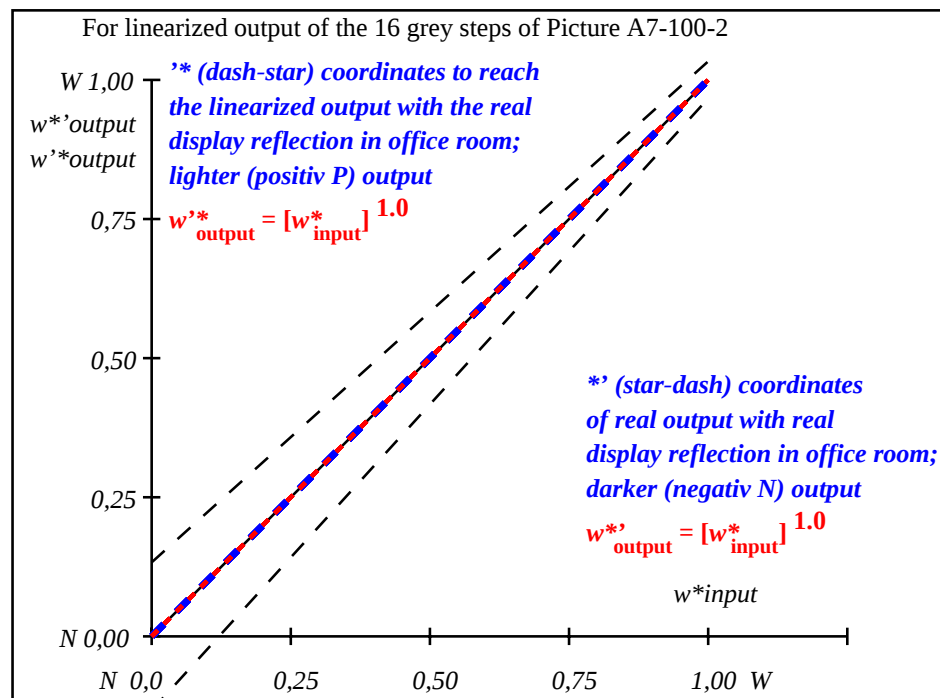


See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB

i	LAB*ref	L*out	LAB*out	LAB*out/c-ref	ΔE^*	Start output S1
1	0.0	0.0	0.0	0.0	0.0	0.01
2	6.36	0.0	0.07	6.36	0.0	0.01
3	12.72	0.0	0.13	12.72	0.0	0.01
4	19.08	0.0	0.2	19.08	0.0	0.01
5	25.44	0.0	0.27	25.44	0.0	0.01
6	31.8	0.0	0.33	31.8	0.0	0.01
7	38.16	0.0	0.4	38.16	0.0	0.01
8	44.52	0.0	0.47	44.52	0.0	0.01
9	50.89	0.0	0.53	50.89	0.0	0.01
10	57.25	0.0	0.6	57.25	0.0	0.01
11	63.61	0.0	0.67	63.61	0.0	0.01
12	69.97	0.0	0.73	69.97	0.0	0.01
13	76.33	0.0	0.8	76.33	0.0	0.01
14	82.69	0.0	0.87	82.69	0.0	0.01
15	89.05	0.0	0.93	89.05	0.0	0.01
16	95.41	0.0	1.0	95.41	0.0	0.01
17	0.0	0.0	0.0	0.0	0.0	0.01
18	23.85	0.0	0.25	23.85	0.0	0.01
19	47.71	0.0	0.5	47.71	0.0	0.01
20	71.56	0.0	0.75	71.56	0.0	0.01
21	95.41	0.0	1.0	95.41	0.0	0.01
Mean lightness difference (16 steps)						$\Delta E^*_{\text{CIELAB}} = 0.0$
Mean lightness difference (5 steps)						$\Delta L^*_{\text{CIELAB}} = 0.0$
Mean colour reproduction index:						$R^*_{\text{ab,m}} = 100$

OE540-3N-100-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE541-3N-100-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{\text{intended}}$ (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
$000n^*$ setcmk $g_P=1.0$ 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
$w^* = [L^*_{\text{CIELAB}}]^r$ (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

OE540-7N, Picture A7-100-2: 16 visual equidistant L^* -grey steps; PS operator: $000n^*$ setcmkcolor

OE54: In-output relation according to ISO 9241-306; 1MR, DH
Viewing Y contrast $Y_W:Y_N=88,9:0,31$; Y_N range 0,0 to <0,46

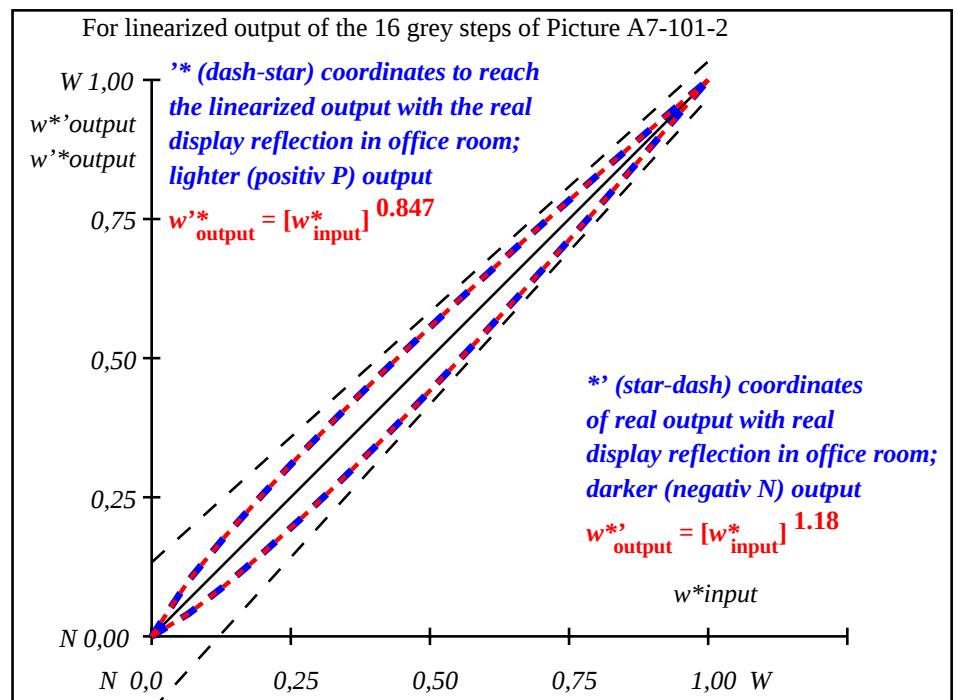
input: all ($\rightarrow \text{rgb}^*_d$) setrgbcolor
output 130-2: $g_P=1.0$; $g_N=1.0$

TUB registration: 20110801-OE54/OE54L0NA.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

i	LAB*ref	L*out	LAB*out	LAB*out/c-ref	ΔE*	Start output S1
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	Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G
2	11.67 0.0 0.0	0.08 13.02 0.0 0.0	13.02 0.0 0.0	1.35 0.0 0.0	1.35	
3	17.65 0.0 0.0	0.16 19.6 0.0 0.0	19.6 0.0 0.0	1.95 0.0 0.0	1.95	
4	23.63 0.0 0.0	0.23 25.94 0.0 0.0	25.94 0.0 0.0	2.3 0.0 0.0	2.3	
5	29.62 0.0 0.0	0.29 32.11 0.0 0.0	32.11 0.0 0.0	2.49 0.0 0.0	2.49	
6	35.6 0.0 0.0	0.36 38.17 0.0 0.0	38.17 0.0 0.0	2.57 0.0 0.0	2.57	
7	41.58 0.0 0.0	0.43 44.13 0.0 0.0	44.13 0.0 0.0	2.55 0.0 0.0	2.55	
8	47.56 0.0 0.0	0.49 50.02 0.0 0.0	50.02 0.0 0.0	2.46 0.0 0.0	2.46	
9	53.54 0.0 0.0	0.56 55.85 0.0 0.0	55.85 0.0 0.0	2.31 0.0 0.0	2.31	
10	59.52 0.0 0.0	0.62 61.62 0.0 0.0	61.62 0.0 0.0	2.1 0.0 0.0	2.1	
11	65.5 0.0 0.0	0.69 67.35 0.0 0.0	67.35 0.0 0.0	1.85 0.0 0.0	1.85	
12	71.48 0.0 0.0	0.75 73.03 0.0 0.0	73.03 0.0 0.0	1.55 0.0 0.0	1.55	
13	77.47 0.0 0.0	0.81 78.68 0.0 0.0	78.68 0.0 0.0	1.21 0.0 0.0	1.21	
14	83.45 0.0 0.0	0.88 84.29 0.0 0.0	84.29 0.0 0.0	0.84 0.0 0.0	0.84	
15	89.43 0.0 0.0	0.94 89.86 0.0 0.0	89.86 0.0 0.0	0.43 0.0 0.0	0.43	Mean lightness difference (16 steps)
16	95.41 0.0 0.0	1.0 95.41 0.0 0.0	95.41 0.0 0.0	0.0 0.0 0.0	0.01	ΔE*CIELAB = 1.6
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	0.28 30.58 0.0 0.0	30.58 0.0 0.0	2.46 0.0 0.0	2.46	
19	50.55 0.0 0.0	0.53 52.94 0.0 0.0	52.94 0.0 0.0	2.39 0.0 0.0	2.39	
20	72.98 0.0 0.0	0.77 74.45 0.0 0.0	74.45 0.0 0.0	1.47 0.0 0.0	1.47	Mean lightness difference (5 steps)
21	95.41 0.0 0.0	1.0 95.41 0.0 0.0	95.41 0.0 0.0	0.0 0.0 0.0	0.01	ΔL*CIELAB = 1.3
Mean colour reproduction index:					R* _{ab,m} = 93	

OE540-3N-101-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE541-3N-101-2: 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
0 0 0 n* setcmyk 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*=[*] 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

OE540-7N, Picture A7-101-2: 16 visual equidistant L*-grey steps; PS operator: 0 0 0 n* setcmykcolor

OE54: In-output relation according to ISO 9241-306; 1MR, DH
Viewing Y contrast $Y_W:Y_N=88,9:0,62$; Y_N range 0,46 to <0,93

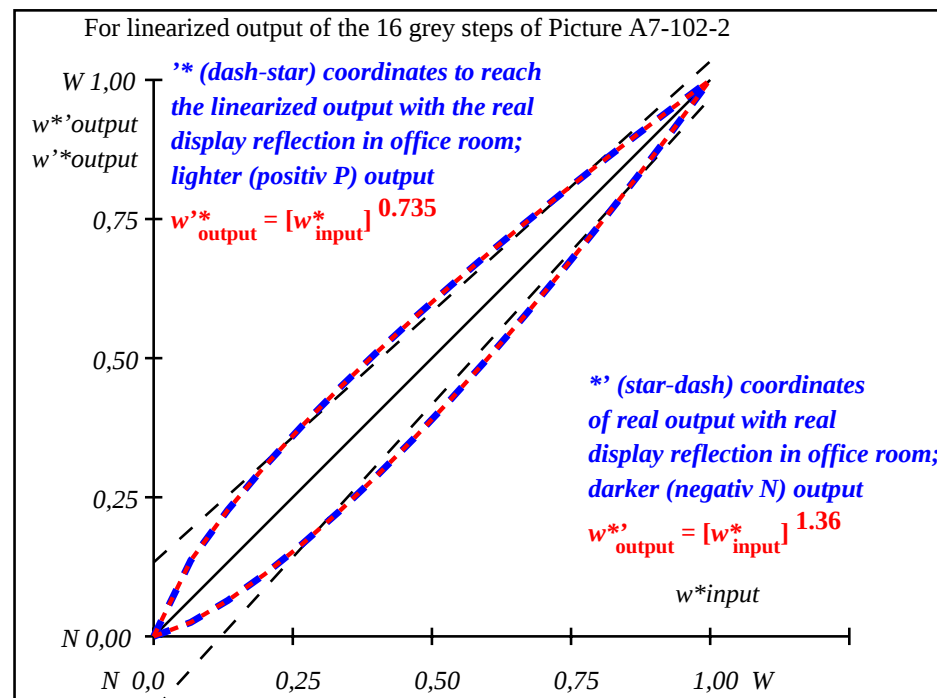
input: all (->rgb*) setrgbcolor
output 131-2: $g_P=0.92$; $g_N=1.0$

TUB registration: 20110801-OE54/OE54L0NA.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

i	LAB*ref	L*out	LAB*out	LAB*out/c-ref	ΔE*	Start output S1
1	10.99 0.0 0.0	0.0 0.0 0.0	10.99 0.0 0.0	0.0 0.0 0.0	0.01	Specification according to
2	16.62 0.0 0.0	0.1 19.44 0.0	0.0 0.0 0.0	2.82 0.0 0.0	2.82	ISO/IEC 15775 Annex G
3	22.25 0.0 0.0	0.18 26.22 0.0	0.0 0.0 0.0	3.97 0.0 0.0	3.97	and DIN 33866-1 Annex G
4	27.88 0.0 0.0	0.25 32.49 0.0	0.0 0.0 0.0	4.61 0.0 0.0	4.61	
5	33.5 0.0 0.0	0.33 38.44 0.0	0.0 0.0 0.0	4.94 0.0 0.0	4.94	
6	39.13 0.0 0.0	0.39 44.17 0.0	0.0 0.0 0.0	5.04 0.0 0.0	5.04	
7	44.76 0.0 0.0	0.46 49.73 0.0	0.0 0.0 0.0	4.98 0.0 0.0	4.98	
8	50.39 0.0 0.0	0.52 55.16 0.0	0.0 0.0 0.0	4.77 0.0 0.0	4.77	
9	56.02 0.0 0.0	0.59 60.47 0.0	0.0 0.0 0.0	4.45 0.0 0.0	4.45	
10	61.64 0.0 0.0	0.65 65.68 0.0	0.0 0.0 0.0	4.03 0.0 0.0	4.03	
11	67.27 0.0 0.0	0.71 70.8 0.0	0.0 0.0 0.0	3.53 0.0 0.0	3.53	
12	72.9 0.0 0.0	0.77 75.85 0.0	0.0 0.0 0.0	2.95 0.0 0.0	2.95	
13	78.53 0.0 0.0	0.83 80.83 0.0	0.0 0.0 0.0	2.3 0.0 0.0	2.3	
14	84.15 0.0 0.0	0.89 85.74 0.0	0.0 0.0 0.0	1.59 0.0 0.0	1.59	
15	89.78 0.0 0.0	0.94 90.6 0.0	0.0 0.0 0.0	0.82 0.0 0.0	0.82	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 0.0	0.01	ΔE*CIELAB = 3.2
17	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	
18	32.1 0.0 0.0	0.31 36.98 0.0	0.0 0.0 0.0	4.88 0.0 0.0	4.88	
19	53.2 0.0 0.0	0.55 57.83 0.0	0.0 0.0 0.0	4.62 0.0 0.0	4.62	
20	74.31 0.0 0.0	0.78 77.1 0.0	0.0 0.0 0.0	2.79 0.0 0.0	2.79	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 0.0	0.01	ΔL*CIELAB = 2.5
Mean colour reproduction index:					R* _{ab,m} = 86	

OE540-3N-102-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE541-3N-102-2: 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
0 0 0 n* setcmyk 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
$w^* = [L^*_{\text{CIELAB}}]^{1/r}$ (relative)	0.000	0.067	0.133	0.200	0.267	0.333	0.400	0.467	0.533	0.600	0.667	0.733	0.800	0.867	0.933	1.000
w^*_{intended}	0.000	0.067	0.133	0.200	0.267	0.333	0.400	0.467	0.533	0.600	0.667	0.733	0.800	0.867	0.933	1.000
w^*_{out}	0.0	0.1	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

OE540-7N, Picture A7-102-2: 16 visual equidistant L*-grey steps; PS operator: 0 0 0 n* setcmykcolor

OE54: In-output relation according to ISO 9241-306; 1MR, DH
Viewing Y contrast $Y_W:Y_N=88,9:1,25$; Y_N range 0,93 to <1,87

input: all (->rgb*) setrgbcOLOR
output 132-2: g_p=0.85; g_N=1.0

TUB registration: 20110801-OE54/OE54L0NA.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

i	LAB*ref	L*out	LAB*out	LAB*out/c-ref	ΔE^*
1	18.01 0.0 0.0	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	0.12 27.5 0.0	0.0 0.0 0.0	4.33 0.0 0.0	4.33
3	28.33 0.0 0.0	0.21 34.25 0.0	0.0 0.0 0.0	5.92 0.0 0.0	5.92
4	33.49 0.0 0.0	0.29 40.24 0.0	0.0 0.0 0.0	6.76 0.0 0.0	6.76
5	38.65 0.0 0.0	0.36 45.8 0.0	0.0 0.0 0.0	7.15 0.0 0.0	7.15
6	43.81 0.0 0.0	0.43 51.04 0.0	0.0 0.0 0.0	7.23 0.0 0.0	7.23
7	48.97 0.0 0.0	0.49 56.06 0.0	0.0 0.0 0.0	7.09 0.0 0.0	7.09
8	54.13 0.0 0.0	0.55 60.89 0.0	0.0 0.0 0.0	6.76 0.0 0.0	6.76
9	59.29 0.0 0.0	0.61 65.56 0.0	0.0 0.0 0.0	6.27 0.0 0.0	6.27
10	64.45 0.0 0.0	0.67 70.11 0.0	0.0 0.0 0.0	5.66 0.0 0.0	5.66
11	69.61 0.0 0.0	0.73 74.54 0.0	0.0 0.0 0.0	4.93 0.0 0.0	4.93
12	74.77 0.0 0.0	0.79 78.87 0.0	0.0 0.0 0.0	4.1 0.0 0.0	4.1
13	79.93 0.0 0.0	0.84 83.12 0.0	0.0 0.0 0.0	3.19 0.0 0.0	3.19
14	85.09 0.0 0.0	0.9 87.28 0.0	0.0 0.0 0.0	2.19 0.0 0.0	2.2
15	90.25 0.0 0.0	0.95 91.38 0.0	0.0 0.0 0.0	1.13 0.0 0.0	1.13
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	0.34 44.44 0.0	0.0 0.0 0.0	7.08 0.0 0.0	7.08
19	56.71 0.0 0.0	0.58 63.24 0.0	0.0 0.0 0.0	6.53 0.0 0.0	6.53
20	76.06 0.0 0.0	0.8 79.94 0.0	0.0 0.0 0.0	3.88 0.0 0.0	3.88
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

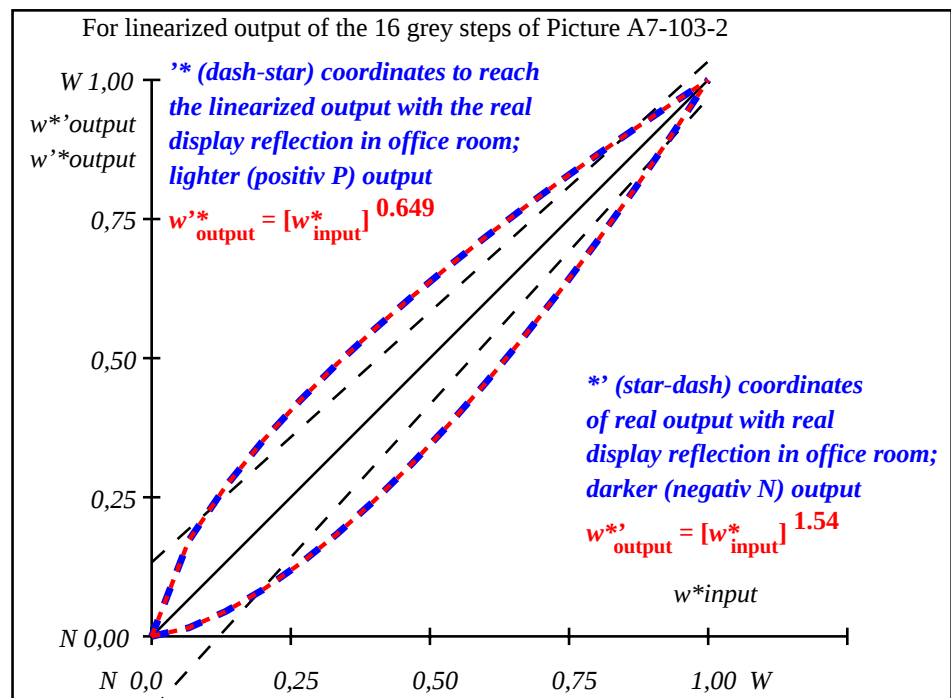
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

Mean lightness difference (16 steps) $\Delta E^*_{\text{CIELAB}} = 4.5$

Mean lightness difference (5 steps) $\Delta L^*_{\text{CIELAB}} = 3.5$

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

OE540-3N-103-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE541-3N-103-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{\text{intended}}$ (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
$0\ 0\ 0\ n^*$ setcmyk $g_p=0.78$ 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
$w^* = [L^*_{\text{CIELAB}}]^{1/r}$ (relative)	0.000	0.067	0.133	0.200	0.267	0.333	0.400	0.467	0.533	0.600	0.667	0.733	0.800	0.867	0.933	1.000
w^*_{intended}	0.000	0.067	0.133	0.200	0.267	0.333	0.400	0.467	0.533	0.600	0.667	0.733	0.800	0.867	0.933	1.000
w^*_{out}	0.0	0.123	0.209	0.287	0.359	0.426	0.492	0.554	0.614	0.673	0.731	0.786	0.841	0.895	0.948	1.0

OE540-7N, Picture A7-103-2: 16 visual equidistant L^* -grey steps; PS operator: $0\ 0\ 0\ n^*$ setcmykcolor

OE54: In-output relation according to ISO 9241-306; 1MR, DH
Viewing Y contrast $Y_W:Y_N=88,9:2,5$; Y_N range 1,87 to <3,75

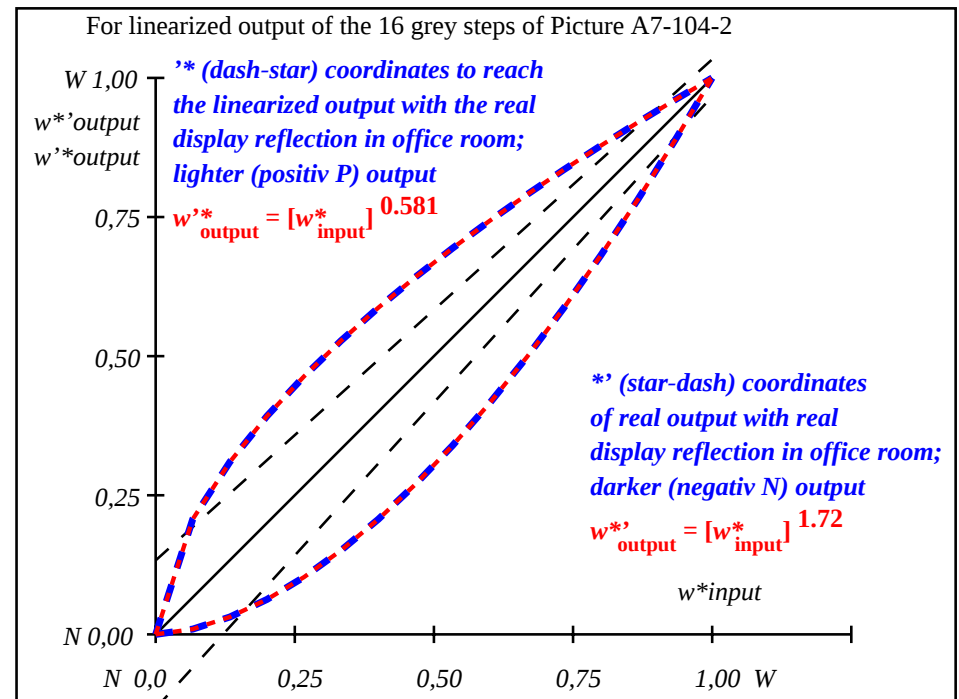
input: all ($\rightarrow rgb^*_d$) setrgbcOLOR
output 133-2: $g_p=0.77$; $g_N=1.0$

TUB registration: 20110801-OE54/OE54L0NA.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

i	LAB*ref	L*out	LAB*out	LAB*out/c-ref	ΔE*	Start output S1
1	26.85 0.0 0.0	0.0	26.85 0.0 0.0	0.0 0.0 0.0	0.01	Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G
2	31.42 0.0 0.0	0.15	37.15 0.0 0.0	5.73 0.0 0.0	5.73	
3	35.99 0.0 0.0	0.24	43.58 0.0 0.0	7.59 0.0 0.0	7.59	
4	40.56 0.0 0.0	0.32	49.07 0.0 0.0	8.51 0.0 0.0	8.51	
5	45.13 0.0 0.0	0.4	54.03 0.0 0.0	8.9 0.0 0.0	8.9	
6	49.7 0.0 0.0	0.46	58.62 0.0 0.0	8.92 0.0 0.0	8.92	
7	54.27 0.0 0.0	0.53	62.95 0.0 0.0	8.68 0.0 0.0	8.68	
8	58.84 0.0 0.0	0.59	67.06 0.0 0.0	8.22 0.0 0.0	8.22	
9	63.41 0.0 0.0	0.64	71.0 0.0 0.0	7.59 0.0 0.0	7.59	
10	67.99 0.0 0.0	0.7	74.8 0.0 0.0	6.81 0.0 0.0	6.81	
11	72.56 0.0 0.0	0.75	78.47 0.0 0.0	5.91 0.0 0.0	5.91	
12	77.13 0.0 0.0	0.8	82.03 0.0 0.0	4.9 0.0 0.0	4.9	
13	81.7 0.0 0.0	0.86	85.5 0.0 0.0	3.8 0.0 0.0	3.8	
14	86.27 0.0 0.0	0.9	88.87 0.0 0.0	2.61 0.0 0.0	2.61	
15	90.84 0.0 0.0	0.95	92.18 0.0 0.0	1.34 0.0 0.0	1.34	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	0.01	ΔE* _{CIELAB} = 5.6
17	26.85 0.0 0.0	0.0	26.85 0.0 0.0	0.0 0.0 0.0	0.01	
18	43.99 0.0 0.0	0.38	52.83 0.0 0.0	8.84 0.0 0.0	8.84	
19	61.13 0.0 0.0	0.62	69.05 0.0 0.0	7.92 0.0 0.0	7.92	
20	78.27 0.0 0.0	0.82	82.9 0.0 0.0	4.64 0.0 0.0	4.64	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	0.01	ΔL* _{CIELAB} = 4.3
Mean colour reproduction index:					R* _{ab,m} = 76	

OE540-3N-104-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE541-3N-104-2: 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
0 0 0 n* setcmyk																
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*=[*] _{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

OE540-7N, Picture A7-104-2: 16 visual equidistant L*-grey steps; PS operator: 0 0 0 n* setcmykcolor

OE54: In-output relation according to ISO 9241-306; 1MR, DH
Viewing Y contrast Y_W:Y_N=88,9:5; Y_N range 3,75 to <7,5

input: all (->rgb_d) setrgbcolor
output 134-2: g_p=0.7; g_N=1.0

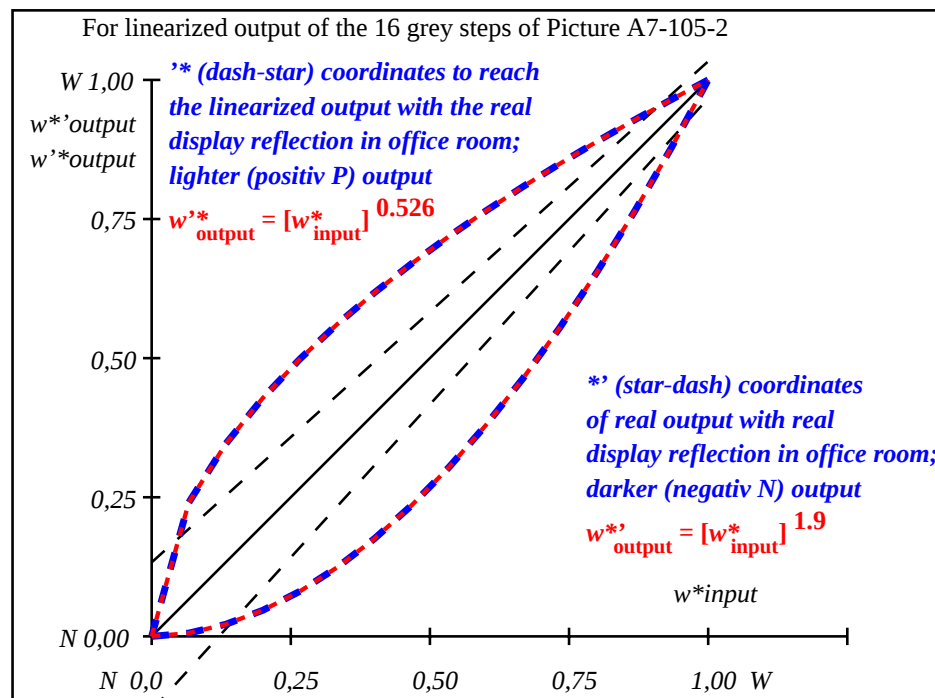
TUB registration: 20110801-OE54/OE54L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta

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

i	LAB*ref	L*out	LAB*out	LAB*out/c-ref	ΔE^*
1	37.99 0.0 0.0	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	0.18 48.55 0.0 0.0	6.74 0.0 0.0	6.74	0.0 0.0 6.74
3	45.64 0.0 0.0	0.28 54.29 0.0 0.0	8.64 0.0 0.0	8.64	0.0 0.0 8.64
4	49.47 0.0 0.0	0.37 58.99 0.0 0.0	9.52 0.0 0.0	9.52	0.0 0.0 9.52
5	53.3 0.0 0.0	0.44 63.12 0.0 0.0	9.82 0.0 0.0	9.82	0.0 0.0 9.82
6	57.13 0.0 0.0	0.5 66.89 0.0 0.0	9.76 0.0 0.0	9.76	0.0 0.0 9.76
7	60.96 0.0 0.0	0.56 70.37 0.0 0.0	9.42 0.0 0.0	9.42	0.0 0.0 9.42
8	64.78 0.0 0.0	0.62 73.65 0.0 0.0	8.87 0.0 0.0	8.87	0.0 0.0 8.87
9	68.61 0.0 0.0	0.68 76.75 0.0 0.0	8.14 0.0 0.0	8.14	0.0 0.0 8.14
10	72.44 0.0 0.0	0.73 79.71 0.0 0.0	7.27 0.0 0.0	7.27	0.0 0.0 7.27
11	76.27 0.0 0.0	0.78 82.56 0.0 0.0	6.29 0.0 0.0	6.29	0.0 0.0 6.29
12	80.1 0.0 0.0	0.82 85.29 0.0 0.0	5.19 0.0 0.0	5.19	0.0 0.0 5.19
13	83.93 0.0 0.0	0.87 87.93 0.0 0.0	4.01 0.0 0.0	4.01	0.0 0.0 4.01
14	87.75 0.0 0.0	0.91 90.5 0.0 0.0	2.74 0.0 0.0	2.74	0.0 0.0 2.74
15	91.58 0.0 0.0	0.96 92.99 0.0 0.0	1.4 0.0 0.0	1.4	0.0 0.0 1.4
16	95.41 0.0 0.0	1.0 95.41 0.0 0.0	0.0 0.0 0.0	0.01	$\Delta E^*_{\text{CIELAB}} = 6.1$
17	37.99 0.0 0.0	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	0.42 62.13 0.0 0.0	9.79 0.0 0.0	9.79	0.0 0.0 9.79
19	66.7 0.0 0.0	0.65 75.22 0.0 0.0	8.52 0.0 0.0	8.52	0.0 0.0 8.52
20	81.05 0.0 0.0	0.84 85.96 0.0 0.0	4.91 0.0 0.0	4.91	0.0 0.0 4.91
21	95.41 0.0 0.0	1.0 95.41 0.0 0.0	0.0 0.0 0.0	0.01	$\Delta E^*_{\text{CIELAB}} = 4.6$

Mean lightness difference (16 steps)
Mean lightness difference (5 steps)
Mean colour reproduction index: $R^*_{ab,m} = 73$

OE540-3N-105-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE541-3N-105-2: 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
$000n^*$ setcmk $g_p=0.63$ 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
$w^* = [L^*_{\text{CIELAB}, r}]$ (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	0.185	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

OE540-7N, Picture A7-105-2: 16 visual equidistant L^* -grey steps; PS operator: $000n^*$ setcmkcolor

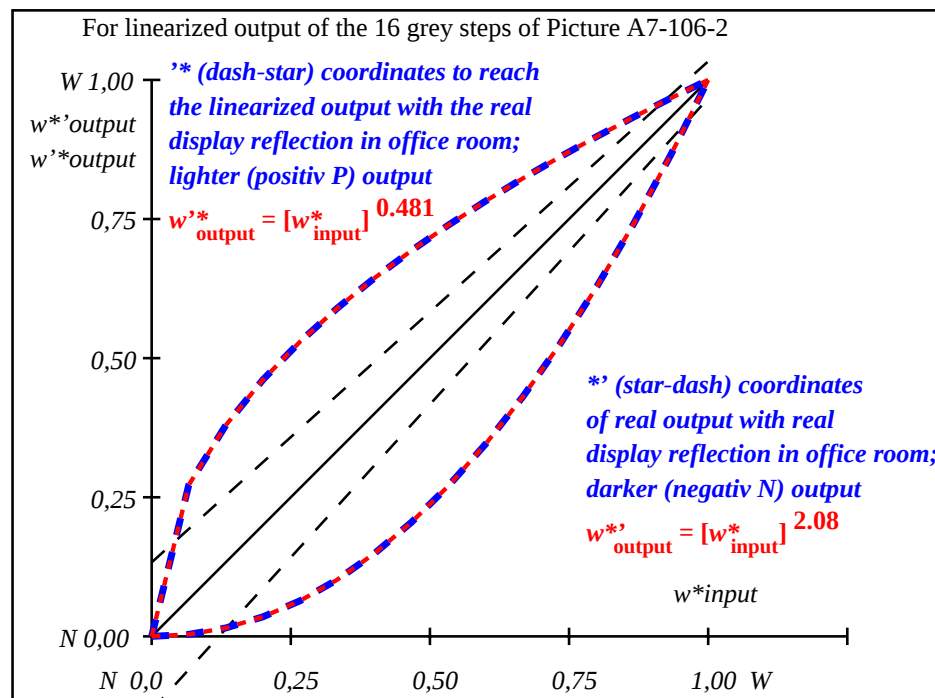
OE54: In-output relation according to ISO 9241-306; 1MR, DH
Viewing Y contrast $Y_W:Y_N=88,9:10$; Y_N range 7,5 to <15

input: all ($\rightarrow rgb_d$) setrgbcolor
output 135-2: $g_p=0.62$; $g_N=1.0$

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

i	LAB*ref	L*out	LAB*out	LAB*out/c-ref	ΔE*	Start output S1
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	Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G
2	54.91 0.0 0.0	0.23 61.8 0.0	0.0 0.0 0.0	6.89 0.0 0.0	6.89	
3	57.8 0.0 0.0	0.33 66.34 0.0	0.0 0.0 0.0	8.54 0.0 0.0	8.54	
4	60.7 0.0 0.0	0.41 69.92 0.0	0.0 0.0 0.0	9.23 0.0 0.0	9.23	
5	63.59 0.0 0.0	0.48 72.99 0.0	0.0 0.0 0.0	9.4 0.0 0.0	9.4	
6	66.48 0.0 0.0	0.55 75.73 0.0	0.0 0.0 0.0	9.25 0.0 0.0	9.25	
7	69.37 0.0 0.0	0.6 78.23 0.0	0.0 0.0 0.0	8.86 0.0 0.0	8.86	
8	72.27 0.0 0.0	0.66 80.55 0.0	0.0 0.0 0.0	8.28 0.0 0.0	8.28	
9	75.16 0.0 0.0	0.71 82.73 0.0	0.0 0.0 0.0	7.57 0.0 0.0	7.57	
10	78.05 0.0 0.0	0.76 84.78 0.0	0.0 0.0 0.0	6.73 0.0 0.0	6.73	
11	80.95 0.0 0.0	0.8 86.74 0.0	0.0 0.0 0.0	5.79 0.0 0.0	5.79	
12	83.84 0.0 0.0	0.84 88.6 0.0	0.0 0.0 0.0	4.77 0.0 0.0	4.77	
13	86.73 0.0 0.0	0.88 90.4 0.0	0.0 0.0 0.0	3.67 0.0 0.0	3.67	
14	89.62 0.0 0.0	0.92 92.13 0.0	0.0 0.0 0.0	2.5 0.0 0.0	2.5	
15	92.52 0.0 0.0	0.96 93.79 0.0	0.0 0.0 0.0	1.28 0.0 0.0	1.28	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 0.0	0.01	ΔE*CIELAB = 5.8
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	0.47 72.26 0.0	0.0 0.0 0.0	9.4 0.0 0.0	9.4	
19	73.71 0.0 0.0	0.68 81.66 0.0	0.0 0.0 0.0	7.94 0.0 0.0	7.94	
20	84.56 0.0 0.0	0.85 89.06 0.0	0.0 0.0 0.0	4.5 0.0 0.0	4.5	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 0.0	0.01	ΔL*CIELAB = 4.4
Mean colour reproduction index:					R* _{ab,m} = 75	

OE540-3N-106-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE541-3N-106-2: 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
0 0 0 n* setcmyk 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*=[*] CIELAB, r (relative)																
w* _{intended}	0,000	0,067	0,133	0,200	0,267	0,333	0,400	0,467	0,533	0,600	0,667	0,733	0,800	0,867	0,933	1,000
w* _{out}	0,0	0,226	0,33	0,413	0,484	0,546	0,604	0,658	0,707	0,755	0,8	0,843	0,885	0,925	0,963	1,0

OE540-7N, Picture A7-106-2: 16 visual equidistant L*-grey steps; PS operator: 0 0 0 n* setcmykcolor

OE54: In-output relation according to ISO 9241-306; 1MR, DH
Viewing Y contrast $Y_W:Y_N=88,9:20$; Y_N range 15 to <30

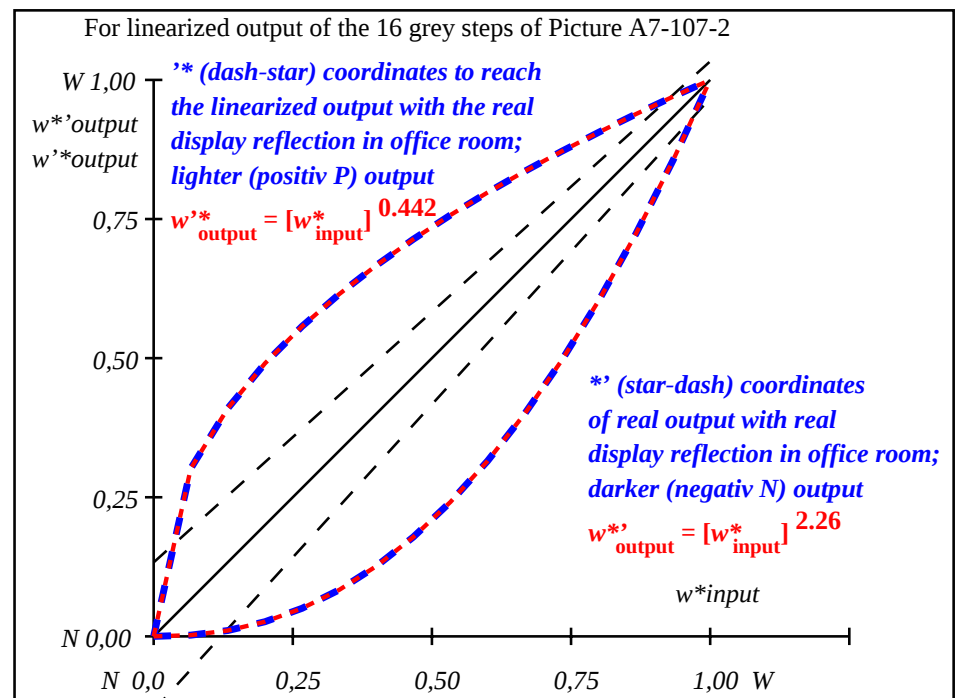
input: all (->rgb*) setrgbcolor
output 136-2: $g_P=0.55$; $g_N=1.0$

TUB registration: 20110801-OE54/OE54L0NA.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

i	LAB*ref	L*out	LAB*out	LAB*out/c-ref	ΔE*	Start output S1
1	69.7 0.0 0.0	0.0 0.0 0.0	69.7 0.0 0.0	0.0 0.0 0.0	0.01	Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G
2	71.41 0.0 0.0	0.28 76.8 0.0 0.0	5.39 0.0 0.0	5.39		
3	73.13 0.0 0.0	0.38 79.57 0.0 0.0	6.45 0.0 0.0	6.45		
4	74.84 0.0 0.0	0.47 81.67 0.0 0.0	6.83 0.0 0.0	6.83		
5	76.55 0.0 0.0	0.53 83.42 0.0 0.0	6.87 0.0 0.0	6.87		
6	78.27 0.0 0.0	0.59 84.96 0.0 0.0	6.69 0.0 0.0	6.69		
7	79.98 0.0 0.0	0.65 86.34 0.0 0.0	6.35 0.0 0.0	6.35		
8	81.7 0.0 0.0	0.7 87.6 0.0 0.0	5.9 0.0 0.0	5.9		
9	83.41 0.0 0.0	0.74 88.77 0.0 0.0	5.36 0.0 0.0	5.36		
10	85.12 0.0 0.0	0.78 89.87 0.0 0.0	4.75 0.0 0.0	4.75		
11	86.84 0.0 0.0	0.82 90.91 0.0 0.0	4.07 0.0 0.0	4.07		
12	88.55 0.0 0.0	0.86 91.89 0.0 0.0	3.33 0.0 0.0	3.33		
13	90.27 0.0 0.0	0.9 92.82 0.0 0.0	2.56 0.0 0.0	2.56		
14	91.98 0.0 0.0	0.93 93.72 0.0 0.0	1.74 0.0 0.0	1.74		
15	93.7 0.0 0.0	0.97 94.58 0.0 0.0	0.89 0.0 0.0	0.89	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	0.01	ΔE* _{CIELAB} = 4.2	
17	69.7 0.0 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	0.52 83.01 0.0 0.0	6.88 0.0 0.0	6.88		
19	82.55 0.0 0.0	0.72 88.2 0.0 0.0	5.64 0.0 0.0	5.64		
20	88.98 0.0 0.0	0.87 92.13 0.0 0.0	3.14 0.0 0.0	3.14	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	0.01	ΔL* _{CIELAB} = 3.1	
Mean colour reproduction index:					R* _{ab,m} = 82	

OE540-3N-107-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE541-3N-107-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

L^*/Y_{intended} (absolute)	69.7/40.3	71.4/42.8	73.1/45.4	74.8/48.0	76.6/50.8	78.3/53.7	80.0/56.6	81.7/59.7	83.4/62.9	85.1/66.3	86.8/69.7	88.6/73.2	90.3/76.9	92.0/80.7	93.7/84.6	95.4/88.6
0 0 0 n* setcmyk																
$g_p=0.48$																
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
$w^* = [L^*_{\text{CIELAB}, r}]$ (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	0.277	0.384	0.466	0.534	0.593	0.647	0.697	0.742	0.785	0.825	0.863	0.899	0.934	0.968	1.0

OE540-7N, Picture A7-107-2: 16 visual equidistant L^* -grey steps; PS operator: 0 0 0 n* setcmykcolor

OE54: In-output relation according to ISO 9241-306; 1MR, DH
Viewing Y contrast $Y_W:Y_N=88,9:40$; Y_N range 30 to <60

input: all ($\rightarrow rgb^*_d$) setrgbcolor
output 137-2: $g_p=0.47$; $g_N=1.0$

TUB registration: 20110801-OE54/OE54L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta