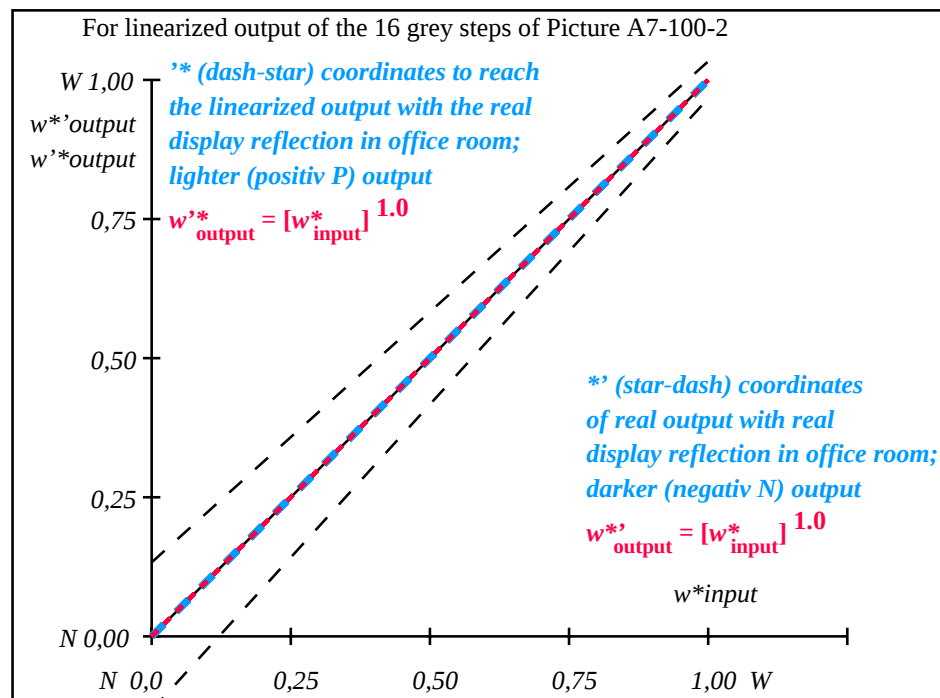


See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB

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:						$R^*_{\text{ab,m}} = 100$

OE640-3N-100-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE641-3N-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
0 0 0 n* setcmyk $g_P=1.0$ 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
$w^* = [L^*_{\text{CIELAB}}]^{1/r}$ (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

OE640-7N, Picture A7-100-2: 16 visual equidistant L^* -grey steps; PS operator: 0 0 0 n* setcmykcolor

OE64: 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

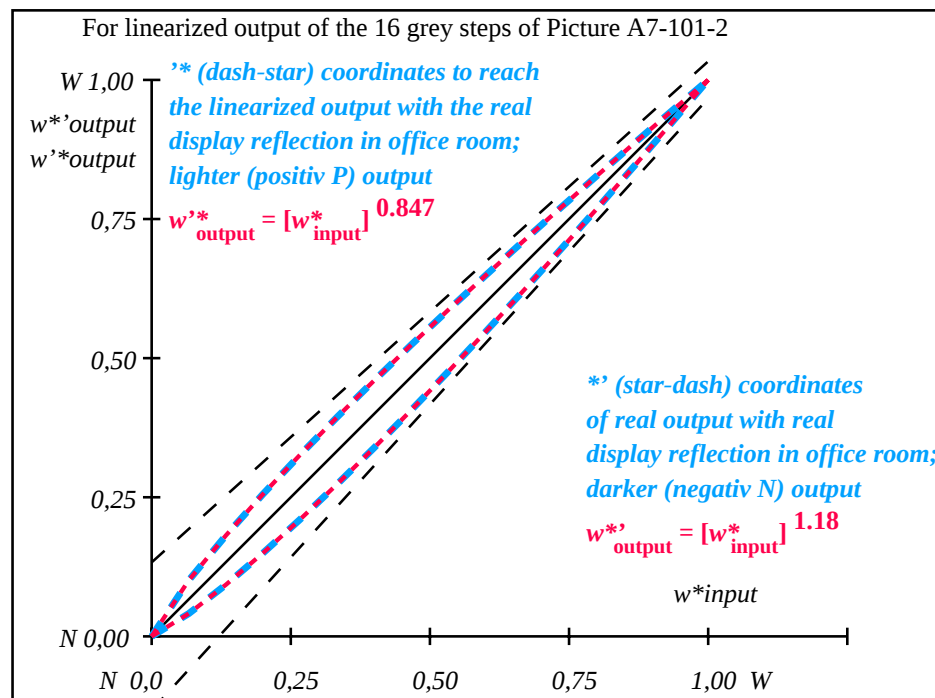
input: all ($\rightarrow \text{rgb}^*_{\text{de}}$) setrgbcolor
output 130-2: $g_P=1.0$; $g_N=1.0$

TUB registration: 20110801-OE64/OE64L0NA.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
2	11.67 0.0 0.0	0.1 14.73 0.0	0.0 3.06 0.0	0.0 3.06 0.0	3.06	ISO/IEC 15775 Annex G
3	17.65 0.0 0.0	0.18 21.96 0.0	0.0 4.3 0.0	0.0 4.3 0.0	4.3	and DIN 33866-1 Annex G
4	23.63 0.0 0.0	0.26 28.63 0.0	0.0 4.99 0.0	0.0 4.99 0.0	4.99	
5	29.62 0.0 0.0	0.33 34.96 0.0	0.0 5.34 0.0	0.0 5.34 0.0	5.34	
6	35.6 0.0 0.0	0.39 41.05 0.0	0.0 5.46 0.0	0.0 5.46 0.0	5.46	
7	41.58 0.0 0.0	0.46 46.96 0.0	0.0 5.38 0.0	0.0 5.38 0.0	5.38	
8	47.56 0.0 0.0	0.52 52.72 0.0	0.0 5.16 0.0	0.0 5.16 0.0	5.16	
9	53.54 0.0 0.0	0.59 58.36 0.0	0.0 4.82 0.0	0.0 4.82 0.0	4.82	
10	59.52 0.0 0.0	0.65 63.88 0.0	0.0 4.36 0.0	0.0 4.36 0.0	4.36	
11	65.5 0.0 0.0	0.71 69.32 0.0	0.0 3.82 0.0	0.0 3.82 0.0	3.82	
12	71.48 0.0 0.0	0.77 74.67 0.0	0.0 3.19 0.0	0.0 3.19 0.0	3.19	
13	77.47 0.0 0.0	0.83 79.95 0.0	0.0 2.49 0.0	0.0 2.49 0.0	2.49	
14	83.45 0.0 0.0	0.89 85.16 0.0	0.0 1.72 0.0	0.0 1.72 0.0	1.72	
15	89.43 0.0 0.0	0.94 90.31 0.0	0.0 0.89 0.0	0.0 0.89 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 0.0 0.0	0.01	ΔE*CIELAB = 3.4
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 5.28 0.0	0.0 5.28 0.0	5.28	
19	50.55 0.0 0.0	0.56 55.55 0.0	0.0 5.0 0.0	0.0 5.0 0.0	5.0	
20	72.98 0.0 0.0	0.78 76.0 0.0	0.0 3.02 0.0	0.0 3.02 0.0	3.02	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 = 2.7
Mean colour reproduction index:					R* _{ab,m} = 85	

OE640-3N-101-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE641-3N-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 =0.85 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*=[*] 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	0.101	0.181	0.256	0.327	0.394	0.46	0.467	0.533	0.600	0.667	0.733	0.800	0.867	0.933	1.0

OE640-7N, Picture A7-101-2: 16 visual equidistant L*-grey steps; PS operator: 0 0 0 n* setcmykcolor

OE64: 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

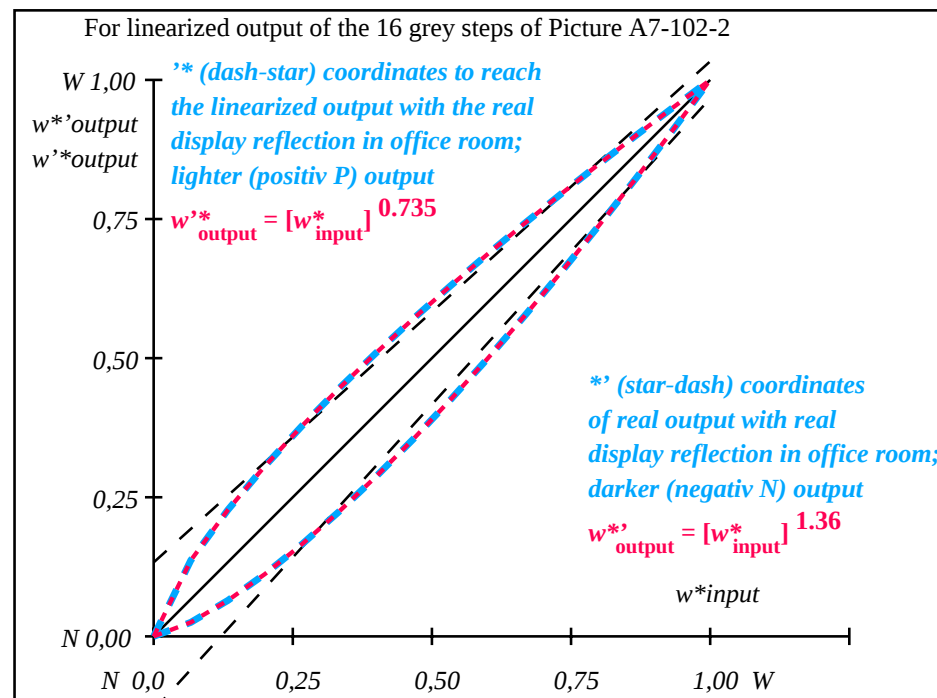
input: all (->rgb*_{de}) setrgbcolor
output 131-2: g_P=0.92; g_N=1.0

TUB registration: 20110801-OE64/OE64L0NA.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 10.99 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	16.62 0.0 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	0.23 30.18 0.0 0.0	7.93 0.0 0.0	7.93		
4	27.88 0.0 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	0.38 42.93 0.0 0.0	9.43 0.0 0.0	9.43		
6	39.13 0.0 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	0.51 54.03 0.0 0.0	9.27 0.0 0.0	9.27		
8	50.39 0.0 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	0.63 64.17 0.0 0.0	8.15 0.0 0.0	8.15		
10	61.64 0.0 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	0.74 73.65 0.0 0.0	6.38 0.0 0.0	6.38		
12	72.9 0.0 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	0.85 82.64 0.0 0.0	4.11 0.0 0.0	4.11		
14	84.15 0.0 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	0.95 91.23 0.0 0.0	1.45 0.0 0.0	1.45		
16	95.41 0.0 0.0	1.0 95.41 0.0 0.0	0.0 0.0 0.0	0.01	Mean lightness difference (16 steps)	
17	10.99 0.0 0.0	0.0 10.99 0.0 0.0	0.0 0.0 0.0	0.01	ΔE*CIELAB = 6.0	
18	32.1 0.0 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	0.6 61.7 0.0 0.0	8.5 0.0 0.0	8.5		
20	74.31 0.0 0.0	0.81 79.32 0.0 0.0	5.01 0.0 0.0	5.01	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 = 4.6	
Mean colour reproduction index:					R* _{ab,m} = 74	

OE640-3N-102-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE641-3N-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 =0.74 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	0.137	0.227	0.306	0.379	0.446	0.51	0.467	0.533	0.600	0.667	0.733	0.800	0.867	0.933	1.0

OE640-7N, Picture A7-102-2: 16 visual equidistant L*-grey steps; PS operator: 0 0 0 n* setcmykcolor

OE64: 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

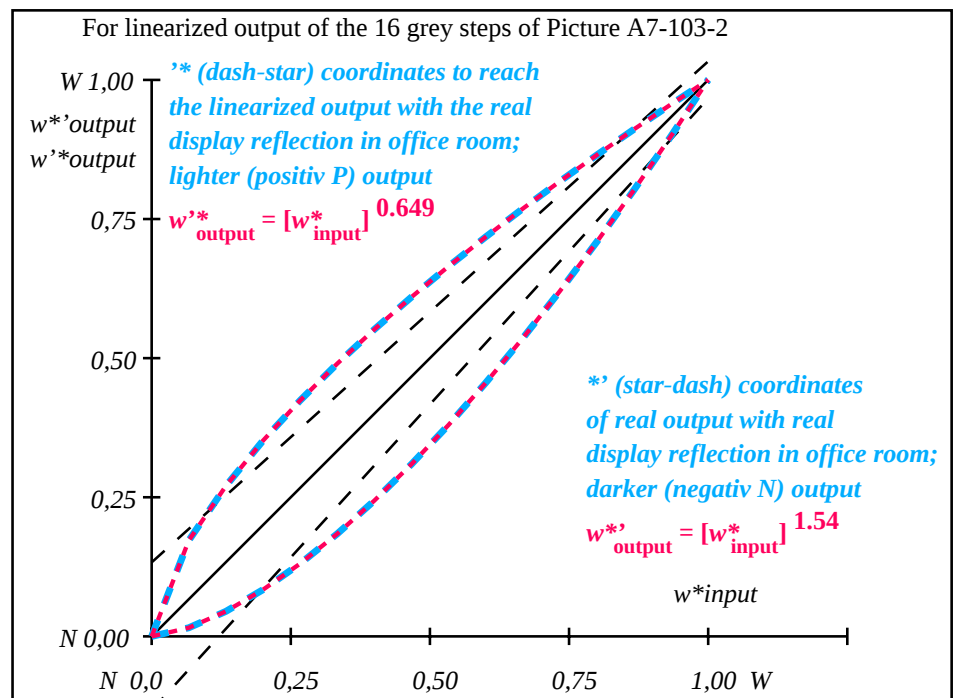
input: all (->rgb*_{de}) setrgbcolor
output 132-2: g_P=0.85; g_N=1.0

TUB registration: 20110801-OE64/OE64L0NA.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	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	Specification according to
2	23.17 0.0 0.0	0.17 31.35 0.0	0.0 8.18 0.0	0.0 8.18 0.0	8.18	ISO/IEC 15775 Annex G
3	28.33 0.0 0.0	0.27 38.93 0.0	0.0 10.6 0.0	0.0 10.6 0.0	10.6	and DIN 33866-1 Annex G
4	33.49 0.0 0.0	0.35 45.23 0.0	0.0 11.74 0.0	0.0 11.74 0.0	11.74	
5	38.65 0.0 0.0	0.42 50.82 0.0	0.0 12.17 0.0	0.0 12.17 0.0	12.17	
6	43.81 0.0 0.0	0.49 55.93 0.0	0.0 12.12 0.0	0.0 12.12 0.0	12.12	
7	48.97 0.0 0.0	0.55 60.7 0.0	0.0 11.73 0.0	0.0 11.73 0.0	11.73	
8	54.13 0.0 0.0	0.61 65.2 0.0	0.0 11.07 0.0	0.0 11.07 0.0	11.07	
9	59.29 0.0 0.0	0.66 69.47 0.0	0.0 10.18 0.0	0.0 10.18 0.0	10.18	
10	64.45 0.0 0.0	0.72 73.56 0.0	0.0 9.11 0.0	0.0 9.11 0.0	9.11	
11	69.61 0.0 0.0	0.77 77.49 0.0	0.0 7.88 0.0	0.0 7.88 0.0	7.88	
12	74.77 0.0 0.0	0.82 81.29 0.0	0.0 6.52 0.0	0.0 6.52 0.0	6.52	
13	79.93 0.0 0.0	0.87 84.97 0.0	0.0 5.04 0.0	0.0 5.04 0.0	5.04	
14	85.09 0.0 0.0	0.91 88.54 0.0	0.0 3.45 0.0	0.0 3.45 0.0	3.45	
15	90.25 0.0 0.0	0.96 92.02 0.0	0.0 1.77 0.0	0.0 1.77 0.0	1.77	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 = 7.6
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 12.11 0.0	0.0 12.11 0.0	12.11	
19	56.71 0.0 0.0	0.64 67.36 0.0	0.0 10.65 0.0	0.0 10.65 0.0	10.65	
20	76.06 0.0 0.0	0.83 82.22 0.0	0.0 6.16 0.0	0.0 6.16 0.0	6.16	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 = 5.8
Mean colour reproduction index:					R* _{ab,m} = 67	

OE640-3N-103-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE641-3N-103-2: 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
0 0 0 n* setcmyk g _p =0.65 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	0.173	0.27	0.352	0.424	0.49	0.552	0.61	0.665	0.718	0.769	0.817	0.865	0.911	0.956	1.0

OE640-7N, Picture A7-103-2: 16 visual equidistant L*-grey steps; PS operator: 0 0 0 n* setcmykcolor

OE64: 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

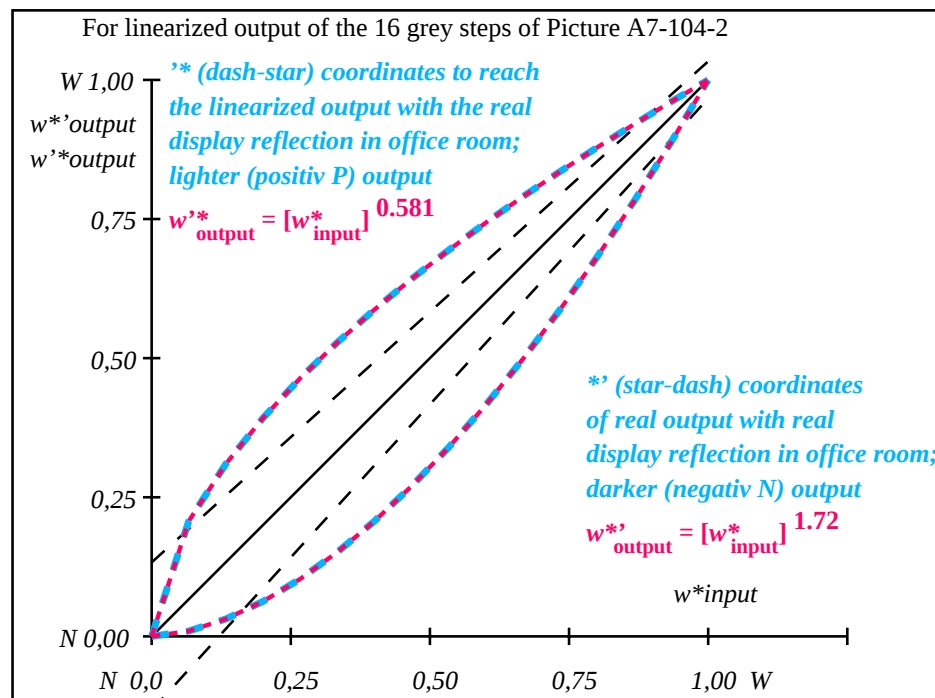
input: all (->rgb*_{de}) setrgbcolor
output 133-2: g_P=0.77; g_N=1.0

TUB registration: 20110801-OE64/OE64L0NA.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 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	0.21 41.05 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	12.11 0.0 0.0	12.11		
4	40.56 0.0 0.0	0.39 53.75 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	13.51 0.0 0.0	13.51		
6	49.7 0.0 0.0	0.53 63.05 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	12.82 0.0 0.0	12.82		
8	58.84 0.0 0.0	0.64 70.87 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	11.01 0.0 0.0	11.01		
10	67.99 0.0 0.0	0.74 77.79 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	8.46 0.0 0.0	8.46		
12	77.13 0.0 0.0	0.84 84.1 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	5.37 0.0 0.0	5.37		
14	86.27 0.0 0.0	0.92 89.94 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	1.88 0.0 0.0	1.88	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 = 8.4	
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	0.45 57.47 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	11.54 0.0 0.0	11.54		
20	78.27 0.0 0.0	0.85 84.85 0.0 0.0	6.58 0.0 0.0	6.58	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 = 6.3	
Mean colour reproduction index:					R* _{ab,m} = 64	

OE640-3N-104-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE641-3N-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 $g_p=0.58$ 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	0,208	0,309	0,392	0,464	0,528	0,587	0,642	0,694	0,743	0,79	0,835	0,878	0,92	0,96	1,0

OE640-7N, Picture A7-104-2: 16 visual equidistant L^* -grey steps; PS operator: $0\ 0\ 0\ n^*$ setcmykcolor

OE64: 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: all ($\rightarrow rgb^*_{de}$) setrgbcolor
output 134-2: $g_p=0.7$; $g_N=1.0$

TUB registration: 20110801-OE64/OE64L0NA.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	0.24 51.79 0.0	0.0 9.98 0.0	0.0 9.98 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 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 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 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 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 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 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 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 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 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 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 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 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 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 0.0 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	0.48 65.67 0.0	0.0 13.33 0.0	0.0 13.33 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 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 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 0.0 0.0	0.01

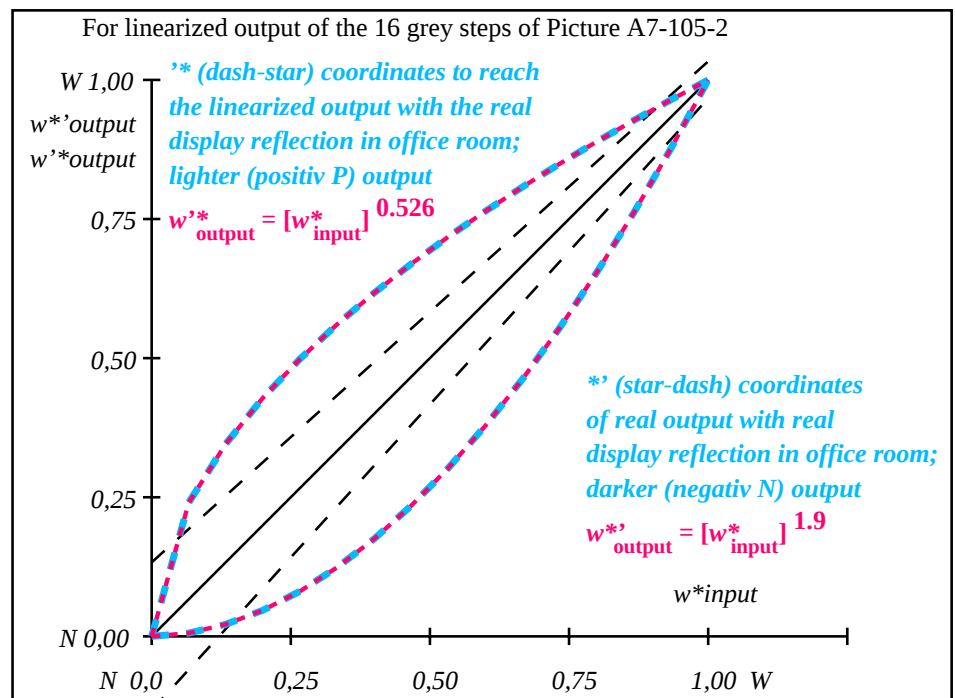
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

OE640-3N-105-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE641-3N-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
0 0 0 n* setcmyk $g_p=0.53$ 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}	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	0.241	0.346	0.429	0.499	0.561	0.617	0.67	0.718	0.764	0.808	0.849	0.889	0.928	0.964	1.0

OE640-7N, Picture A7-105-2: 16 visual equidistant L^* -grey steps; PS operator: 0 0 0 n* setcmykcolor

OE64: 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

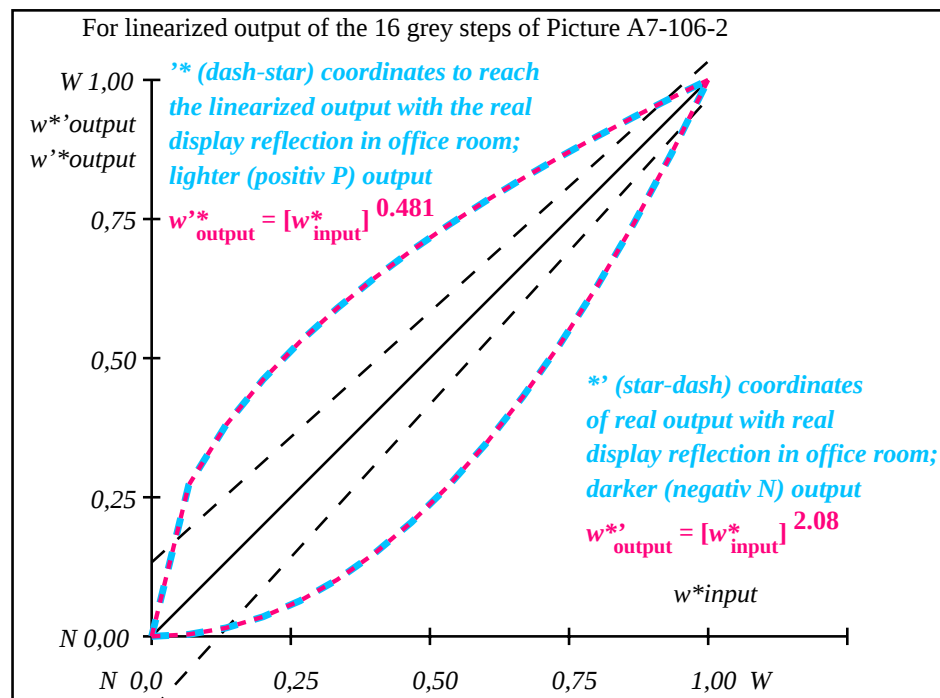
input: all ($\rightarrow \text{rgb}^*_{\text{de}}$) setrgbcolor
output 135-2: $g_p=0.62$; $g_N=1.0$

TUB registration: 20110801-OE64/OE64L0NA.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	52.02 0.0 0.0	0.0 0.0 0.0	52.02 0.0 0.0	0.0 0.0 0.0	0.01	Specification according to
2	54.91 0.0 0.0	0.27 63.82 0.0	0.0 8.91 0.0	0.0 8.91 0.0	8.91	ISO/IEC 15775 Annex G
3	57.8 0.0 0.0	0.38 68.49 0.0	0.0 10.69 0.0	0.0 10.69 0.0	10.69	and DIN 33866-1 Annex G
4	60.7 0.0 0.0	0.46 72.03 0.0	0.0 11.34 0.0	0.0 11.34 0.0	11.34	
5	63.59 0.0 0.0	0.53 75.0 0.0	0.0 11.41 0.0	0.0 11.41 0.0	11.41	
6	66.48 0.0 0.0	0.59 77.61 0.0	0.0 11.12 0.0	0.0 11.12 0.0	11.12	
7	69.37 0.0 0.0	0.64 79.95 0.0	0.0 10.57 0.0	0.0 10.57 0.0	10.57	
8	72.27 0.0 0.0	0.69 82.1 0.0	0.0 9.83 0.0	0.0 9.83 0.0	9.83	
9	75.16 0.0 0.0	0.74 84.09 0.0	0.0 8.93 0.0	0.0 8.93 0.0	8.93	
10	78.05 0.0 0.0	0.78 85.96 0.0	0.0 7.91 0.0	0.0 7.91 0.0	7.91	
11	80.95 0.0 0.0	0.82 87.72 0.0	0.0 6.78 0.0	0.0 6.78 0.0	6.78	
12	83.84 0.0 0.0	0.86 89.4 0.0	0.0 5.56 0.0	0.0 5.56 0.0	5.56	
13	86.73 0.0 0.0	0.9 91.0 0.0	0.0 4.26 0.0	0.0 4.26 0.0	4.26	
14	89.62 0.0 0.0	0.93 92.53 0.0	0.0 2.9 0.0	0.0 2.9 0.0	2.9	
15	92.52 0.0 0.0	0.97 93.99 0.0	0.0 1.48 0.0	0.0 1.48 0.0	1.48	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 = 7.0
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 11.43 0.0	0.0 11.43 0.0	11.43	
19	73.71 0.0 0.0	0.72 83.11 0.0	0.0 9.4 0.0	0.0 9.4 0.0	9.4	
20	84.56 0.0 0.0	0.87 89.81 0.0	0.0 5.24 0.0	0.0 5.24 0.0	5.24	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 = 5.2
Mean colour reproduction index:					R* _{ab,m} = 70	

OE640-3N-106-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE641-3N-106-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^{*}/Y_{\text{intended}}$ (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*																
setcmk																
$g_p=0.48$																
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
$w^{*}=I^{*}_{\text{CIELAB},r}$ (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	0.273	0.379	0.461	0.53	0.589	0.644	0.693	0.739	0.782	0.823	0.861	0.898	0.934	0.967	1.0

OE640-7N, Picture A7-106-2: 16 visual equidistant L^{*} -grey steps; PS operator: 0 0 0 n* setcmkcolor

OE64: 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: all (->rgb*_{de}) setrgbcolor
output 136-2: $g_p=0.55$; $g_N=1.0$

TUB registration: 20110801-OE64/OE64L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=th4ta

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

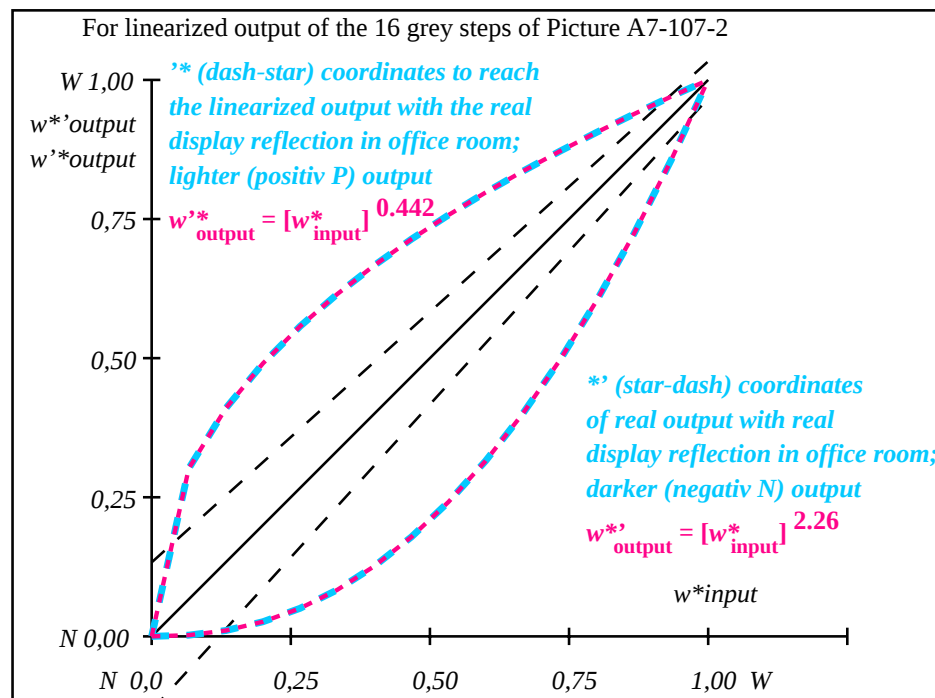
i	LAB*ref	L*out	LAB*out	LAB*out/c-ref	ΔE*	Start output S1
1	69.7	0.0	0.0	69.7	0.0	0.0
2	71.41	0.0	0.3	77.46	0.0	6.04
3	73.13	0.0	0.41	80.24	0.0	7.11
4	74.84	0.0	0.49	82.31	0.0	7.47
5	76.55	0.0	0.56	84.02	0.0	7.47
6	78.27	0.0	0.62	85.51	0.0	7.24
7	79.98	0.0	0.67	86.84	0.0	6.86
8	81.7	0.0	0.71	88.05	0.0	6.35
9	83.41	0.0	0.76	89.17	0.0	5.76
10	85.12	0.0	0.8	90.21	0.0	5.08
11	86.84	0.0	0.84	91.19	0.0	4.35
12	88.55	0.0	0.87	92.11	0.0	3.56
13	90.27	0.0	0.91	92.99	0.0	2.73
14	91.98	0.0	0.94	93.83	0.0	1.85
15	93.7	0.0	0.97	94.64	0.0	0.94
16	95.41	0.0	1.0	95.41	0.0	0.01
17	69.7	0.0	0.0	69.7	0.0	0.01
18	76.13	0.0	0.54	83.62	0.0	7.5
19	82.55	0.0	0.74	88.62	0.0	6.06
20	88.98	0.0	0.88	92.34	0.0	3.35
21	95.41	0.0	1.0	95.41	0.0	0.01

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

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

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

OE640-3N-107-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE641-3N-107-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{\text{intended}}$ (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
$000n^*$ setcmyk $g_p=0.44$ 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}	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	0.302	0.41	0.491	0.557	0.615	0.667	0.714	0.757	0.798	0.836	0.872	0.906	0.939	0.97	1.0

OE640-7N, Picture A7-107-2: 16 visual equidistant L^* -grey steps; PS operator: $000n^*$ setcmykcolor

OE64: 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: all ($\rightarrow rgb^*_{\text{de}}$) setrgbcolor
output 137-2: $g_p=0.47$; $g_N=1.0$

TUB registration: 20110801-OE64/OE64L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta