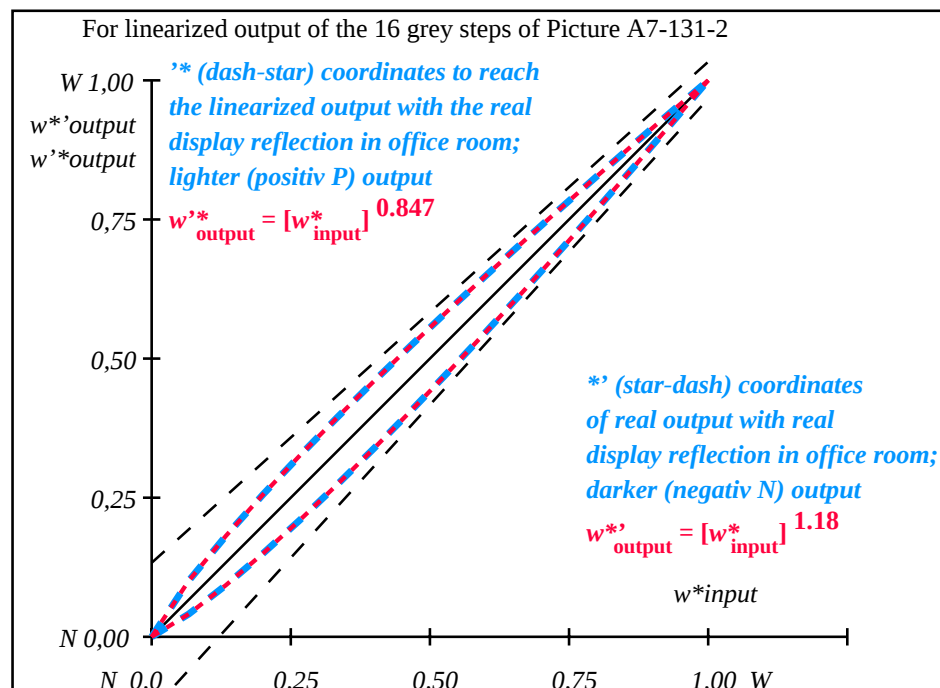
http://130.149.60.45/~farbmatrik/OE97/OE97L0NA.TXT /.PS; linearized output, Page 2/3
F: Output Linearization (OL) data OE97/OE97L0NA.TXT /.PS in File (F)

	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
0001 b01	0010 c01	0019 d01	0028 e01	0037 f01	0046 g01	0055 h01	0064 i01	0073 j01	0082 k01	0091 l01	0100 m01	0109 n01	0118 o01	0127 p01	0136 q01	0145 r01	0154 s01	0163 t01	0172 u01	0181 v01	0190 w01	0199 x01	0208 y01	0217 z01	0226 a01	0235 b01	0244 c01	0253 d01	0262 e01	0271 f01	0280 g01	0289 h01	0298 i01	0307 j01	0316 k01	0325 l01	0334 m01	0343 n01	0352 o01	0361 p01	0370 q01	0379 r01	0388 s01	0397 t01	0406 u01	0415 v01	0424 w01	0433 x01	0442 y01	0451 z01	0460 a01	0469 b01	0478 c01	0487 d01	0496 e01	0505 f01	0514 g01	0523 h01	0532 i01	0541 j01	0550 k01	0559 l01	0568 m01	0577 n01	0586 o01	0595 p01	0604 q01	0613 r01	0622 s01	0631 t01	0640 u01	0649 v01	0658 w01	0667 x01	0676 y01	0685 z01	0694 a01	0703 b01	0712 c01	0721 d01	0730 e01	0739 f01	0748 g01	0757 h01	0766 i01	0775 j01	0784 k01	0793 l01	0802 m01	0811 n01	0820 o01	0829 p01	0838 q01	0847 r01	0856 s01	0865 t01	0874 u01	0883 v01	0893 w01	0902 x01	0911 y01	0920 z01	0929 a01	0938 b01	0947 c01	0956 d01	0965 e01	0974 f01	0983 g01	0992 h01	1001 i01	1010 j01	1019 k01	1028 l01	1037 m01	1046 n01	1055 o01	1064 p01	1073 q01	1082 r01	1091 s01	1100 t01	1109 u01	1118 v01	1127 w01	1136 x01	1145 y01	1154 z01	1163 a01	1172 b01	1181 c01	1190 d01	1199 e01	1208 f01	1217 g01	1226 h01	1235 i01	1244 j01	1253 k01	1262 l01	1271 m01	1280 n01	1289 o01	1298 p01	1307 q01	1316 r01	1325 s01	1334 t01	1343 u01	1352 v01	1361 w01	1370 x01	1379 y01	1388 z01	1397 a01	1406 b01	1415 c01	1424 d01	1433 e01	1442 f01	1451 g01	1460 h01	1469 i01	1478 j01	1487 k01	1496 l01	1505 m01	1514 n01	1523 o01	1532 p01	1541 q01	1550 r01	1559 s01	1568 t01	1577 u01	1586 v01	1595 w01	1604 x01	1613 y01	1622 z01	1631 a01	1640 b01	1649 c01	1658 d01	1667 e01	1676 f01	1685 g01	1694 h01	1703 i01	1712 j01	1721 k01	1730 l01	1739 m01	1748 n01	1757 o01	1766 p01	1775 q01	1784 r01	1793 s01	1802 t01	1811 u01	1820 v01	1829 w01	1838 x01	1847 y01	1856 z01	1865 a01	1874 b01	1883 c01	1893 d01	1902 e01	1911 f01	1920 g01	1929 h01	1938 i01	1947 j01	1956 k01	1965 l01	1974 m01	1983 n01	1992 o01	2001 p01	2010 q01	2019 r01	2028 s01	2037 t01	2046 u01	2055 v01	2064 w01	2073 x01	2082 y01	2091 z01	2100 a01	2109 b01	2118 c01	2127 d01	2136 e01	2145 f01	2154 g01	2163 h01	2172 i01	2181 j01	2190 k01	2199 l01	2208 m01	2217 n01	2226 o01	2235 p01	2244 q01	2253 r01	2262 s01	2271 t01	2280 u01	2289 v01	2298 w01	2307 x01	2316 y01	2325 z01	2334 a01	2343 b01	2352 c01	2361 d01	2370 e01	2379 f01	2388 g01	2397 h01	2406 i01	2415 j01	2424 k01	2433 l01	2442 m01	2451 n01	2460 o01	2469 p01	2478 q01	2487 r01	2496 s01	2505 t01	2514 u01	2523 v01	2532 w01	2541 x01	2550 y01	2559 z01	2568 a01	2577 b01	2586 c01	2595 d01	2604 e01	2613 f01	2622 g01	2631 h01	2640 i01	2649 j01	2658 k01	2667 l01	2676 m01	2685 n01	2694 o01	2703 p01	2712 q01	2721 r01	2730 s01	2739 t01	2748 u01	2757 v01	2766 w01	2775 x01	2784 y01	2793 z01	2802 a01	2811 b01	2820 c01	2829 d01	2838 e01	2847 f01	2856 g01	2865 h01	2874 i01	2883 j01	2893 k01	2902 l01	2911 m01	2920 n01	2929 o01	2938 p01	2947 q01	2956 r01	2965 s01	2974 t01	2983 u01	2992 v01	3001 w01	3010 x01	3019 y01	3028 z01	3037 a01	3046 b01	3055 c01	3064 d01	3073 e01	3082 f01	3091 g01	3100 h01	3109 i01	3118 j01	3127 k01	3136 l01	3145 m01	3154 n01	3163 o01	3172 p01	3181 q01	3190 r01	3199 s01	3208 t01	3217 u01	3226 v01	3235 w01	3244 x01	3253 y01	3262 z01	3271 a01	3280 b01	3289 c01	3298 d01	3307 e01	3316 f01	3325 g01	3334 h01	3343 i01	3352 j01	3361 k01	3370 l01	3379 m01	3388 n01	3397 o01	3406 p01	3415 q01	3424 r01	3433 s01	3442 t01	3451 u01	3460 v01	3469 w01	3478 x01	3487 y01	3496 z01	3505 a01	3514 b01	3523 c01	3532 d01	3541 e01	3550 f01	3559 g01	3568 h01	3577 i01	3586 j01	3595 k01	3604 l01	3613 m01	3622 n01	3631 o01	3640 p01	3649 q01	3658 r01	3667 s01	3676 t01	3685 u01	3694 v01	3703 w01	3712 x01	3721 y01	3730 z01	3739 a01	3748 b01	3757 c01	3766 d01	3775 e01	3784 f01	3793 g01	3802 h01	3811 i01	3820 j01	3829 k01	3838 l01	3847 m01	3856 n01	3865 o01	3874 p01	3883 q01	3893 r01	3902 s01	3911 t01	3920 u01	3929 v01	3938 w01	3947 x01	3956 y01	3965 z01	3974 a01	3983 b01	3992 c01	4001 d01	4010 e01	4019 f01	4028 g01	4037 h01	4046 i01	4055 j01	4064 k01	4073 l01	4082 m01	4091 n01	4100 o01	4109 p01	4118 q01	4127 r01	4136 s01	4145 t01	4154 u01	4163 v01	4172 w01	4181 x01	4190 y01	4199 z01	4208 a01	4217 b01	4226 c01	4235 d01	4244 e01	4253 f01	4262 g01	4271 h01	4280 i01	4289 j01	4298 k01	4307 l01	4316 m01	4325 n01	4334 o01	4343 p01	4352 q01	4361 r01	4370 s01	4379 t01	4388 u01	4397 v01	4406 w01	4415 x01	4424 y01	4433 z01	4442 a01	4451 b01	4460 c01	4469 d01	4478 e01	4487 f01	4496 g01	4505 h01	4514 i01	4523 j01	4532 k01	4541 l01	4550 m01	4559 n01	4568 o01	4577 p01	4586 q01	4595 r01	4604 s01	4613 t01	4622 u01	4631 v01	4640 w01	4649 x01	4658 y01	4667 z01	4676 a01	4685 b01	4694 c01	4703 d01	4712 e01	4721 f01	4730 g01	4739 h01	4748 i01	4757 j01	4766 k01	4775 l01	4784 m01	4793 n01	4802 o01	4811 p01	4820 q01	4829 r01	4838 s01	4847 t01	4856 u01	4865 v01	4874 w01	4883 x01	4893 y01	4902 z01	4911 a01	4920 b01	4929 c01	4938 d01	4947 e01	4956 f01	4965 g01	4974 h01	4983 i01	4992 j01	5001 k01	5010 l01	5019 m01	5028 n01	5037 o01	5046 p01	5055 q01	5064 r01	5073 s01	5082 t01	5091 u01	5100 v01	5109 w01	5118 x01	5127 y01	5136 z01	5145 a01	5154 b01	5163 c01	5172 d01	5181 e01	5190 f01	5199 g01	5208 h01	5217 i01	5226 j01	5235 k01	5244 l01	5253 m01	5262 n01	5271 o01	5280 p01	5289 q01	5298 r01	5307 s01	5316 t01	5325 u01	5334 v01	5343 w01	5352 x01	5361 y01	5370 z01	5379 a01	5388 b01	5397 c01	5406 d01	5415 e01	5424 f01	5433 g01	5442 h01	5451 i01	5460 j01	5469 k01	5478 l01	5487 m01	5496 n01	5505 o01	5514 p01	5523 q01	5532 r01	5541 s01	5550 t01	5559 u01	5568 v01	5577 w01	5586 x01	5595 y01	5604 z01	5613 a01	5622 b01	5631 c01	5640 d01	5649 e01	5658 f01	5667 g01	5676 h01	5685 i01	5694 j01	5703 k01	5712 l01	5721 m01	5730 n01	5739 o01	5748 p01	5757 q01	5766 r01	5775 s01	5784 t01	5793 u01	5802 v01	5811 w01	5820 x01	5829 y01	5838 z01	5847 a01	5856 b01	5865 c01	5874 d01	5883 e01	5893 f01	5902 g01	5911 h01	5920 i01	5929 j01	5938 k01	5947 l01	5956 m01	5965 n01	5974 o01	5983 p01	5992 q01	6001 r01	6010 s01	6019 t01	6028 u01	6037 v01	6046 w01	6055 x01	6064 y01	6073 z01	6082 a01	6091 b01	6100 c01	6109 d01	6118 e01	6127 f01	6136 g01	6145 h01	6154 i01	6163 j01	6172 k01	6181 l01	6190 m01	6199 n01	6208 o01	6217 p01	6226 q01	6235 r01	6244 s01	6253 t01	6262 u01	6271 v01	6280 w01	6289 x01	6298 y01	6307 z01	6316 a01	6325 b01	6334 c01	6343 d01	6352 e01	6361 f01	6370 g01	6379 h01	6388 i01	6397 j01	6406 k01	6415 l01	6424 m01	6433 n01	6442 o01	6451 p01	6460 q01	6469 r01	6478 s01	6487 t01	6496 u01	6505 v01	6514 w01	6523 x01	6532 y01	6541 z01	6550 a01	6559 b01	6568 c01	6577 d01	6586 e01	6595 f01	6604 g01	6613 h01	6622 i01	6631 j01	6640 k01	6649 l01	6658 m01	6667 n01	6676 o01	6685 p01	6694 q01	6703 r01	6712 s01	6721 t01	6730 u01	6739 v01	6748 w01	6757 x01	6766 y01	6775 z01	6784 a01	6793 b01	6802 c01	6811 d01	6820 e01	6829 f01	6838 g01	6847 h01	6856 i01	6865 j01	6874 k01	6883 l01	6893 m01	6902 n01	6911 o01	6920 p01	6929 q01	6938 r01	6947 s01	6956 t01	6965 u01	6974 v01	6983 w01	6992 x01	7001 y01	7010 z01	7019 a01	7028 b01	7037 c01	7046 d01	7055 e01	7064 f01	7073 g01	7082 h01	7091 i01	7100 j01	7109 k01	7118 l01	7127 m01	7136 n01	7145 o01	7154 p01	7163 q01	7172 r01	7181 s01	7190 t01	7199 u01	7208 v01	7217 w01	7226 x01	7235 y01	7244 z01	7253 a01	7262 b01	7271 c01	7280 d01	7289 e01	7298 f01	7307 g01	7316 h01	7325 i01	7334 j01	7343 k01	7352 l01	7361 m01	7370 n01	7379 o01	7388 p01	7397 q01	7406 r01	7415 s01	7424 t01	7433 u01	7442 v01	7451 w01	7460 x01	7469 y01	7478 z01	7487 a01	7496 b01	7505 c01	7514 d01	7523 e01	7532 f01	7541 g01	7550 h01	7559 i01	7568 j01	7577 k01	7586 l01	7595 m01	7604 n01	7613 o01	7622 p01	7631 q01	7640 r01	7649 s01	7658 t01	7667 u01	7676 v01	7685 w01	7694 x01	7703 y01	7712 z01	7721 a01	7730 b01	7739 c01	7748 d01	7757 e01	7766 f01	7775 g01	7784 h01	7793 i01	7802 j01	7811 k01	7820 l01	7829 m01	7838 n01	7847 o01	7856 p01	7865 q01	7874 r01	7883 s01	7893 t01	7902 u01	7911 v01	7920 w01	7929 x01	7938 y01	7947 z01	7956 a01	7965 b01	7974 c01	7983 d01	7992 e01	8001 f01	8010 g01	8019 h01	8028 i01	8037 j01	8046 k01	8055 l01	8064 m01	8073 n01	8082 o01	8091 p01	8100 q01	8109 r01	8118 s01	8127 t01	8136 u01	8145 v01	8154 w01	8163 x01	8172 y01	8181 z01	8190 a01	8199 b01	8208 c01	8217 d01	8226 e01	8235 f01	8244 g01	8253 h01	8262 i01	8271 j01	8280 k01	8289 l01	8298 m01	8307 n01	8316 o01	8325 p01	8334 q01	8343 r01	8352 s01	8361 t01	8370 u01	8379 v01	8388 w01	8397 x01	8406 y01	8415 z01	8424 a01	8433 b01	8442 c01	8451 d01	8460 e01	8469 f01	8478 g01	8487 h01	8496 i01	8505 j01	8514 k01	8523 l01	8532 m01	8541 n01	8550 o01	8559 p01	8568 q01	8577 r01	8586 s01	8595 t01	8604 u01	8613 v01	8622 w01	8631 x01	8640 y01	8649 z01	8658 a01	8667 b01	8676 c01	8685 d01	8694 e01	8703 f01	8712 g01	8721 h01	8730 i01	8739 j01	8748 k01	8757 l01	8766 m01	8775 n01	8784 o01	8793 p01	8802 q01	8811 r01	8820 s01	8829 t01	8838 u01	8847 v01	8856 w01	8865 x01	8874 y01	8883 z01	8893 a01	8902 b01	8911 c01	8920 d01	8929 e01	8938 f01	8947 g01	8956 h01	8965 i01	8974 j01	8983 k01	8992 l01	9001 m01	9010 n01	9019 o01	9028 p01	

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	0.04 0.0 0.0	9.36 0.0 0.0	-2.3 0.0 0.0	2.31
3	17.65 0.0 0.0	0.09 0.0 0.0	14.01 0.0 0.0	-3.63 0.0 0.0	3.64
4	23.63 0.0 0.0	0.15 0.0 0.0	19.12 0.0 0.0	-4.5 0.0 0.0	4.51
5	29.62 0.0 0.0	0.21 0.0 0.0	24.55 0.0 0.0	-5.06 0.0 0.0	5.07
6	35.6 0.0 0.0	0.27 0.0 0.0	30.23 0.0 0.0	-5.36 0.0 0.0	5.37
7	41.58 0.0 0.0	0.34 0.0 0.0	36.12 0.0 0.0	-5.45 0.0 0.0	5.46
8	47.56 0.0 0.0	0.41 0.0 0.0	42.19 0.0 0.0	-5.36 0.0 0.0	5.37
9	53.54 0.0 0.0	0.48 0.0 0.0	48.42 0.0 0.0	-5.11 0.0 0.0	5.12
10	59.52 0.0 0.0	0.55 0.0 0.0	54.79 0.0 0.0	-4.72 0.0 0.0	4.73
11	65.5 0.0 0.0	0.62 0.0 0.0	61.29 0.0 0.0	-4.2 0.0 0.0	4.21
12	71.48 0.0 0.0	0.69 0.0 0.0	67.91 0.0 0.0	-3.56 0.0 0.0	3.57
13	77.47 0.0 0.0	0.77 0.0 0.0	74.64 0.0 0.0	-2.82 0.0 0.0	2.83
14	83.45 0.0 0.0	0.84 0.0 0.0	81.47 0.0 0.0	-1.97 0.0 0.0	1.98
15	89.43 0.0 0.0	0.92 0.0 0.0	88.4 0.0 0.0	-1.02 0.0 0.0	1.03
16	95.41 0.0 0.0	1.0 0.0 0.0	95.41 0.0 0.0	0.0 0.0 0.0	0.01
17	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
18	28.12 0.0 0.0	0.19 0.0 0.0	23.17 0.0 0.0	-4.94 0.0 0.0	4.95
19	50.55 0.0 0.0	0.44 0.0 0.0	45.29 0.0 0.0	-5.25 0.0 0.0	5.26
20	72.98 0.0 0.0	0.71 0.0 0.0	69.58 0.0 0.0	-3.39 0.0 0.0	3.4
21	95.41 0.0 0.0	1.0 0.0 0.0	95.41 0.0 0.0	0.0 0.0 0.0	0.01
Mean lightness difference (16 steps)					$\Delta E^*_{CIELAB} = 3.4$
Mean lightness difference (5 steps)					$\Delta L^*_{CIELAB} = 2.7$
Mean colour reproduction index:					$R^*_{ab,m} = 85$

OE970-3N-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

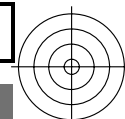
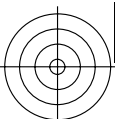


OE971-3N-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

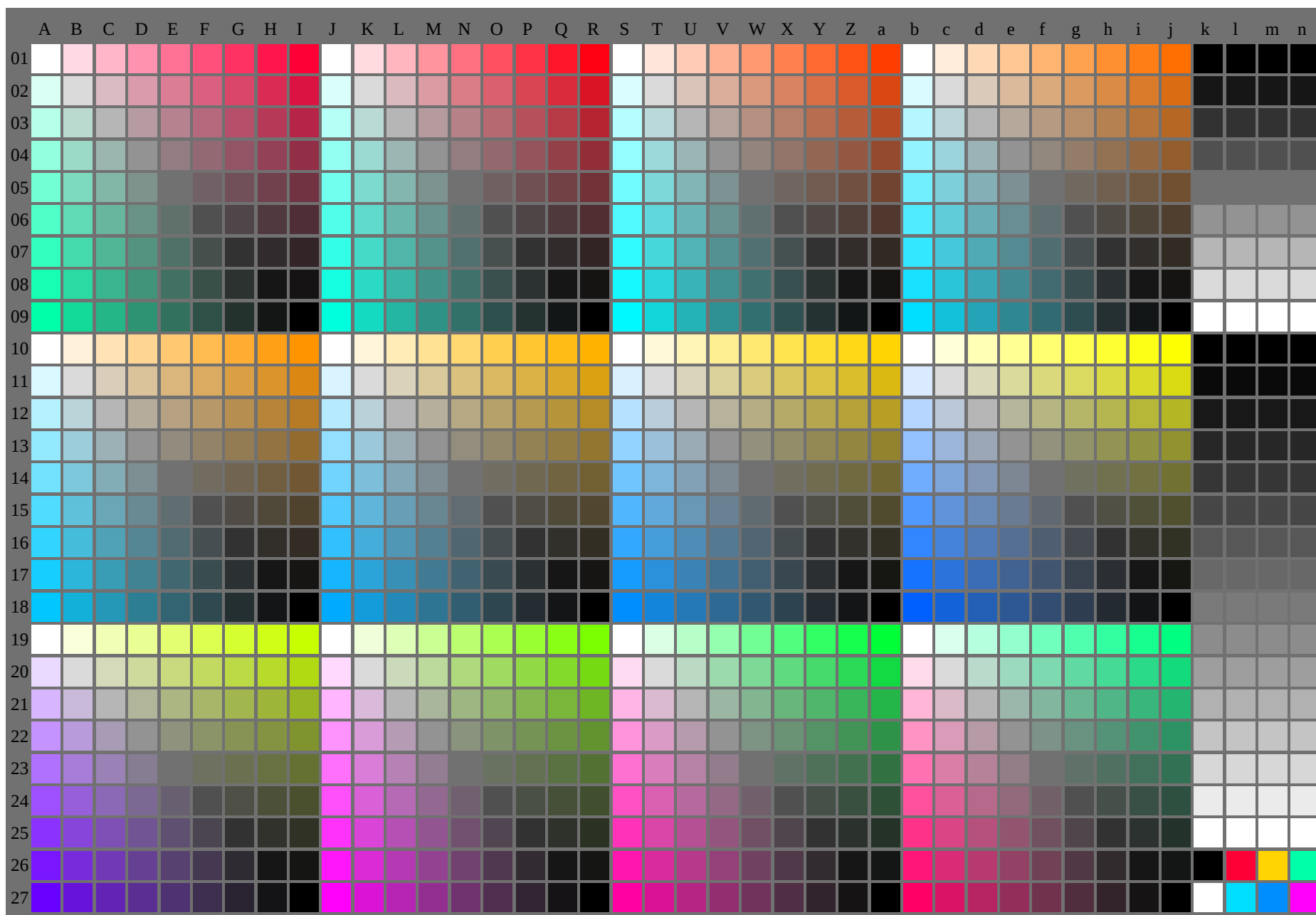
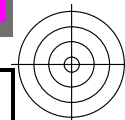
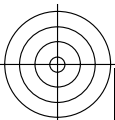
$L^*/Y_{intended}$ (absolute)	5.6/0.6	11.6/1.3	17.6/2.4	23.6/3.9	29.6/6.0	35.5/8.8	41.5/12.2	47.5/16.4	53.5/21.5	59.5/27.5	65.5/34.6	71.4/42.8	77.4/52.3	83.4/63.0	89.4/75.0	95.4/88.5
$w^* w^* w^*$ setrgb $g_N=1.08$ No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	10;5	11;4	12;3	13;2	14;1	15;0
$w^*=l^*_{CIELAB,r}$ (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	0.053	0.112	0.175	0.239	0.304	0.371	0.439	0.506	0.575	0.645	0.714	0.785	0.857	0.927	1.0

OE740-7N, Picture A7-131-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*_{setrgbcolor}$

OE97: In-output relation according to ISO 9241-306; 1MR, DEH input: 000n/w/cmy0/rgb (->rgb*_{de})
Viewing Y contrast $Y_W:Y_N=88,9:0,62$; Y_N range 0,46 to <0,93 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, CIELAB



OE970-7N-132-0: Test chart 2e with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^{**}(A_n)$, $colorml = 1$

OE97: Test chart 2e with 40x27=1080 colours; 1MR, DEH
Digital equidistant 9 or 16 step colour scales

input: $000n/w/cmy0/rgb (->rgb^{*}_{de})$
output 130-0: $g_p=1.0; g_N=1.17$

TUB registration: 20110801-OE97/OE97L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems

TUB material: code=rha4ta

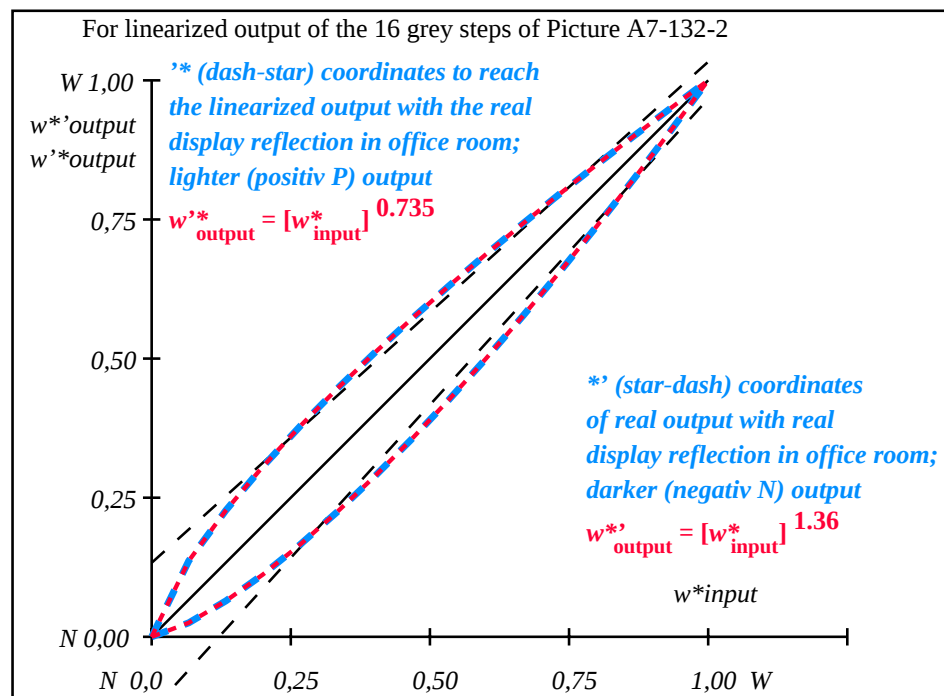
http://130.149.60.45/~farbmatrik/OE97/OE97L0NA.TXT /PS; linearized output, Page 2/3
F: Output Linearization (OL) data OE97/OE97L0NA.TXT /PS in File (F)

	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
0001 b01	0010 c01	0019 d01	0028 e01	0037 f01	0046 g01	0055 h01	0064 i01	0073 j01	0082 k01	0091 l01	0100 m01	0109 n01	0118 o01	0127 p01	0136 q01	0145 r01	0154 s01	0163 t01	0172 u01	0181 v01	0190 w01	0199 x01	0208 y01	0217 z01	0226 a01	0235 b01	0244 c01	0253 d01	0262 e01	0271 f01	0280 g01	0289 h01	0298 i01	0307 j01	0316 k01	0325 l01	0334 m01	0343 n01	0352 o01	0361 p01	0370 q01	0379 r01	0388 s01	0397 t01	0406 u01	0415 v01	0424 w01	0433 x01	0442 y01	0451 z01	0460 a01	0469 b01	0478 c01	0487 d01	0496 e01	0505 f01	0514 g01	0523 h01	0532 i01	0541 j01	0550 k01	0559 l01	0568 m01	0577 n01	0586 o01	0595 p01	0604 q01	0613 r01	0622 s01	0631 t01	0640 u01	0649 v01	0658 w01	0667 x01	0676 y01	0685 z01	0694 a01	0703 b01	0712 c01	0721 d01	0730 e01	0739 f01	0748 g01	0757 h01	0766 i01	0775 j01	0784 k01	0793 l01	0802 m01	0811 n01	0820 o01	0829 p01	0838 q01	0847 r01	0856 s01	0865 t01	0874 u01	0883 v01	0893 w01	0902 x01	0911 y01	0920 z01	0929 a01	0938 b01	0947 c01	0956 d01	0965 e01	0974 f01	0983 g01	0992 h01	1001 i01	1010 j01	1019 k01	1028 l01	1037 m01	1046 n01	1055 o01	1064 p01	1073 q01	1082 r01	1091 s01	1100 t01	1109 u01	1118 v01	1127 w01	1136 x01	1145 y01	1154 z01	1163 a01	1172 b01	1181 c01	1190 d01	1199 e01	1208 f01	1217 g01	1226 h01	1235 i01	1244 j01	1253 k01	1262 l01	1271 m01	1280 n01	1289 o01	1298 p01	1307 q01	1316 r01	1325 s01	1334 t01	1343 u01	1352 v01	1361 w01	1370 x01	1379 y01	1388 z01	1397 a01	1406 b01	1415 c01	1424 d01	1433 e01	1442 f01	1451 g01	1460 h01	1469 i01	1478 j01	1487 k01	1496 l01	1505 m01	1514 n01	1523 o01	1532 p01	1541 q01	1550 r01	1559 s01	1568 t01	1577 u01	1586 v01	1595 w01	1604 x01	1613 y01	1622 z01	1631 a01	1640 b01	1649 c01	1658 d01	1667 e01	1676 f01	1685 g01	1694 h01	1703 i01	1712 j01	1721 k01	1730 l01	1739 m01	1748 n01	1757 o01	1766 p01	1775 q01	1784 r01	1793 s01	1802 t01	1811 u01	1820 v01	1829 w01	1838 x01	1847 y01	1856 z01	1865 a01	1874 b01	1883 c01	1893 d01	1902 e01	1911 f01	1920 g01	1929 h01	1938 i01	1947 j01	1956 k01	1965 l01	1974 m01	1983 n01	1992 o01	2001 p01	2010 q01	2019 r01	2028 s01	2037 t01	2046 u01	2055 v01	2064 w01	2073 x01	2082 y01	2091 z01	2100 a01	2109 b01	2118 c01	2127 d01	2136 e01	2145 f01	2154 g01	2163 h01	2172 i01	2181 j01	2190 k01	2199 l01	2208 m01	2217 n01	2226 o01	2235 p01	2244 q01	2253 r01	2262 s01	2271 t01	2280 u01	2289 v01	2298 w01	2307 x01	2316 y01	2325 z01	2334 a01	2343 b01	2352 c01	2361 d01	2370 e01	2379 f01	2388 g01	2397 h01	2406 i01	2415 j01	2424 k01	2433 l01	2442 m01	2451 n01	2460 o01	2469 p01	2478 q01	2487 r01	2496 s01	2505 t01	2514 u01	2523 v01	2532 w01	2541 x01	2550 y01	2559 z01	2568 a01	2577 b01	2586 c01	2595 d01	2604 e01	2613 f01	2622 g01	2631 h01	2640 i01	2649 j01	2658 k01	2667 l01	2676 m01	2685 n01	2694 o01	2703 p01	2712 q01	2721 r01	2730 s01	2739 t01	2748 u01	2757 v01	2766 w01	2775 x01	2784 y01	2793 z01	2802 a01	2811 b01	2820 c01	2829 d01	2838 e01	2847 f01	2856 g01	2865 h01	2874 i01	2883 j01	2893 k01	2902 l01	2911 m01	2920 n01	2929 o01	2938 p01	2947 q01	2956 r01	2965 s01	2974 t01	2983 u01	2992 v01	3001 w01	3010 x01	3019 y01	3028 z01	3037 a01	3046 b01	3055 c01	3064 d01	3073 e01	3082 f01	3091 g01	3100 h01	3109 i01	3118 j01	3127 k01	3136 l01	3145 m01	3154 n01	3163 o01	3172 p01	3181 q01	3190 r01	3199 s01	3208 t01	3217 u01	3226 v01	3235 w01	3244 x01	3253 y01	3262 z01	3271 a01	3280 b01	3289 c01	3298 d01	3307 e01	3316 f01	3325 g01	3334 h01	3343 i01	3352 j01	3361 k01	3370 l01	3379 m01	3388 n01	3397 o01	3406 p01	3415 q01	3424 r01	3433 s01	3442 t01	3451 u01	3460 v01	3469 w01	3478 x01	3487 y01	3496 z01	3505 a01	3514 b01	3523 c01	3532 d01	3541 e01	3550 f01	3559 g01	3568 h01	3577 i01	3586 j01	3595 k01	3604 l01	3613 m01	3622 n01	3631 o01	3640 p01	3649 q01	3658 r01	3667 s01	3676 t01	3685 u01	3694 v01	3703 w01	3712 x01	3721 y01	3730 z01	3739 a01	3748 b01	3757 c01	3766 d01	3775 e01	3784 f01	3793 g01	3802 h01	3811 i01	3820 j01	3829 k01	3838 l01	3847 m01	3856 n01	3865 o01	3874 p01	3883 q01	3893 r01	3902 s01	3911 t01	3920 u01	3929 v01	3938 w01	3947 x01	3956 y01	3965 z01	3974 a01	3983 b01	3992 c01	4001 d01	4010 e01	4019 f01	4028 g01	4037 h01	4046 i01	4055 j01	4064 k01	4073 l01	4082 m01	4091 n01	4100 o01	4109 p01	4118 q01	4127 r01	4136 s01	4145 t01	4154 u01	4163 v01	4172 w01	4181 x01	4190 y01	4199 z01	4208 a01	4217 b01	4226 c01	4235 d01	4244 e01	4253 f01	4262 g01	4271 h01	4280 i01	4289 j01	4298 k01	4307 l01	4316 m01	4325 n01	4334 o01	4343 p01	4352 q01	4361 r01	4370 s01	4379 t01	4388 u01	4397 v01	4406 w01	4415 x01	4424 y01	4433 z01	4442 a01	4451 b01	4460 c01	4469 d01	4478 e01	4487 f01	4496 g01	4505 h01	4514 i01	4523 j01	4532 k01	4541 l01	4550 m01	4559 n01	4568 o01	4577 p01	4586 q01	4595 r01	4604 s01	4613 t01	4622 u01	4631 v01	4640 w01	4649 x01	4658 y01	4667 z01	4676 a01	4685 b01	4694 c01	4703 d01	4712 e01	4721 f01	4730 g01	4739 h01	4748 i01	4757 j01	4766 k01	4775 l01	4784 m01	4793 n01	4802 o01	4811 p01	4820 q01	4829 r01	4838 s01	4847 t01	4856 u01	4865 v01	4874 w01	4883 x01	4893 y01	4902 z01	4911 a01	4920 b01	4929 c01	4938 d01	4947 e01	4956 f01	4965 g01	4974 h01	4983 i01	4992 j01	5001 k01	5010 l01	5019 m01	5028 n01	5037 o01	5046 p01	5055 q01	5064 r01	5073 s01	5082 t01	5091 u01	5100 v01	5109 w01	5118 x01	5127 y01	5136 z01	5145 a01	5154 b01	5163 c01	5172 d01	5181 e01	5190 f01	5199 g01	5208 h01	5217 i01	5226 j01	5235 k01	5244 l01	5253 m01	5262 n01	5271 o01	5280 p01	5289 q01	5298 r01	5307 s01	5316 t01	5325 u01	5334 v01	5343 w01	5352 x01	5361 y01	5370 z01	5379 a01	5388 b01	5397 c01	5406 d01	5415 e01	5424 f01	5433 g01	5442 h01	5451 i01	5460 j01	5469 k01	5478 l01	5487 m01	5496 n01	5505 o01	5514 p01	5523 q01	5532 r01	5541 s01	5550 t01	5559 u01	5568 v01	5577 w01	5586 x01	5595 y01	5604 z01	5613 a01	5622 b01	5631 c01	5640 d01	5649 e01	5658 f01	5667 g01	5676 h01	5685 i01	5694 j01	5703 k01	5712 l01	5721 m01	5730 n01	5739 o01	5748 p01	5757 q01	5766 r01	5775 s01	5784 t01	5793 u01	5802 v01	5811 w01	5820 x01	5829 y01	5838 z01	5847 a01	5856 b01	5865 c01	5874 d01	5883 e01	5893 f01	5902 g01	5911 h01	5920 i01	5929 j01	5938 k01	5947 l01	5956 m01	5965 n01	5974 o01	5983 p01	5992 q01	6001 r01	6010 s01	6019 t01	6028 u01	6037 v01	6046 w01	6055 x01	6064 y01	6073 z01	6082 a01	6091 b01	6100 c01	6109 d01	6118 e01	6127 f01	6136 g01	6145 h01	6154 i01	6163 j01	6172 k01	6181 l01	6190 m01	6199 n01	6208 o01	6217 p01	6226 q01	6235 r01	6244 s01	6253 t01	6262 u01	6271 v01	6280 w01	6289 x01	6298 y01	6307 z01	6316 a01	6325 b01	6334 c01	6343 d01	6352 e01	6361 f01	6370 g01	6379 h01	6388 i01	6397 j01	6406 k01	6415 l01	6424 m01	6433 n01	6442 o01	6451 p01	6460 q01	6469 r01	6478 s01	6487 t01	6496 u01	6505 v01	6514 w01	6523 x01	6532 y01	6541 z01	6550 a01	6559 b01	6568 c01	6577 d01	6586 e01	6595 f01	6604 g01	6613 h01	6622 i01	6631 j01	6640 k01	6649 l01	6658 m01	6667 n01	6676 o01	6685 p01	6694 q01	6703 r01	6712 s01	6721 t01	6730 u01	6739 v01	6748 w01	6757 x01	6766 y01	6775 z01	6784 a01	6793 b01	6802 c01	6811 d01	6820 e01	6829 f01	6838 g01	6847 h01	6856 i01	6865 j01	6874 k01	6883 l01	6893 m01	6902 n01	6911 o01	6920 p01	6929 q01	6938 r01	6947 s01	6956 t01	6965 u01	6974 v01	6983 w01	6992 x01	7001 y01	7010 z01	7019 a01	7028 b01	7037 c01	7046 d01	7055 e01	7064 f01	7073 g01	7082 h01	7091 i01	7100 j01	7109 k01	7118 l01	7127 m01	7136 n01	7145 o01	7154 p01	7163 q01	7172 r01	7181 s01	7190 t01	7199 u01	7208 v01	7217 w01	7226 x01	7235 y01	7244 z01	7253 a01	7262 b01	7271 c01	7280 d01	7289 e01	7298 f01	7307 g01	7316 h01	7325 i01	7334 j01	7343 k01	7352 l01	7361 m01	7370 n01	7379 o01	7388 p01	7397 q01	7406 r01	7415 s01	7424 t01	7433 u01	7442 v01	7451 w01	7460 x01	7469 y01	7478 z01	7487 a01	7496 b01	7505 c01	7514 d01	7523 e01	7532 f01	7541 g01	7550 h01	7559 i01	7568 j01	7577 k01	7586 l01	7595 m01	7604 n01	7613 o01	7622 p01	7631 q01	7640 r01	7649 s01	7658 t01	7667 u01	7676 v01	7685 w01	7694 x01	7703 y01	7712 z01	7721 a01	7730 b01	7739 c01	7748 d01	7757 e01	7766 f01	7775 g01	7784 h01	7793 i01	7802 j01	7811 k01	7820 l01	7829 m01	7838 n01	7847 o01	7856 p01	7865 q01	7874 r01	7883 s01	7893 t01	7902 u01	7911 v01	7920 w01	7929 x01	7938 y01	7947 z01	7956 a01	7965 b01	7974 c01	7983 d01	7992 e01	8001 f01	8010 g01	8019 h01	8028 i01	8037 j01	8046 k01	8055 l01	8064 m01	8073 n01	8082 o01	8091 p01	8100 q01	8109 r01	8118 s01	8127 t01	8136 u01	8145 v01	8154 w01	8163 x01	8172 y01	8181 z01	8190 a01	8199 b01	8208 c01	8217 d01	8226 e01	8235 f01	8244 g01	8253 h01	8262 i01	8271 j01	8280 k01	8289 l01	8298 m01	8307 n01	8316 o01	8325 p01	8334 q01	8343 r01	8352 s01	8361 t01	8370 u01	8379 v01	8388 w01	8397 x01	8406 y01	8415 z01	8424 a01	8433 b01	8442 c01	8451 d01	8460 e01	8469 f01	8478 g01	8487 h01	8496 i01	8505 j01	8514 k01	8523 l01	8532 m01	8541 n01	8550 o01	8559 p01	8568 q01	8577 r01	8586 s01	8595 t01	8604 u01	8613 v01	8622 w01	8631 x01	8640 y01	8649 z01	8658 a01	8667 b01	8676 c01	8685 d01	8694 e01	8703 f01	8712 g01	8721 h01	8730 i01	8739 j01	8748 k01	8757 l01	8766 m01	8775 n01	8784 o01	8793 p01	8802 q01	8811 r01	8820 s01	8829 t01	8838 u01	8847 v01	8856 w01	8865 x01	8874 y01	8883 z01	8893 a01	8902 b01	8911 c01	8920 d01	8929 e01	8938 f01	8947 g01	8956 h01	8965 i01	8974 j01	8983 k01	8992 l01	9001 m01	9010 n01	9019 o01	9028 p01	

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	0.0 10.99 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
2	16.62 0.0 0.0	0.03 13.12 0.0	0.0 0.0 -3.49	0.0 0.0 0.0	3.5
3	22.25 0.0 0.0	0.06 16.44 0.0	0.0 0.0 -5.8	0.0 0.0 0.0	5.81
4	27.88 0.0 0.0	0.11 20.45 0.0	0.0 0.0 -7.41	0.0 0.0 0.0	7.42
5	33.5 0.0 0.0	0.17 24.98 0.0	0.0 0.0 -8.51	0.0 0.0 0.0	8.52
6	39.13 0.0 0.0	0.22 29.94 0.0	0.0 0.0 -9.18	0.0 0.0 0.0	9.19
7	44.76 0.0 0.0	0.29 35.27 0.0	0.0 0.0 -9.48	0.0 0.0 0.0	9.49
8	50.39 0.0 0.0	0.35 40.93 0.0	0.0 0.0 -9.44	0.0 0.0 0.0	9.45
9	56.02 0.0 0.0	0.43 46.9 0.0	0.0 0.0 -9.11	0.0 0.0 0.0	9.12
10	61.64 0.0 0.0	0.5 53.13 0.0	0.0 0.0 -8.5	0.0 0.0 0.0	8.51
11	67.27 0.0 0.0	0.58 59.63 0.0	0.0 0.0 -7.63	0.0 0.0 0.0	7.64
12	72.9 0.0 0.0	0.66 66.36 0.0	0.0 0.0 -6.53	0.0 0.0 0.0	6.54
13	78.53 0.0 0.0	0.74 73.31 0.0	0.0 0.0 -5.2	0.0 0.0 0.0	5.21
14	84.15 0.0 0.0	0.82 80.48 0.0	0.0 0.0 -3.66	0.0 0.0 0.0	3.67
15	89.78 0.0 0.0	0.91 87.85 0.0	0.0 -1.92	0.0 0.0 1.93	Mean lightness difference (16 steps)
16	95.41 0.0 0.0	1.0 95.41 0.0	0.0 0.0 0.0	0.0 0.0 0.01	$\Delta E^*_{CIELAB} = 6.0$
17	10.99 0.0 0.0	0.0 10.99 0.0	0.0 0.0 0.0	0.0 0.0 0.01	
18	32.1 0.0 0.0	0.15 23.81 0.0	0.0 -8.28	0.0 0.0 8.29	
19	53.2 0.0 0.0	0.39 43.88 0.0	0.0 -9.31	0.0 0.0 9.32	
20	74.31 0.0 0.0	0.68 68.08 0.0	0.0 -6.22	0.0 0.0 6.23	Mean lightness difference (5 steps)
21	95.41 0.0 0.0	1.0 95.41 0.0	0.0 0.0 0.0	0.0 0.0 0.01	$\Delta L^*_{CIELAB} = 4.8$
Mean colour reproduction index:					$R^*_{ab,m} = 74$

OE970-3N-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



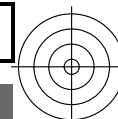
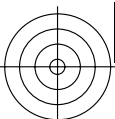
OE971-3N-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (absolute)	10.9/1.2	16.6/2.2	22.2/3.5	27.8/5.4	33.5/7.7	39.1/10.7	44.7/14.3	50.3/18.7	56.0/23.9	61.6/29.9	67.2/36.9	72.8/45.0	78.5/54.1	84.1/64.3	89.7/75.8	95.4/88.5
$w^* w^* w^*$ setrgb																
$g_N=1.17$ 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	0.041	0.093	0.15	0.211	0.274	0.34	0.408	0.476	0.548	0.62	0.693	0.769	0.845	0.921	1.0

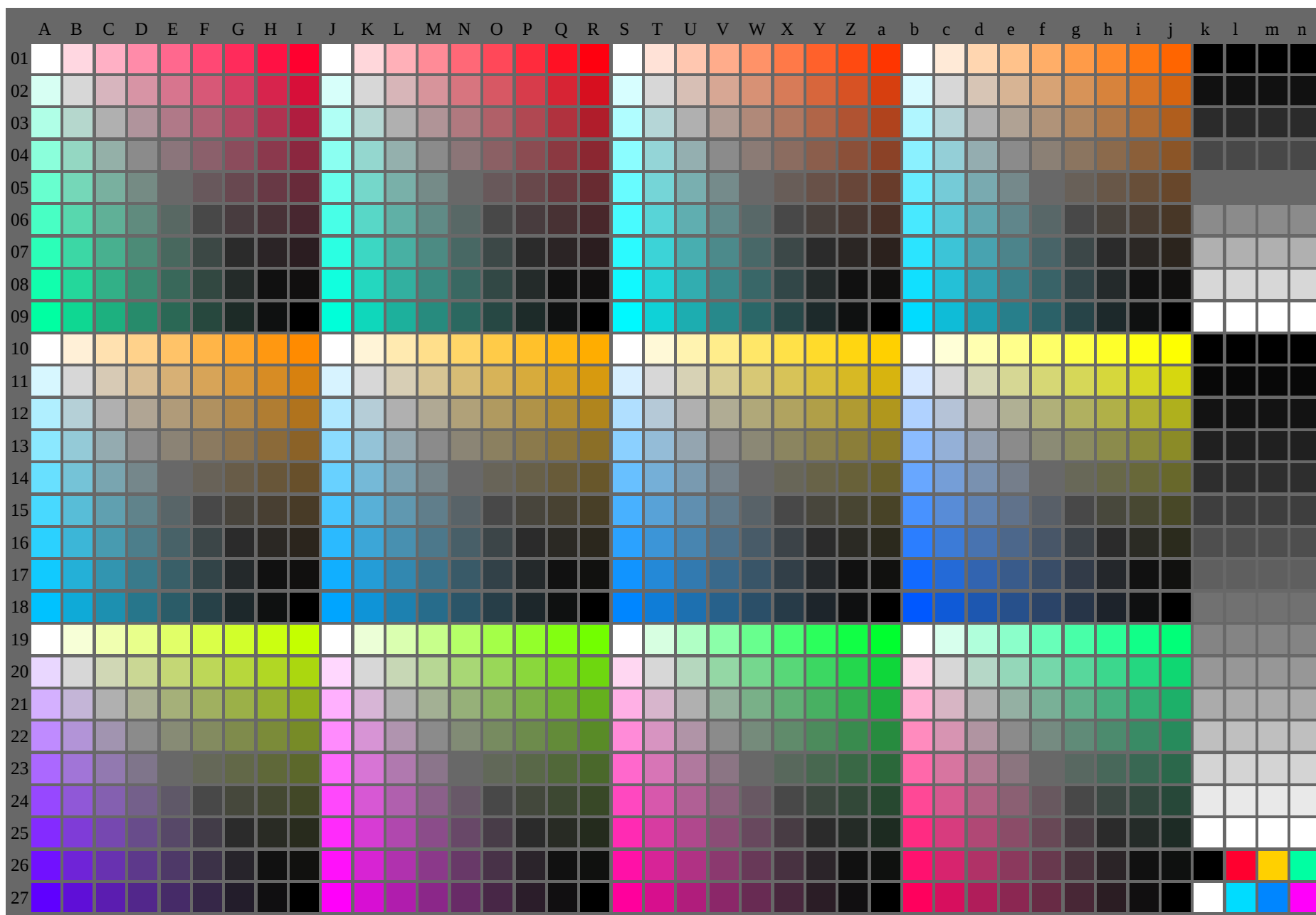
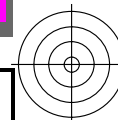
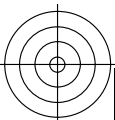
OE740-7N, Picture A7-132-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE97: In-output relation according to ISO 9241-306; 1MR, DEH input: 000n/w/cmy0/rgb (->rgb*_{de})
Viewing Y contrast $Y_W:Y_N=88,9:1,25$; Y_N range 0,93 to <1,87 output 130-2: $g_P=1.0$; $g_N=1.17$

TUB registration: 20110801-OE97/OE97L0NA.TXT /.PS
TUB material: code=rh4ta
application for output of displays: monitor systems or data projector systems



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



OE970-7N-133-0: Test chart 2e with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^{**}(A_n)$, $colorml = 1$

OE97: Test chart 2e with 40x27=1080 colours; 1MR, DEH
Digital equidistant 9 or 16 step colour scales

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

TUB registration: 20110801-OE97/OE97L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems

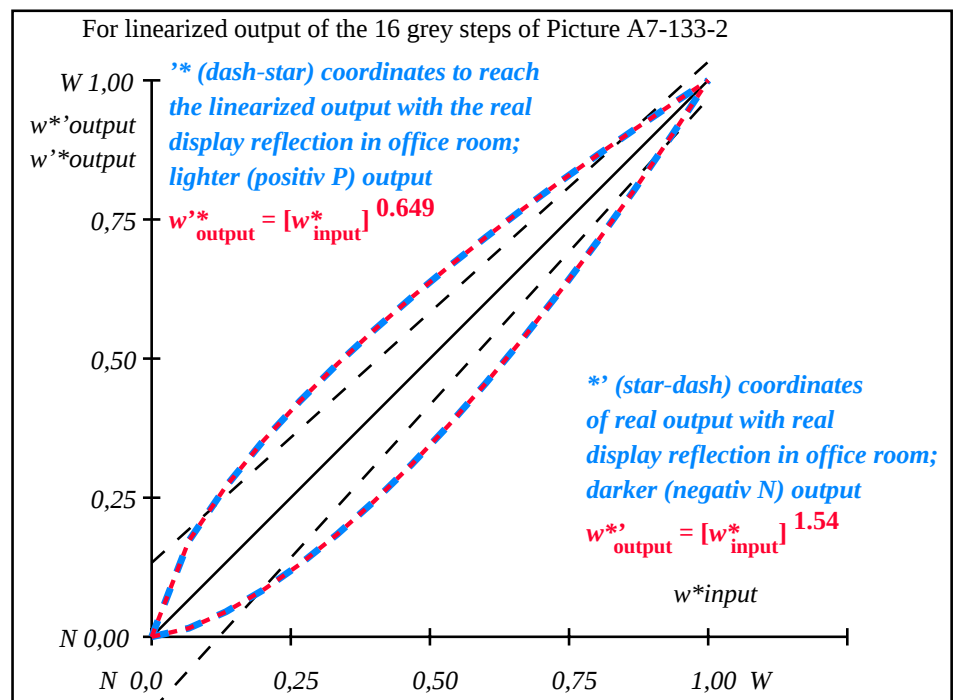
TUB material: code=rha4ta

	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
0001 b01	0010 c01	0019 d01	0028 e01	0037 f01	0046 g01	0055 h01	0064 i01	0073 j01	0082 k01	0091 l01	0100 m01	0109 n01	0118 o01	0127 p01	0136 q01	0145 r01	0154 s01	0163 t01	0172 u01	0181 v01	0190 w01	0199 x01	0208 y01	0217 z01	0226 a01	0235 b01	0244 c01	0253 d01	0262 e01	0271 f01	0280 g01	0289 h01	0298 i01	0307 j01	0316 k01	0325 l01	0334 m01	0343 n01	0352 o01	0361 p01	0370 q01	0379 r01	0388 s01	0397 t01	0406 u01	0415 v01	0424 w01	0433 x01	0442 y01	0451 z01	0460 a01	0469 b01	0478 c01	0487 d01	0496 e01	0505 f01	0514 g01	0523 h01	0532 i01	0541 j01	0550 k01	0559 l01	0568 m01	0577 n01	0586 o01	0595 p01	0604 q01	0613 r01	0622 s01	0631 t01	0640 u01	0649 v01	0658 w01	0667 x01	0676 y01	0685 z01	0694 a01	0703 b01	0712 c01	0721 d01	0730 e01	0739 f01	0748 g01	0757 h01	0766 i01	0775 j01	0784 k01	0793 l01	0802 m01	0811 n01	0820 o01	0829 p01	0838 q01	0847 r01	0856 s01	0865 t01	0874 u01	0883 v01	0893 w01	0902 x01	0911 y01	0920 z01	0929 a01	0938 b01	0947 c01	0956 d01	0965 e01	0974 f01	0983 g01	0992 h01	1001 i01	1010 j01	1019 k01	1028 l01	1037 m01	1046 n01	1055 o01	1064 p01	1073 q01	1082 r01	1091 s01	1100 t01	1109 u01	1118 v01	1127 w01	1136 x01	1145 y01	1154 z01	1163 a01	1172 b01	1181 c01	1190 d01	1199 e01	1208 f01	1217 g01	1226 h01	1235 i01	1244 j01	1253 k01	1262 l01	1271 m01	1280 n01	1289 o01	1298 p01	1307 q01	1316 r01	1325 s01	1334 t01	1343 u01	1352 v01	1361 w01	1370 x01	1379 y01	1388 z01	1397 a01	1406 b01	1415 c01	1424 d01	1433 e01	1442 f01	1451 g01	1460 h01	1469 i01	1478 j01	1487 k01	1496 l01	1505 m01	1514 n01	1523 o01	1532 p01	1541 q01	1550 r01	1559 s01	1568 t01	1577 u01	1586 v01	1595 w01	1604 x01	1613 y01	1622 z01	1631 a01	1640 b01	1649 c01	1658 d01	1667 e01	1676 f01	1685 g01	1694 h01	1703 i01	1712 j01	1721 k01	1730 l01	1739 m01	1748 n01	1757 o01	1766 p01	1775 q01	1784 r01	1793 s01	1802 t01	1811 u01	1820 v01	1829 w01	1838 x01	1847 y01	1856 z01	1865 a01	1874 b01	1883 c01	1893 d01	1902 e01	1911 f01	1920 g01	1929 h01	1938 i01	1947 j01	1956 k01	1965 l01	1974 m01	1983 n01	1992 o01	2001 p01	2010 q01	2019 r01	2028 s01	2037 t01	2046 u01	2055 v01	2064 w01	2073 x01	2082 y01	2091 z01	2100 a01	2109 b01	2118 c01	2127 d01	2136 e01	2145 f01	2154 g01	2163 h01	2172 i01	2181 j01	2190 k01	2199 l01	2208 m01	2217 n01	2226 o01	2235 p01	2244 q01	2253 r01	2262 s01	2271 t01	2280 u01	2289 v01	2298 w01	2307 x01	2316 y01	2325 z01	2334 a01	2343 b01	2352 c01	2361 d01	2370 e01	2379 f01	2388 g01	2397 h01	2406 i01	2415 j01	2424 k01	2433 l01	2442 m01	2451 n01	2460 o01	2469 p01	2478 q01	2487 r01	2496 s01	2505 t01	2514 u01	2523 v01	2532 w01	2541 x01	2550 y01	2559 z01	2568 a01	2577 b01	2586 c01	2595 d01	2604 e01	2613 f01	2622 g01	2631 h01	2640 i01	2649 j01	2658 k01	2667 l01	2676 m01	2685 n01	2694 o01	2703 p01	2712 q01	2721 r01	2730 s01	2739 t01	2748 u01	2757 v01	2766 w01	2775 x01	2784 y01	2793 z01	2802 a01	2811 b01	2820 c01	2829 d01	2838 e01	2847 f01	2856 g01	2865 h01	2874 i01	2883 j01	2893 k01	2902 l01	2911 m01	2920 n01	2929 o01	2938 p01	2947 q01	2956 r01	2965 s01	2974 t01	2983 u01	2992 v01	3001 w01	3010 x01	3019 y01	3028 z01	3037 a01	3046 b01	3055 c01	3064 d01	3073 e01	3082 f01	3091 g01	3100 h01	3109 i01	3118 j01	3127 k01	3136 l01	3145 m01	3154 n01	3163 o01	3172 p01	3181 q01	3190 r01	3199 s01	3208 t01	3217 u01	3226 v01	3235 w01	3244 x01	3253 y01	3262 z01	3271 a01	3280 b01	3289 c01	3298 d01	3307 e01	3316 f01	3325 g01	3334 h01	3343 i01	3352 j01	3361 k01	3370 l01	3379 m01	3388 n01	3397 o01	3406 p01	3415 q01	3424 r01	3433 s01	3442 t01	3451 u01	3460 v01	3469 w01	3478 x01	3487 y01	3496 z01	3505 a01	3514 b01	3523 c01	3532 d01	3541 e01	3550 f01	3559 g01	3568 h01	3577 i01	3586 j01	3595 k01	3604 l01	3613 m01	3622 n01	3631 o01	3640 p01	3649 q01	3658 r01	3667 s01	3676 t01	3685 u01	3694 v01	3703 w01	3712 x01	3721 y01	3730 z01	3739 a01	3748 b01	3757 c01	3766 d01	3775 e01	3784 f01	3793 g01	3802 h01	3811 i01	3820 j01	3829 k01	3838 l01	3847 m01	3856 n01	3865 o01	3874 p01	3883 q01	3893 r01	3902 s01	3911 t01	3920 u01	3929 v01	3938 w01	3947 x01	3956 y01	3965 z01	3974 a01	3983 b01	3992 c01	4001 d01	4010 e01	4019 f01	4028 g01	4037 h01	4046 i01	4055 j01	4064 k01	4073 l01	4082 m01	4091 n01	4100 o01	4109 p01	4118 q01	4127 r01	4136 s01	4145 t01	4154 u01	4163 v01	4172 w01	4181 x01	4190 y01	4199 z01	4208 a01	4217 b01	4226 c01	4235 d01	4244 e01	4253 f01	4262 g01	4271 h01	4280 i01	4289 j01	4298 k01	4307 l01	4316 m01	4325 n01	4334 o01	4343 p01	4352 q01	4361 r01	4370 s01	4379 t01	4388 u01	4397 v01	4406 w01	4415 x01	4424 y01	4433 z01	4442 a01	4451 b01	4460 c01	4469 d01	4478 e01	4487 f01	4496 g01	4505 h01	4514 i01	4523 j01	4532 k01	4541 l01	4550 m01	4559 n01	4568 o01	4577 p01	4586 q01	4595 r01	4604 s01	4613 t01	4622 u01	4631 v01	4640 w01	4649 x01	4658 y01	4667 z01	4676 a01	4685 b01	4694 c01	4703 d01	4712 e01	4721 f01	4730 g01	4739 h01	4748 i01	4757 j01	4766 k01	4775 l01	4784 m01	4793 n01	4802 o01	4811 p01	4820 q01	4829 r01	4838 s01	4847 t01	4856 u01	4865 v01	4874 w01	4883 x01	4893 y01	4902 z01	4911 a01	4920 b01	4929 c01	4938 d01	4947 e01	4956 f01	4965 g01	4974 h01	4983 i01	4992 j01	5001 k01	5010 l01	5019 m01	5028 n01	5037 o01	5046 p01	5055 q01	5064 r01	5073 s01	5082 t01	5091 u01	5100 v01	5109 w01	5118 x01	5127 y01	5136 z01	5145 a01	5154 b01	5163 c01	5172 d01	5181 e01	5190 f01	5199 g01	5208 h01	5217 i01	5226 j01	5235 k01	5244 l01	5253 m01	5262 n01	5271 o01	5280 p01	5289 q01	5298 r01	5307 s01	5316 t01	5325 u01	5334 v01	5343 w01	5352 x01	5361 y01	5370 z01	5379 a01	5388 b01	5397 c01	5406 d01	5415 e01	5424 f01	5433 g01	5442 h01	5451 i01	5460 j01	5469 k01	5478 l01	5487 m01	5496 n01	5505 o01	5514 p01	5523 q01	5532 r01	5541 s01	5550 t01	5559 u01	5568 v01	5577 w01	5586 x01	5595 y01	5604 z01	5613 a01	5622 b01	5631 c01	5640 d01	5649 e01	5658 f01	5667 g01	5676 h01	5685 i01	5694 j01	5703 k01	5712 l01	5721 m01	5730 n01	5739 o01	5748 p01	5757 q01	5766 r01	5775 s01	5784 t01	5793 u01	5802 v01	5811 w01	5820 x01	5829 y01	5838 z01	5847 a01	5856 b01	5865 c01	5874 d01	5883 e01	5893 f01	5902 g01	5911 h01	5920 i01	5929 j01	5938 k01	5947 l01	5956 m01	5965 n01	5974 o01	5983 p01	5992 q01	6001 r01	6010 s01	6019 t01	6028 u01	6037 v01	6046 w01	6055 x01	6064 y01	6073 z01	6082 a01	6091 b01	6100 c01	6109 d01	6118 e01	6127 f01	6136 g01	6145 h01	6154 i01	6163 j01	6172 k01	6181 l01	6190 m01	6199 n01	6208 o01	6217 p01	6226 q01	6235 r01	6244 s01	6253 t01	6262 u01	6271 v01	6280 w01	6289 x01	6298 y01	6307 z01	6316 a01	6325 b01	6334 c01	6343 d01	6352 e01	6361 f01	6370 g01	6379 h01	6388 i01	6397 j01	6406 k01	6415 l01	6424 m01	6433 n01	6442 o01	6451 p01	6460 q01	6469 r01	6478 s01	6487 t01	6496 u01	6505 v01	6514 w01	6523 x01	6532 y01	6541 z01	6550 a01	6559 b01	6568 c01	6577 d01	6586 e01	6595 f01	6604 g01	6613 h01	6622 i01	6631 j01	6640 k01	6649 l01	6658 m01	6667 n01	6676 o01	6685 p01	6694 q01	6703 r01	6712 s01	6721 t01	6730 u01	6739 v01	6748 w01	6757 x01	6766 y01	6775 z01	6784 a01	6793 b01	6802 c01	6811 d01	6820 e01	6829 f01	6838 g01	6847 h01	6856 i01	6865 j01	6874 k01	6883 l01	6893 m01	6902 n01	6911 o01	6920 p01	6929 q01	6938 r01	6947 s01	6956 t01	6965 u01	6974 v01	6983 w01	6992 x01	7001 y01	7010 z01	7019 a01	7028 b01	7037 c01	7046 d01	7055 e01	7064 f01	7073 g01	7082 h01	7091 i01	7100 j01	7109 k01	7118 l01	7127 m01	7136 n01	7145 o01	7154 p01	7163 q01	7172 r01	7181 s01	7190 t01	7199 u01	7208 v01	7217 w01	7226 x01	7235 y01	7244 z01	7253 a01	7262 b01	7271 c01	7280 d01	7289 e01	7298 f01	7307 g01	7316 h01	7325 i01	7334 j01	7343 k01	7352 l01	7361 m01	7370 n01	7379 o01	7388 p01	7397 q01	7406 r01	7415 s01	7424 t01	7433 u01	7442 v01	7451 w01	7460 x01	7469 y01	7478 z01	7487 a01	7496 b01	7505 c01	7514 d01	7523 e01	7532 f01	7541 g01	7550 h01	7559 i01	7568 j01	7577 k01	7586 l01	7595 m01	7604 n01	7613 o01	7622 p01	7631 q01	7640 r01	7649 s01	7658 t01	7667 u01	7676 v01	7685 w01	7694 x01	7703 y01	7712 z01	7721 a01	7730 b01	7739 c01	7748 d01	7757 e01	7766 f01	7775 g01	7784 h01	7793 i01	7802 j01	7811 k01	7820 l01	7829 m01	7838 n01	7847 o01	7856 p01	7865 q01	7874 r01	7883 s01	7893 t01	7902 u01	7911 v01	7920 w01	7929 x01	7938 y01	7947 z01	7956 a01	7965 b01	7974 c01	7983 d01	7992 e01	8001 f01	8010 g01	8019 h01	8028 i01	8037 j01	8046 k01	8055 l01	8064 m01	8073 n01	8082 o01	8091 p01	8100 q01	8109 r01	8118 s01	8127 t01	8136 u01	8145 v01	8154 w01	8163 x01	8172 y01	8181 z01	8190 a01	8199 b01	8208 c01	8217 d01	8226 e01	8235 f01	8244 g01	8253 h01	8262 i01	8271 j01	8280 k01	8289 l01	8298 m01	8307 n01	8316 o01	8325 p01	8334 q01	8343 r01	8352 s01	8361 t01	8370 u01	8379 v01	8388 w01	8397 x01	8406 y01	8415 z01	8424 a01	8433 b01	8442 c01	8451 d01	8460 e01	8469 f01	8478 g01	8487 h01	8496 i01	8505 j01	8514 k01	8523 l01	8532 m01	8541 n01	8550 o01	8559 p01	8568 q01	8577 r01	8586 s01	8595 t01	8604 u01	8613 v01	8622 w01	8631 x01	8640 y01	8649 z01	8658 a01	8667 b01	8676 c01	8685 d01	8694 e01	8703 f01	8712 g01	8721 h01	8730 i01	8739 j01	8748 k01	8757 l01	8766 m01	8775 n01	8784 o01	8793 p01	8802 q01	8811 r01	8820 s01	8829 t01	8838 u01	8847 v01	8856 w01	8865 x01	8874 y01	8883 z01	8893 a01	8902 b01	8911 c01	8920 d01	8929 e01	8938 f01	8947 g01	8956 h01	8965 i01	8974 j01	8983 k01	8992 l01	9001 m01	9010 n01	9019 o01	9028 p01

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

Start output S1												
i	LAB*ref			l*out			LAB*out			LAB*out/c--ref	ΔE*	Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G
1	18.01	0.0	0.0	0.0	18.01	0.0	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	0.0	3.96	
3	28.33	0.0	0.0	0.04	21.49	0.0	0.0	-6.83	0.0	0.0	6.84	
4	33.49	0.0	0.0	0.08	24.5	0.0	0.0	-8.98	0.0	0.0	8.99	
5	38.65	0.0	0.0	0.13	28.12	0.0	0.0	-10.52	0.0	0.0	10.53	
6	43.81	0.0	0.0	0.18	32.26	0.0	0.0	-11.53	0.0	0.0	11.54	
7	48.97	0.0	0.0	0.24	36.89	0.0	0.0	-12.07	0.0	0.0	12.08	
8	54.13	0.0	0.0	0.31	41.94	0.0	0.0	-12.18	0.0	0.0	12.19	
9	59.29	0.0	0.0	0.38	47.41	0.0	0.0	-11.87	0.0	0.0	11.88	
10	64.45	0.0	0.0	0.46	53.25	0.0	0.0	-11.19	0.0	0.0	11.2	
11	69.61	0.0	0.0	0.54	59.46	0.0	0.0	-10.14	0.0	0.0	10.15	
12	74.77	0.0	0.0	0.62	66.02	0.0	0.0	-8.74	0.0	0.0	8.75	
13	79.93	0.0	0.0	0.71	72.9	0.0	0.0	-7.02	0.0	0.0	7.03	
14	85.09	0.0	0.0	0.8	80.1	0.0	0.0	-4.98	0.0	0.0	4.99	
15	90.25	0.0	0.0	0.9	87.61	0.0	0.0	-2.63	0.0	0.0	2.64	
16	95.41	0.0	0.0	1.0	95.41	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	0.01	
18	37.36	0.0	0.0	0.12	27.16	0.0	0.0	-10.19	0.0	0.0	10.2	
19	56.71	0.0	0.0	0.34	44.63	0.0	0.0	-12.07	0.0	0.0	12.08	
20	76.06	0.0	0.0	0.64	67.71	0.0	0.0	-8.34	0.0	0.0	8.35	
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} = 66												

OE970-3N-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE971-3N-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (absolute)	18.0/2.5	23.1/3.8	28.3/5.5	33.4/7.7	38.6/10.4	43.8/13.7	48.9/17.5	54.1/22.0	59.2/27.3	64.4/33.3	69.6/40.1	74.7/47.9	79.9/56.5	85.0/66.1	90.2/76.8	95.4/88.5
$w^*w^*w^*$ 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
$w^*=l^*_{CIELAB,r}$ (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	0,03	0,074	0,125	0,181	0,241	0,306	0,374	0,444	0,517	0,593	0,669	0,749	0,831	0,914	1,0

OE740-7N, Picture A7-133-2: 16 visual equidistant L^* -grey steps; PS operator: $w^*w^*w^*$ setrgbcolor

OE97: In-output relation according to ISO 9241-306; 1MR, DEH input: 000n/w/cmy0/rgb (->rgb*_{de})
Viewing Y contrast $Y_W:Y_N=88,9:2,5$; Y_N range 1,87 to <3,75 output 130-2: $g_P=1.0$; $g_N=1.29$

1 UB registration: 20110801-OE9//OE9/LUNA.1X1/.PS 1 UB material: code=ma4ta
7 application for output of displays: monitor systems or data projector systems

OE970-7N-134-0: Test chart 2e with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): **rgb*** (A_n), **colorm1** = 1

OE97: Test chart 2e with 40x27=1080 colours; 1MR, DEH
Digital equidistant 9 or 16 step colour scales

input: 000n/w/cmy0/rgb (->rgb*_{de})
output 130-0: $g_P=1.0$; $g_N=1.42$

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, 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	0.01 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

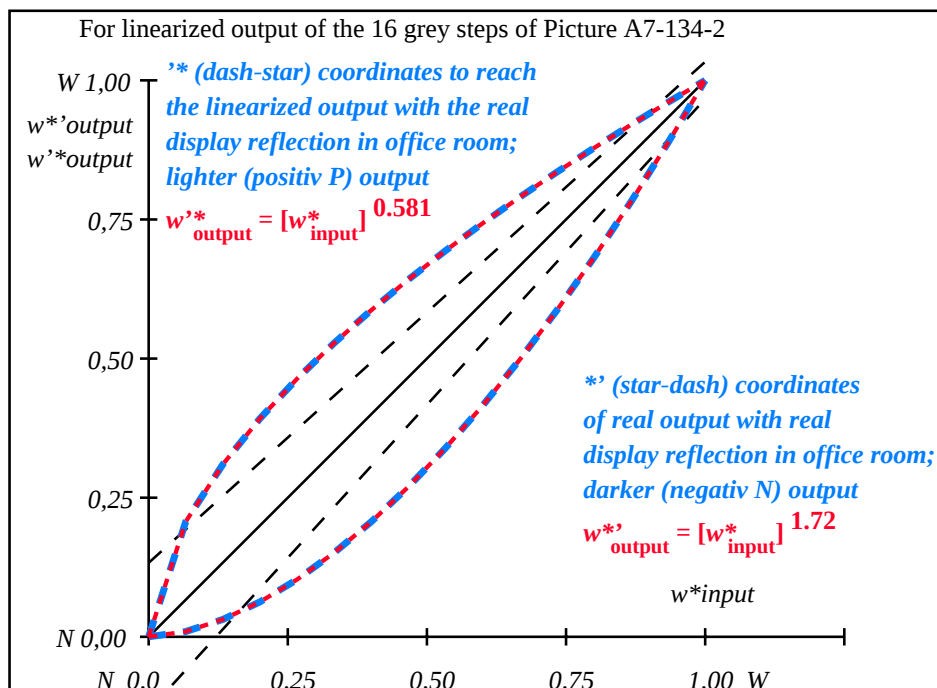
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

OE970-3N-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



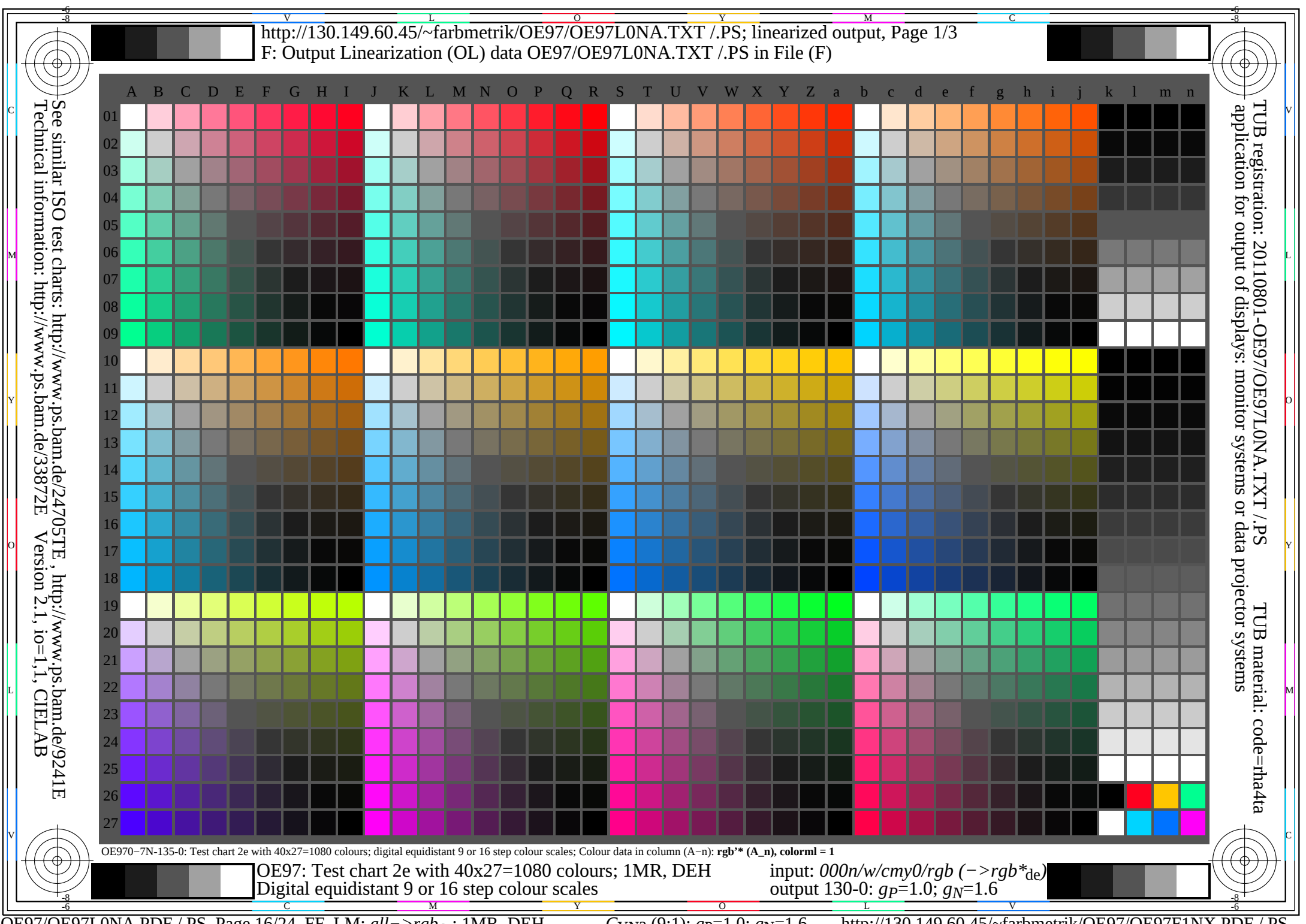
OE971-3N-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (absolute)	26.8/5.0	31.4/6.8	35.9/9.0	40.5/11.5	45.1/14.6	49.7/18.1	54.2/22.2	58.8/26.8	63.4/32.0	67.9/37.9	72.5/44.4	77.1/51.7	81.6/59.7	86.2/68.5	90.8/78.1	95.4/88.5
$w^* w^* w^*$ setrgb																
$g_N=1.42$ 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	0,021	0,056	0,1	0,151	0,207	0,27	0,336	0,407	0,482	0,56	0,641	0,727	0,815	0,905	1,0

OE740-7N, Picture A7-134-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE97: In-output relation according to ISO 9241-306; 1MR, DEH input: 000n/w/cmy0/rgb (->rgb*_{de})
Viewing Y contrast $Y_W:Y_N=88,9:5$; Y_N range 3,75 to <7,5 output 130-2: $g_P=1.0$; $g_N=1.42$

TUB registration: 20110801-OE97/OE97L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta



OE97/OE97F10NA.PDF / PS. Page 17/24. FF I M: $all \rightarrow rqb_{+}$: 1MB. DEH C_{YN3} (9:1): $q_D \equiv 1.0$: $q_N \equiv 1.6$ <http://130.149.60.45/~farbmatrik/OE97/OE97F1NX.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*
1	37.99 0.0 0.0	0.0 37.99 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
2	41.81 0.0 0.0	0.01 38.32 0.0	0.0 0.0 -3.48	0.0 0.0 0.0	3.49
3	45.64 0.0 0.0	0.02 39.23 0.0	0.0 0.0 -6.4	0.0 0.0 0.0	6.41
4	49.47 0.0 0.0	0.05 40.68 0.0	0.0 0.0 -8.78	0.0 0.0 0.0	8.79
5	53.3 0.0 0.0	0.08 42.65 0.0	0.0 0.0 -10.64	0.0 0.0 0.0	10.65
6	57.13 0.0 0.0	0.12 45.11 0.0	0.0 0.0 -12.01	0.0 0.0 0.0	12.02
7	60.96 0.0 0.0	0.18 48.06 0.0	0.0 0.0 -12.89	0.0 0.0 0.0	12.9
8	64.78 0.0 0.0	0.24 51.48 0.0	0.0 0.0 -13.29	0.0 0.0 0.0	13.3
9	68.61 0.0 0.0	0.3 55.38 0.0	0.0 0.0 -13.22	0.0 0.0 0.0	13.23
10	72.44 0.0 0.0	0.38 59.74 0.0	0.0 0.0 -12.69	0.0 0.0 0.0	12.7
11	76.27 0.0 0.0	0.46 64.56 0.0	0.0 0.0 -11.69	0.0 0.0 0.0	11.7
12	80.1 0.0 0.0	0.55 69.84 0.0	0.0 0.0 -10.25	0.0 0.0 0.0	10.26
13	83.93 0.0 0.0	0.65 75.57 0.0	0.0 0.0 -8.35	0.0 0.0 0.0	8.36
14	87.75 0.0 0.0	0.76 81.74 0.0	0.0 0.0 -6.0	0.0 0.0 0.0	6.01
15	91.58 0.0 0.0	0.88 88.35 0.0	0.0 0.0 -3.22	0.0 0.0 0.0	3.23
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	37.99 0.0 0.0	0.0 37.99 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
18	52.34 0.0 0.0	0.07 42.11 0.0	0.0 0.0 -10.22	0.0 0.0 0.0	10.23
19	66.7 0.0 0.0	0.27 53.37 0.0	0.0 0.0 -13.32	0.0 0.0 0.0	13.33
20	81.05 0.0 0.0	0.58 71.23 0.0	0.0 0.0 -9.81	0.0 0.0 0.0	9.82
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

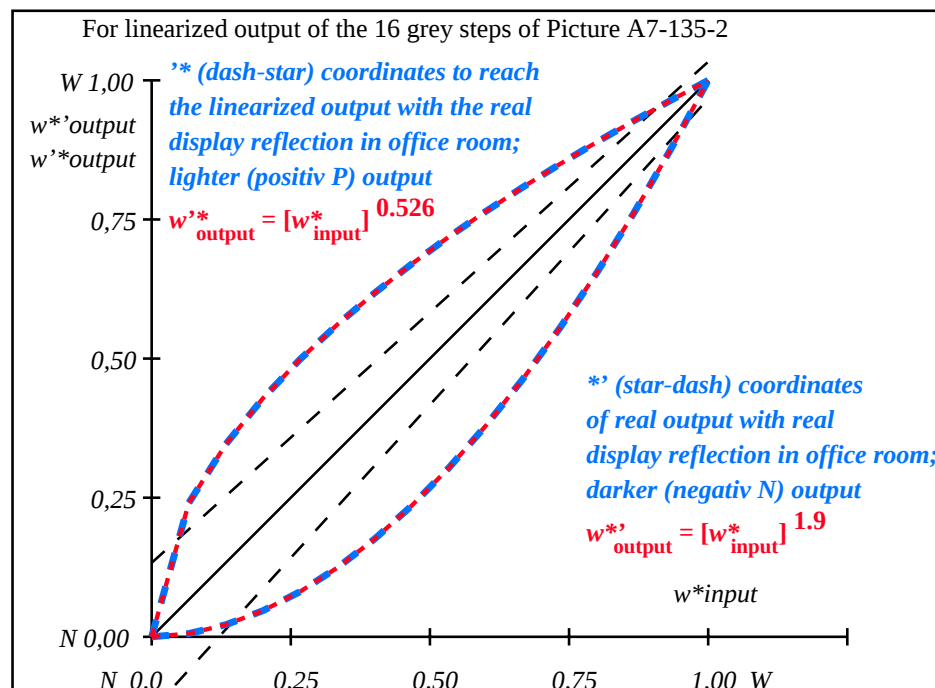
Start output S1
Specification according to
ISO/IEC 15775 Annex G
and DIN 33866-1 Annex G

Mean lightness difference (16 steps)
 $\Delta E^*_{CIELAB} = 8.3$

Mean lightness difference (5 steps)
 $\Delta L^*_{CIELAB} = 6.7$

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

OE970-3N-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE971-3N-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

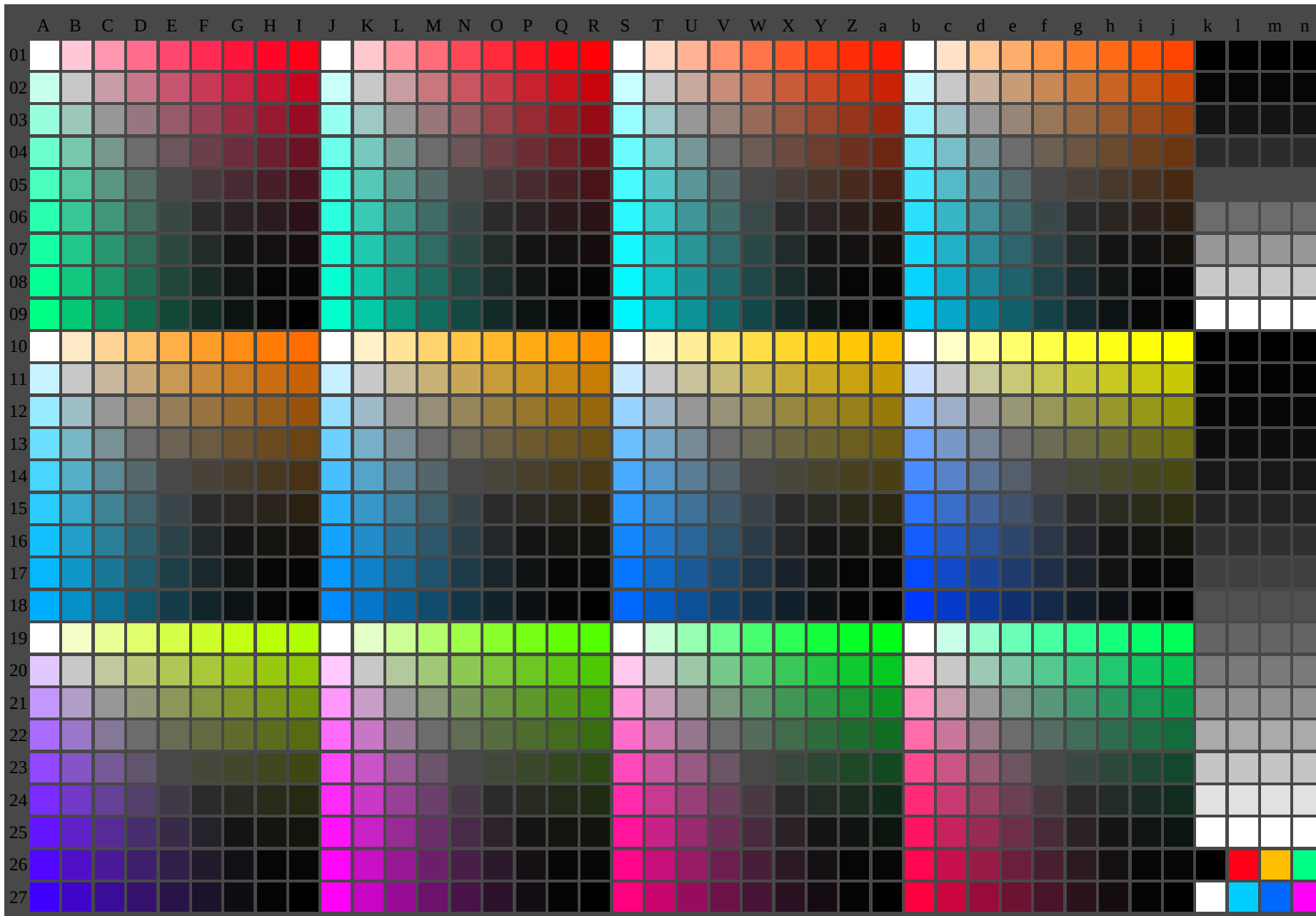
$L^*/Y_{intended}$ (absolute)	37.9/10.0	41.8/12.3	45.6/15.0	49.4/17.9	53.2/21.3	57.1/25.0	60.9/29.1	64.7/33.7	68.6/38.8	72.4/44.3	76.2/50.3	80.0/56.8	83.9/63.9	87.7/71.5	91.5/79.7	95.4/88.5
$w^* w^* w^*$ setrgb $g_N=1.6$																
No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	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	0.013	0.039	0.076	0.12	0.172	0.23	0.295	0.365	0.441	0.523	0.608	0.699	0.795	0.894	1.0

OE740-7N, Picture A7-135-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE97: In-output relation according to ISO 9241-306; 1MR, DEH input: 000n/w/cmy0/rgb (->rgb*_{de})
Viewing Y contrast $Y_W:Y_N=88,9:10$; Y_N range 7,5 to <15 output 130-2: $g_P=1.0$; $g_N=1.6$

TUB registration: 20110801-OE97/OE97L0NA.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



OE970-7N-136-0: Test chart 2e with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^* \cdot (A_n)$, $colorml = 1$

OE97: Test chart 2e with 40x27=1080 colours; 1MR, DEH
Digital equidistant 9 or 16 step colour scales

input: $000n/w/cmy0/rgb (->rgb^*_{de})$
output 130-0: $g_p=1.0; g_N=1.81$

TUB registration: 20110801-OE97/OE97L0NA.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	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	0.0 52.17 0.0	0.0 -2.73 0.0	0.0 0.0 0.0	2.74
3	57.8 0.0 0.0	0.02 52.67 0.0	0.0 -5.12 0.0	0.0 0.0 0.0	5.13
4	60.7 0.0 0.0	0.04 53.54 0.0	0.0 -7.14 0.0	0.0 0.0 0.0	7.15
5	63.59 0.0 0.0	0.06 54.79 0.0	0.0 -8.79 0.0	0.0 0.0 0.0	8.8
6	66.48 0.0 0.0	0.1 56.43 0.0	0.0 -10.04 0.0	0.0 0.0 0.0	10.05
7	69.37 0.0 0.0	0.15 58.47 0.0	0.0 -10.89 0.0	0.0 0.0 0.0	10.9
8	72.27 0.0 0.0	0.2 60.91 0.0	0.0 -11.35 0.0	0.0 0.0 0.0	11.36
9	75.16 0.0 0.0	0.27 63.75 0.0	0.0 -11.4 0.0	0.0 0.0 0.0	11.41
10	78.05 0.0 0.0	0.35 67.01 0.0	0.0 -11.03 0.0	0.0 0.0 0.0	11.04
11	80.95 0.0 0.0	0.43 70.69 0.0	0.0 -10.25 0.0	0.0 0.0 0.0	10.26
12	83.84 0.0 0.0	0.52 74.78 0.0	0.0 -9.05 0.0	0.0 0.0 0.0	9.06
13	86.73 0.0 0.0	0.63 79.3 0.0	0.0 -7.42 0.0	0.0 0.0 0.0	7.43
14	89.62 0.0 0.0	0.74 84.24 0.0	0.0 -5.38 0.0	0.0 0.0 0.0	5.39
15	92.52 0.0 0.0	0.87 89.61 0.0	0.0 -2.9 0.0	0.0 0.0 0.0	2.91
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	0.06 54.44 0.0	0.0 -8.41 0.0	0.0 0.0 0.0	8.42
19	73.71 0.0 0.0	0.24 62.28 0.0	0.0 -11.42 0.0	0.0 0.0 0.0	11.43
20	84.56 0.0 0.0	0.55 75.87 0.0	0.0 -8.68 0.0	0.0 0.0 0.0	8.69
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

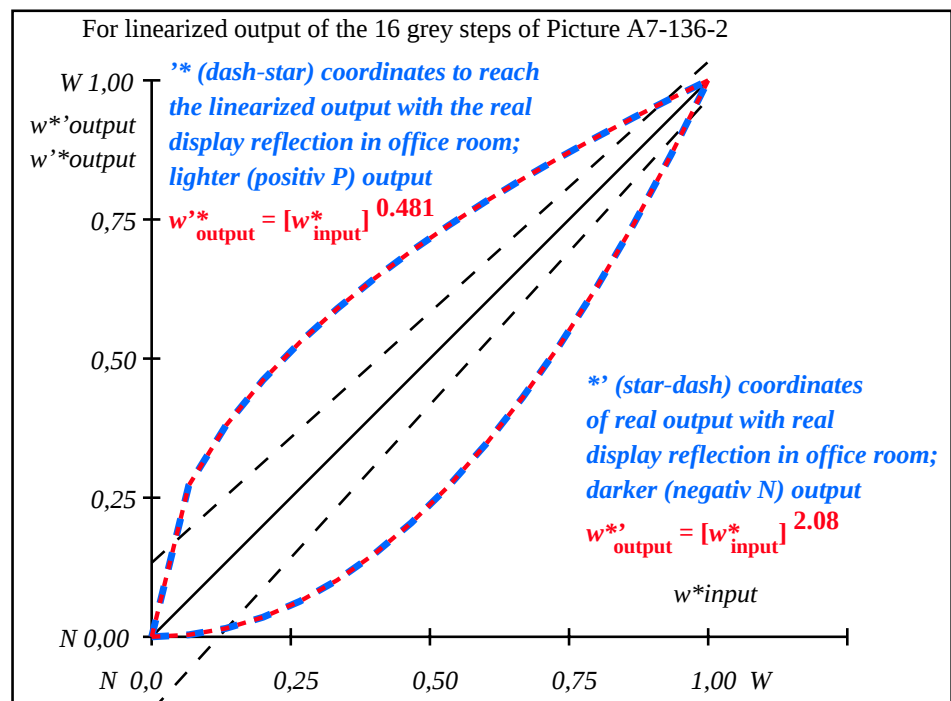
Start output S1
Specification according to
ISO/IEC 15775 Annex G
and DIN 33866-1 Annex G

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

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

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

OE970-3N-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE971-3N-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

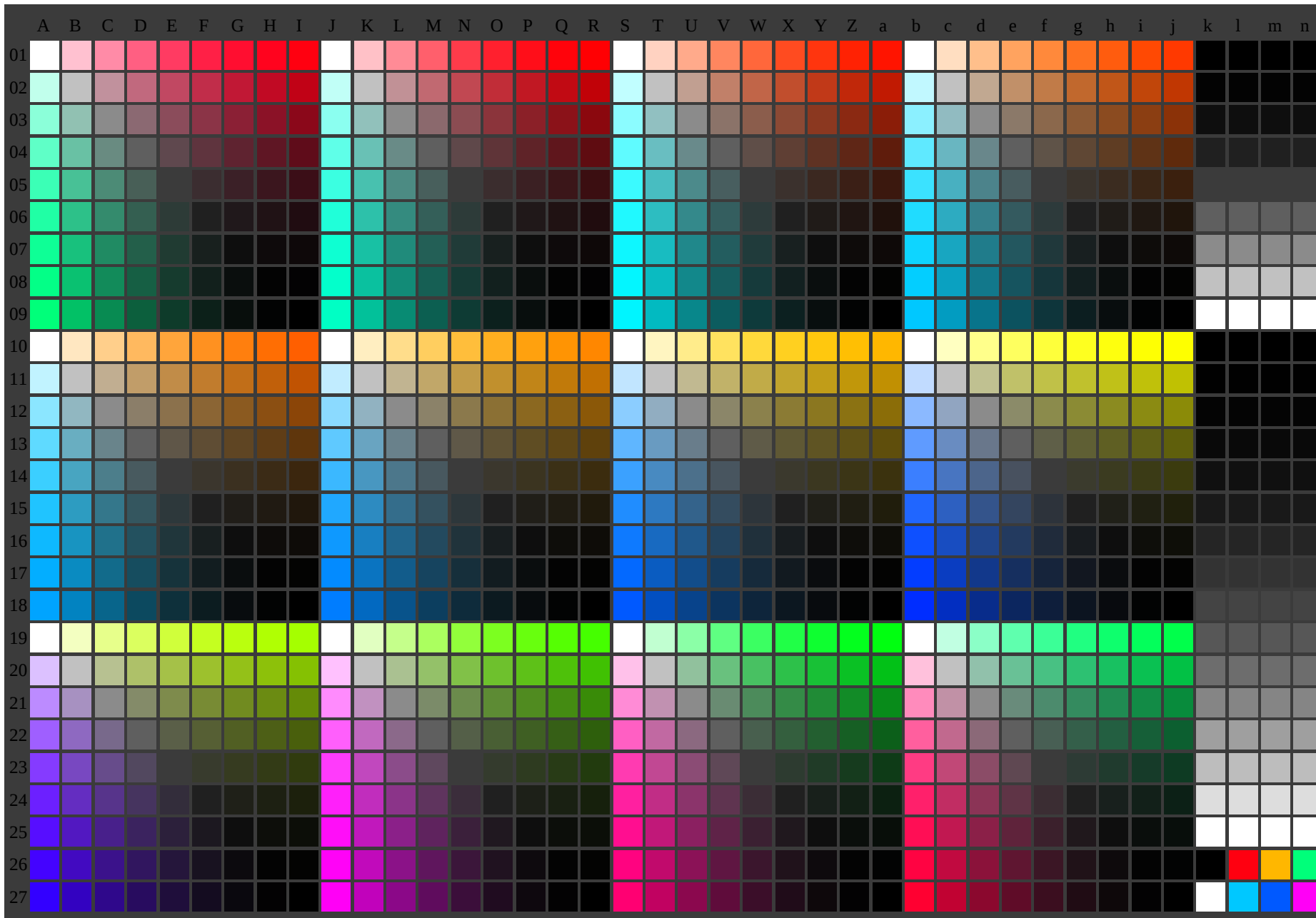
$L^*/Y_{intended}$ (absolute)	52.0/20.1	54.9/22.8	57.8/25.7	60.6/28.9	63.5/32.2	66.4/35.9	69.3/39.8	72.2/44.0	75.1/48.5	78.0/53.3	80.9/58.3	83.8/63.7	86.7/69.4	89.6/75.4	92.5/81.8	95.4/88.5
$w^* w^* w^*$ setrgb																
$g_N=1.81$ No. and Hex code	00;F	01;E	02;D	03;C	04;B	05;A	06;9	07;8	08;7	09;6	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	0.007	0.025	0.053	0.09	0.135	0.189	0.25	0.318	0.395	0.478	0.568	0.666	0.771	0.881	1.0

OE740-7N, Picture A7-136-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE97: In-output relation according to ISO 9241-306; 1MR, DEH input: 000n/w/cmy0/rgb (->rgb*_{de})
Viewing Y contrast $Y_W:Y_N=88,9:20$; Y_N range 15 to <30 output 130-2: $g_P=1.0$; $g_N=1.81$

TUB registration: 20110801-OE97/OE97L0NA.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



OE970-7N-137-0: Test chart 2e with 40x27=1080 colours; digital equidistant 9 or 16 step colour scales; Colour data in column (A-n): $rgb^{**}(A_n)$, $colorml = 1$

OE97: Test chart 2e with 40x27=1080 colours; 1MR, DEH
Digital equidistant 9 or 16 step colour scales

input: $000n/w/cmy0/rgb (->rgb_{de})$
output 130-0: $g_p=1.0; g_N=2.1$

TUB registration: 20110801-OE97/OE97L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rha4ta

TUB registration: 20110801-OE97/OE97L0NA.TXT /.PS TUB material: code=rha4ta
application for output of displays: monitor systems or data projector systems

C	M	Y	O	L	V
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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	0.0 0.0 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 0.0	0.0 0.0 0.0	1.66
3	73.13 0.0 0.0	69.97 0.0 0.0	-3.15 0.0 0.0	0.0 0.0 0.0	3.16
4	74.84 0.0 0.0	70.37 0.0 0.0	-4.46 0.0 0.0	0.0 0.0 0.0	4.47
5	76.55 0.0 0.0	70.99 0.0 0.0	-5.55 0.0 0.0	0.0 0.0 0.0	5.56
6	78.27 0.0 0.0	71.84 0.0 0.0	-6.41 0.0 0.0	0.0 0.0 0.0	6.42
7	79.98 0.0 0.0	72.94 0.0 0.0	-7.03 0.0 0.0	0.0 0.0 0.0	7.04
8	81.7 0.0 0.0	74.29 0.0 0.0	-7.4 0.0 0.0	0.0 0.0 0.0	7.41
9	83.41 0.0 0.0	75.91 0.0 0.0	-7.49 0.0 0.0	0.0 0.0 0.0	7.5
10	85.12 0.0 0.0	77.8 0.0 0.0	-7.31 0.0 0.0	0.0 0.0 0.0	7.32
11	86.84 0.0 0.0	79.98 0.0 0.0	-6.85 0.0 0.0	0.0 0.0 0.0	6.86
12	88.55 0.0 0.0	82.45 0.0 0.0	-6.09 0.0 0.0	0.0 0.0 0.0	6.1
13	90.27 0.0 0.0	85.23 0.0 0.0	-5.03 0.0 0.0	0.0 0.0 0.0	5.04
14	91.98 0.0 0.0	88.3 0.0 0.0	-3.67 0.0 0.0	0.0 0.0 0.0	3.68
15	93.7 0.0 0.0	91.7 0.0 0.0	-1.99 0.0 0.0	0.0 0.0 0.0	2.0
16	95.41 0.0 0.0	95.41 0.0 0.0	0.0 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	0.0 0.0 0.0	0.0 0.0 0.0	0.01
18	76.13 0.0 0.0	70.82 0.0 0.0	-5.3 0.0 0.0	0.0 0.0 0.0	5.31
19	82.55 0.0 0.0	75.07 0.0 0.0	-7.48 0.0 0.0	0.0 0.0 0.0	7.49
20	88.98 0.0 0.0	83.12 0.0 0.0	-5.85 0.0 0.0	0.0 0.0 0.0	5.86
21	95.41 0.0 0.0	95.41 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01

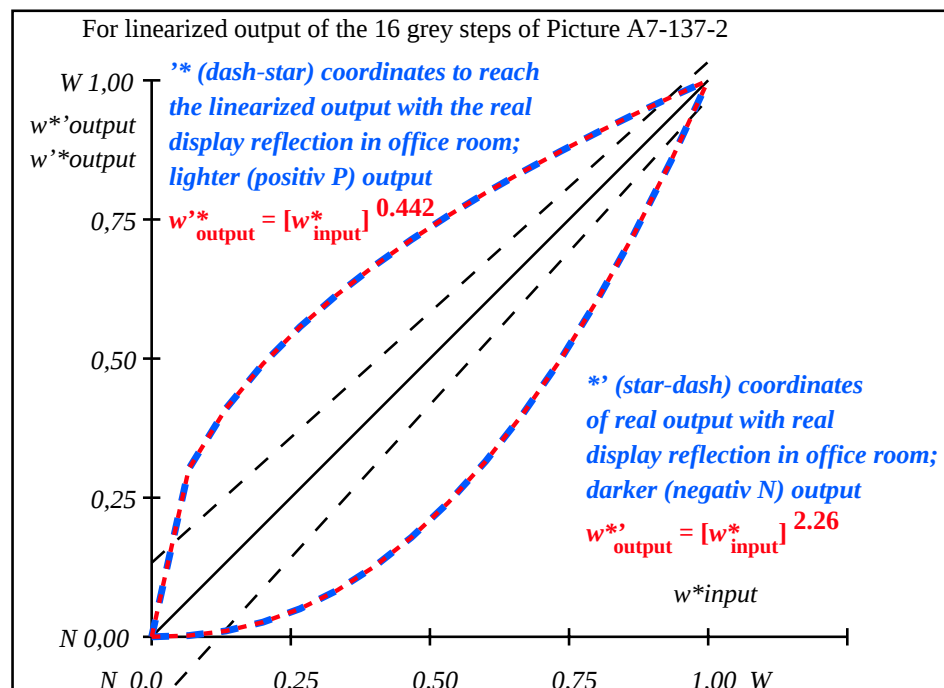
Start output S1
Specification according to
ISO/IEC 15775 Annex G
and DIN 33866-1 Annex G

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

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

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

OE970-3N-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE971-3N-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y_{intended}$ (absolute)	69.6/40.3	71.4/42.7	73.1/45.3	74.8/48.0	76.5/50.7	78.2/53.6	79.9/56.6	81.6/59.7	83.4/62.9	85.1/66.2	86.8/69.6	88.5/73.2	90.2/76.8	91.9/80.6	93.6/84.5	95.4/88.5
$w^* w^* w^*$ setrgb $g_N=2.1$																
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	0.003	0.014	0.033	0.062	0.098	0.145	0.201	0.265	0.341	0.426	0.52	0.625	0.74	0.864	1.0

OE740-7N, Picture A7-137-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE97: In-output relation according to ISO 9241-306; 1MR, DEH input: 000n/w/cmy0/rgb (->rgb*_{de})
Viewing Y contrast $Y_W:Y_N=88,9:40$; Y_N range 30 to <60 output 130-2: $g_P=1.0$; $g_N=2.1$

TUB registration: 20110801-OE97/OE97L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta