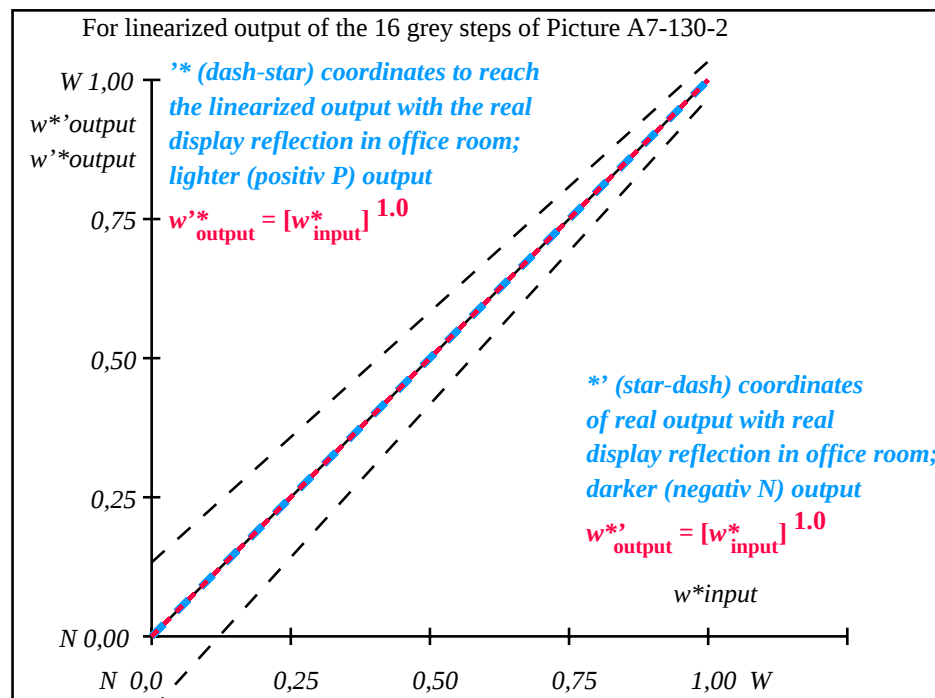


See similar ISO test charts: <http://www.ps.bam.de/24705TE>, <http://www.ps.bam.de/9241E>
Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1, CIELAB

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)						ΔE* _{CIELAB} = 0.0
Mean lightness difference (5 steps)						ΔL* _{CIELAB} = 0.0
Mean colour reproduction index:						R* _{ab,m} = 100

OE610-3N-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE611-3N-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

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

OE610-7N, Picture A7-130-2: 16 visual equidistant L*-grey steps; PS operator: w* w* w* setrgbcolor

OE61: 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: w (->rgb*_{de}) setgray
output 130-2: g_p=1.0; g_N=1.0

TUB registration: 20110801-OE61/OE61L0NA.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

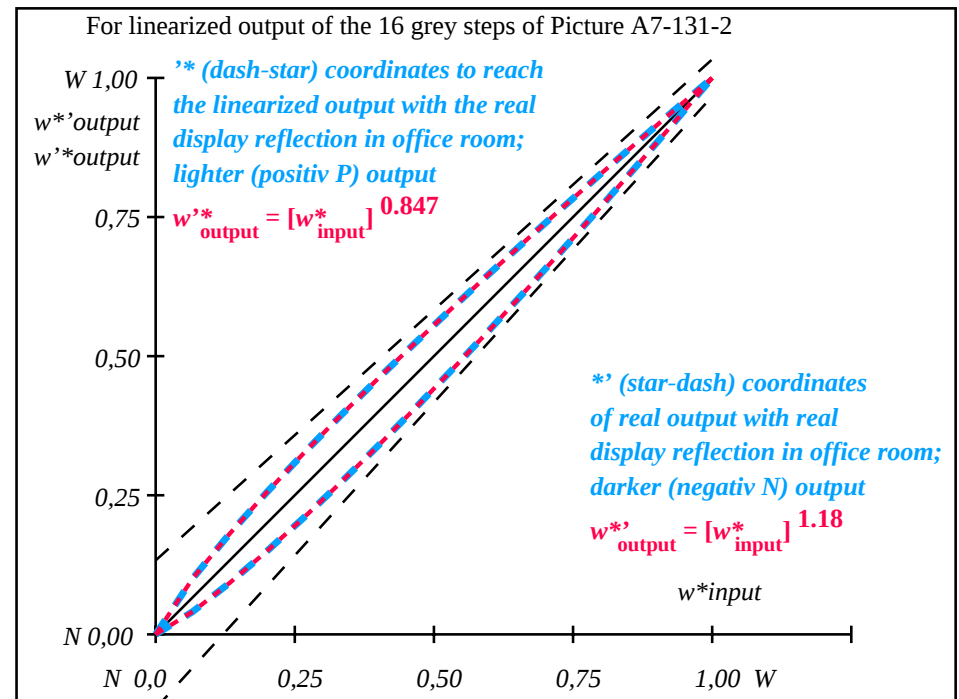
i	LAB*ref	L*out	LAB*out	LAB*out/c-ref	ΔE*	Start output S1
1	5.69	0.0	0.0	0.0	0.0	0.01
2	11.67	0.0	0.1	14.73	0.0	3.06
3	17.65	0.0	0.18	21.96	0.0	4.3
4	23.63	0.0	0.26	28.63	0.0	4.99
5	29.62	0.0	0.33	34.96	0.0	5.34
6	35.6	0.0	0.39	41.05	0.0	5.46
7	41.58	0.0	0.46	46.96	0.0	5.38
8	47.56	0.0	0.52	52.72	0.0	5.16
9	53.54	0.0	0.59	58.36	0.0	4.82
10	59.52	0.0	0.65	63.88	0.0	4.36
11	65.5	0.0	0.71	69.32	0.0	3.82
12	71.48	0.0	0.77	74.67	0.0	3.19
13	77.47	0.0	0.83	79.95	0.0	2.49
14	83.45	0.0	0.89	85.16	0.0	1.72
15	89.43	0.0	0.94	90.31	0.0	0.89
16	95.41	0.0	1.0	95.41	0.0	0.01
17	5.69	0.0	0.0	5.69	0.0	0.01
18	28.12	0.0	0.31	33.4	0.0	5.28
19	50.55	0.0	0.56	55.55	0.0	5.0
20	72.98	0.0	0.78	76.0	0.0	3.02
21	95.41	0.0	1.0	95.41	0.0	0.01

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

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

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

OE610-3N-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE611-3N-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{\text{intended}}$ (absolute)	5.7/0.6	11.7/1.4	17.7/2.4	23.6/4.0	29.6/6.1	35.6/8.8	41.6/12.2	47.6/16.5	53.5/21.5	59.5/27.6	65.5/34.7	71.5/42.9	77.5/52.3	83.4/63.0	89.4/75.1	95.4/88.6
$w^* w^* w^*$ setrgb $g_p=0.85$ 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
$w^* = [L^*_{\text{CIELAB}}]^r$ (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}	0.0	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

OE610-7N, Picture A7-131-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE61: 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: w ($\rightarrow \text{rgb}^*_{\text{de}}$) setgray
output 131-2: $g_p=0.92$; $g_N=1.0$

TUB registration: 20110801-OE61/OE61L0NA.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	10.99 0.0 0.0	10.99 0.0 0.0	10.99 0.0 0.0	0.0 0.0 0.0	0.01
2	16.62 0.0 0.0	16.62 0.0 0.0	16.62 0.0 0.0	0.0 0.0 0.0	0.01
3	22.25 0.0 0.0	22.25 0.0 0.0	22.25 0.0 0.0	0.0 0.0 0.0	0.01
4	27.88 0.0 0.0	27.88 0.0 0.0	27.88 0.0 0.0	0.0 0.0 0.0	0.01
5	33.5 0.0 0.0	33.5 0.0 0.0	33.5 0.0 0.0	0.0 0.0 0.0	0.01
6	39.13 0.0 0.0	39.13 0.0 0.0	39.13 0.0 0.0	0.0 0.0 0.0	0.01
7	44.76 0.0 0.0	44.76 0.0 0.0	44.76 0.0 0.0	0.0 0.0 0.0	0.01
8	50.39 0.0 0.0	50.39 0.0 0.0	50.39 0.0 0.0	0.0 0.0 0.0	0.01
9	56.02 0.0 0.0	56.02 0.0 0.0	56.02 0.0 0.0	0.0 0.0 0.0	0.01
10	61.64 0.0 0.0	61.64 0.0 0.0	61.64 0.0 0.0	0.0 0.0 0.0	0.01
11	67.27 0.0 0.0	67.27 0.0 0.0	67.27 0.0 0.0	0.0 0.0 0.0	0.01
12	72.9 0.0 0.0	72.9 0.0 0.0	72.9 0.0 0.0	0.0 0.0 0.0	0.01
13	78.53 0.0 0.0	78.53 0.0 0.0	78.53 0.0 0.0	0.0 0.0 0.0	0.01
14	84.15 0.0 0.0	84.15 0.0 0.0	84.15 0.0 0.0	0.0 0.0 0.0	0.01
15	89.78 0.0 0.0	89.78 0.0 0.0	89.78 0.0 0.0	0.0 0.0 0.0	0.01
16	95.41 0.0 0.0	95.41 0.0 0.0	95.41 0.0 0.0	0.0 0.0 0.0	0.01
17	10.99 0.0 0.0	10.99 0.0 0.0	10.99 0.0 0.0	0.0 0.0 0.0	0.01
18	32.1 0.0 0.0	32.1 0.0 0.0	32.1 0.0 0.0	0.0 0.0 0.0	0.01
19	53.2 0.0 0.0	53.2 0.0 0.0	53.2 0.0 0.0	0.0 0.0 0.0	0.01
20	74.31 0.0 0.0	74.31 0.0 0.0	74.31 0.0 0.0	0.0 0.0 0.0	0.01
21	95.41 0.0 0.0	95.41 0.0 0.0	95.41 0.0 0.0	0.0 0.0 0.0	0.01

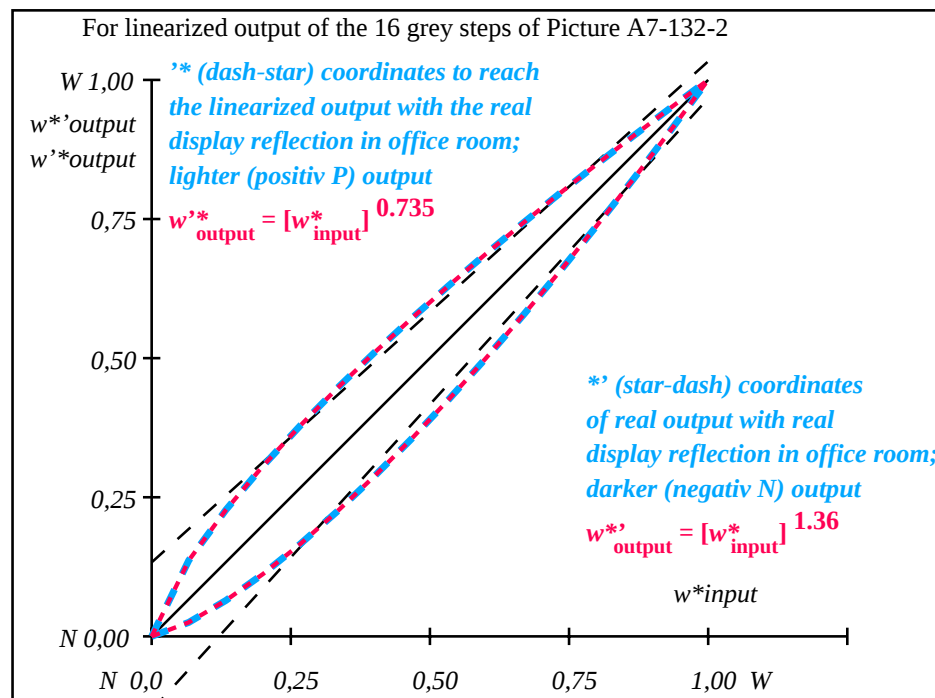
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

OE610-3N-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE611-3N-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

$L^*/Y^*_{intended}$ (absolute)	11.0/1.3	16.6/2.2	22.2/3.6	27.9/5.4	33.5/7.8	39.1/10.7	44.8/14.4	50.4/18.7	56.0/23.9	61.6/30.0	67.3/37.0	72.9/45.0	78.5/54.1	84.2/64.4	89.8/75.8	95.4/88.6
$w^* w^* w^*$ setrgb $g_p=0.74$ 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
$w^* = [L^*_{CIELAB, r}]$ (relative)	0.000	0.067	0.133	0.200	0.267	0.333	0.400	0.467	0.533	0.600	0.667	0.733	0.800	0.867	0.933	1.000
$w^*_{intended}$ w^*_{out}	0.000	0.137	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	1.000

OE610-7N, Picture A7-132-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE61: 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

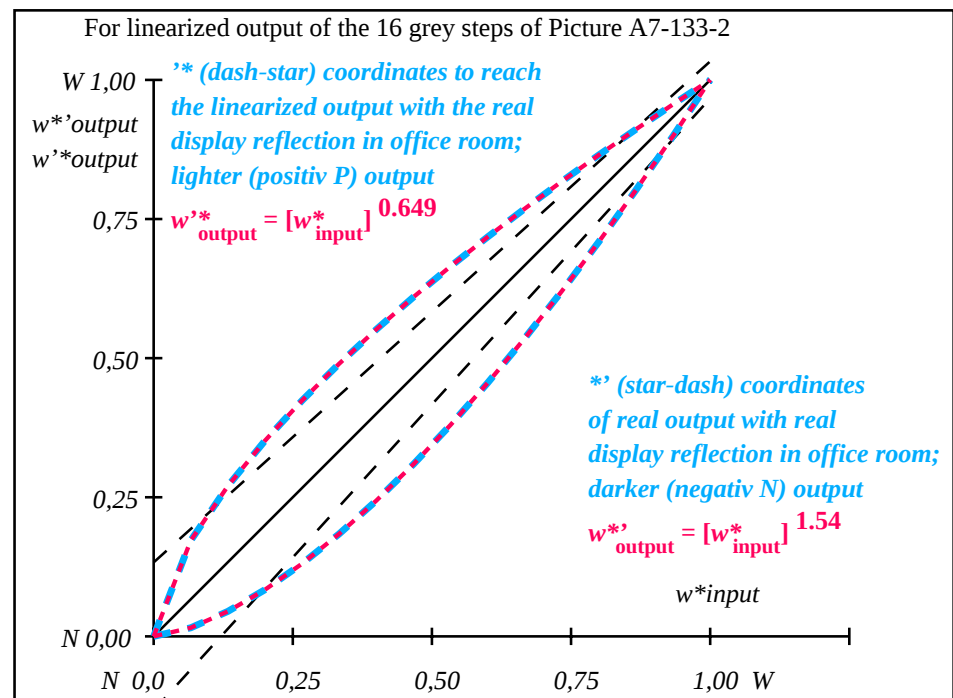
input: w ($\rightarrow rgb^*_{de}$) setgray
output 132-2: $g_p=0.85$; $g_N=1.0$

TUB registration: 20110801-OE61/OE61L0NA.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 ISO/IEC 15775 Annex G and DIN 33866-1 Annex G
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	
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	
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	

OE610-3N-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE611-3N-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

L*/Y _{intended} (absolute)	18.0/2.5	23.2/3.8	28.3/5.6	33.5/7.8	38.6/10.5	43.8/13.7	49.0/17.6	54.1/22.1	59.3/27.3	64.4/33.4	69.6/40.2	74.8/47.9	79.9/56.6	85.1/66.2	90.2/76.8	95.4/88.6
w* w* w* setrgb																
g _p =0.65																
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

OE610-7N, Picture A7-133-2: 16 visual equidistant L*-grey steps; PS operator: w* w* w* setrgbcolor

OE61: 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

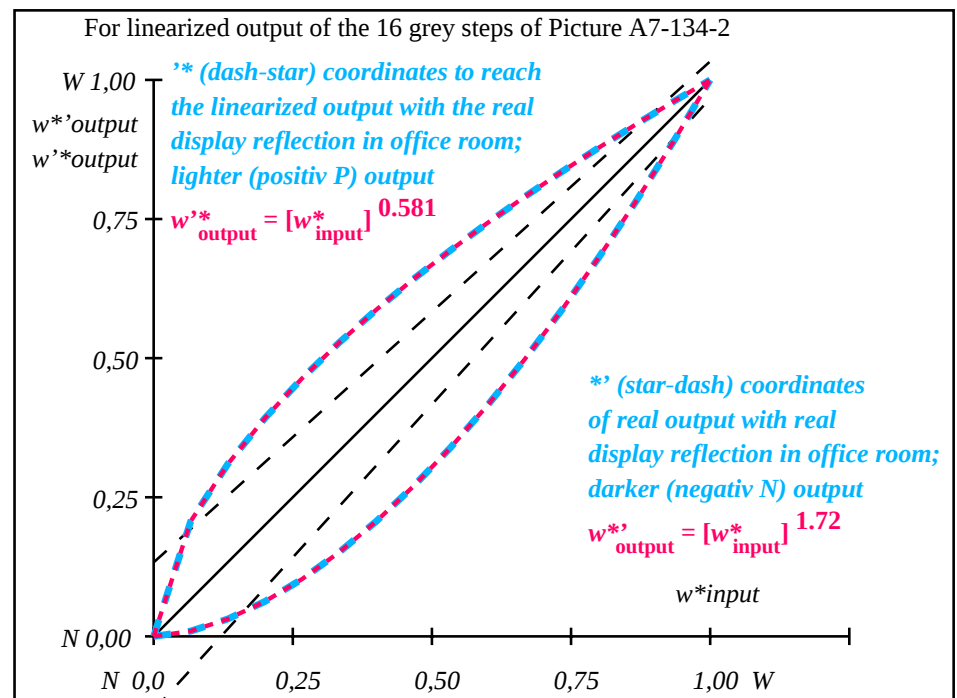
input: w (->rgb*_{de}) setgray
output 133-2: g_p=0.77; g_N=1.0

TUB registration: 20110801-OE61/OE61L0NA.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	

OE610-3N-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE611-3N-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

L^*/Y_{intended} (absolute)	26.8/5.0	31.4/6.8	36.0/9.0	40.6/11.6	45.1/14.6	49.7/18.2	54.3/22.2	58.8/26.9	63.4/32.1	68.0/38.0	72.6/44.5	77.1/51.7	81.7/59.7	86.3/68.5	90.8/78.1	95.4/88.6
$w^* w^* w^*$ setrgb																
$g_p=0.58$																
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
$w^* = [L^*_{\text{intended}}]_{\text{CIELAB}, r}$ (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	0.208	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

OE610-7N, Picture A7-134-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE61: 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

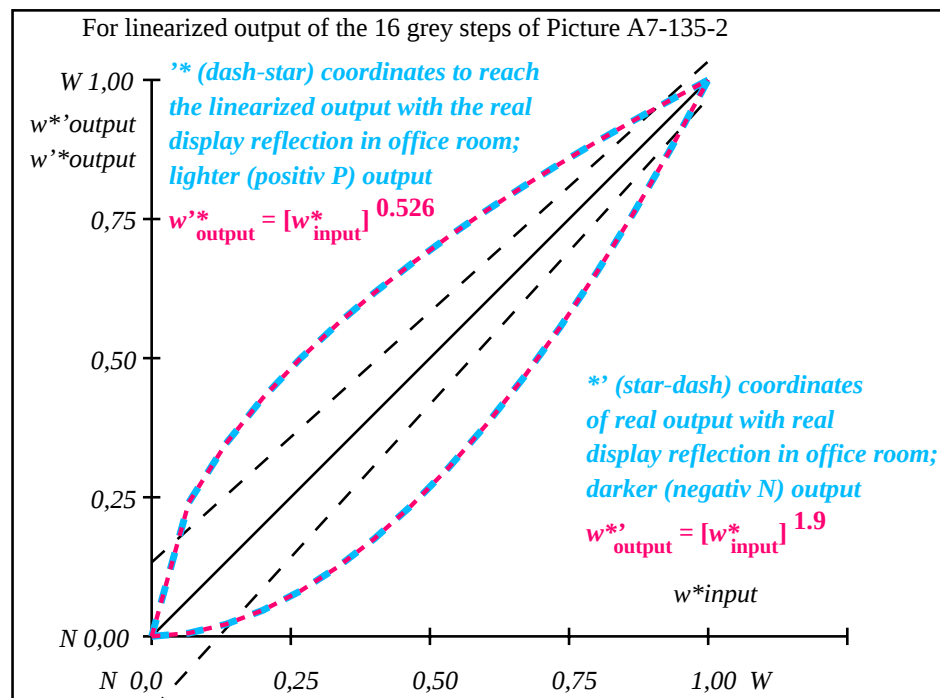
input: w (-> rgb^*_{de}) setgray
output 134-2: $g_p=0.7$; $g_N=1.0$

TUB registration: 20110801-OE61/OE61L0NA.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	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	Specification according to
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	ISO/IEC 15775 Annex G
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	and DIN 33866-1 Annex G
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	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 = 8.2
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	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 = 6.2
Mean colour reproduction index:					R* _{ab,m} = 65	

OE610-3N-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE611-3N-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

L*/Y _{intended} (absolute)	38.0/10.1	41.8/12.4	45.6/15.0	49.5/18.0	53.3/21.3	57.1/25.1	61.0/29.2	64.8/33.8	68.6/38.8	72.4/44.3	76.3/50.3	80.1/56.9	83.9/63.9	87.8/71.6	91.6/79.8	95.4/88.6
w* w* w* setrgb																
g _p =0.53																
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*=[*] 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	0.241	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

OE610-7N, Picture A7-135-2: 16 visual equidistant L*-grey steps; PS operator: w* w* w* setrgbcolor

OE61: 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: w (->rgb*_{de}) setgray
output 135-2: g_p=0.62; g_N=1.0

TUB registration: 20110801-OE61/OE61L0NA.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	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
2	54.91 0.0 0.0	0.27 63.82 0.0	0.0 0.0 8.91	0.0 0.0 8.91	8.91
3	57.8 0.0 0.0	0.38 68.49 0.0	0.0 0.0 10.69	0.0 0.0 10.69	10.69
4	60.7 0.0 0.0	0.46 72.03 0.0	0.0 0.0 11.34	0.0 0.0 11.34	11.34
5	63.59 0.0 0.0	0.53 75.0 0.0	0.0 0.0 11.41	0.0 0.0 11.41	11.41
6	66.48 0.0 0.0	0.59 77.61 0.0	0.0 0.0 11.12	0.0 0.0 11.12	11.12
7	69.37 0.0 0.0	0.64 79.95 0.0	0.0 0.0 10.57	0.0 0.0 10.57	10.57
8	72.27 0.0 0.0	0.69 82.1 0.0	0.0 0.0 9.83	0.0 0.0 9.83	9.83
9	75.16 0.0 0.0	0.74 84.09 0.0	0.0 0.0 8.93	0.0 0.0 8.93	8.93
10	78.05 0.0 0.0	0.78 85.96 0.0	0.0 0.0 7.91	0.0 0.0 7.91	7.91
11	80.95 0.0 0.0	0.82 87.72 0.0	0.0 0.0 6.78	0.0 0.0 6.78	6.78
12	83.84 0.0 0.0	0.86 89.4 0.0	0.0 0.0 5.56	0.0 0.0 5.56	5.56
13	86.73 0.0 0.0	0.9 91.0 0.0	0.0 0.0 4.26	0.0 0.0 4.26	4.26
14	89.62 0.0 0.0	0.93 92.53 0.0	0.0 0.0 2.9	0.0 0.0 2.9	2.9
15	92.52 0.0 0.0	0.97 93.99 0.0	0.0 0.0 1.48	0.0 0.0 1.48	1.48
16	95.41 0.0 0.0	1.0 95.41 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
17	52.02 0.0 0.0	0.0 52.02 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01
18	62.87 0.0 0.0	0.51 74.3 0.0	0.0 0.0 11.43	0.0 0.0 11.43	11.43
19	73.71 0.0 0.0	0.72 83.11 0.0	0.0 0.0 9.4	0.0 0.0 9.4	9.4
20	84.56 0.0 0.0	0.87 89.81 0.0	0.0 0.0 5.24	0.0 0.0 5.24	5.24
21	95.41 0.0 0.0	1.0 95.41 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.01

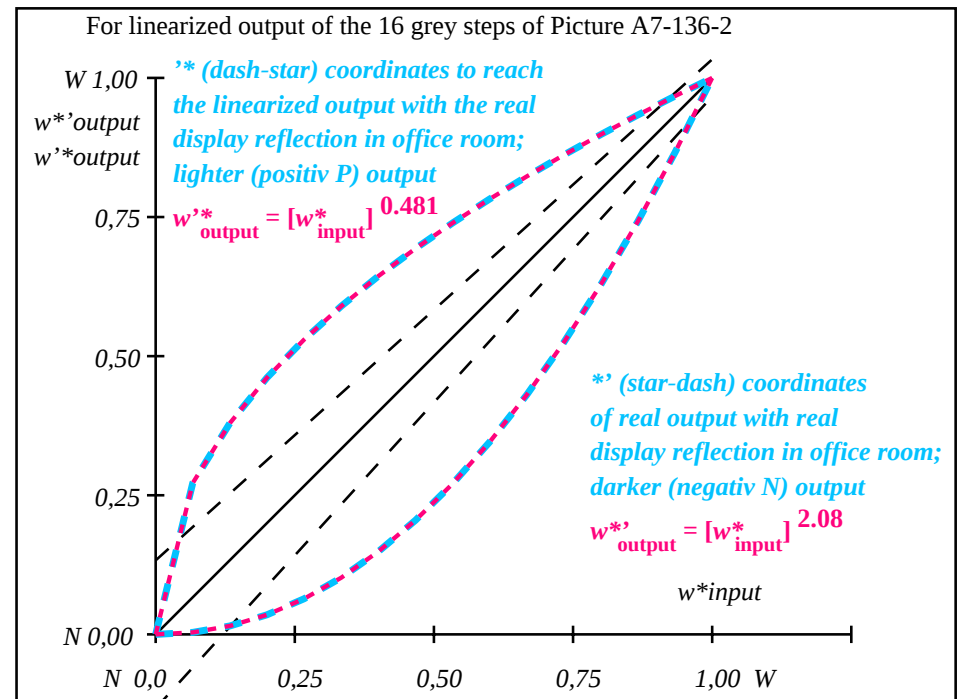
Start output S1
Specification according to ISO/IEC 15775 Annex G and DIN 33866-1 Annex G

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

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

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

OE610-3N-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE611-3N-136-2: 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
$w^* w^* w^*$ setrgb																
$g_p=0.48$ 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	0.273	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

OE610-7N, Picture A7-136-2: 16 visual equidistant L^* -grey steps; PS operator: $w^* w^* w^*$ setrgbcolor

OE61: 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

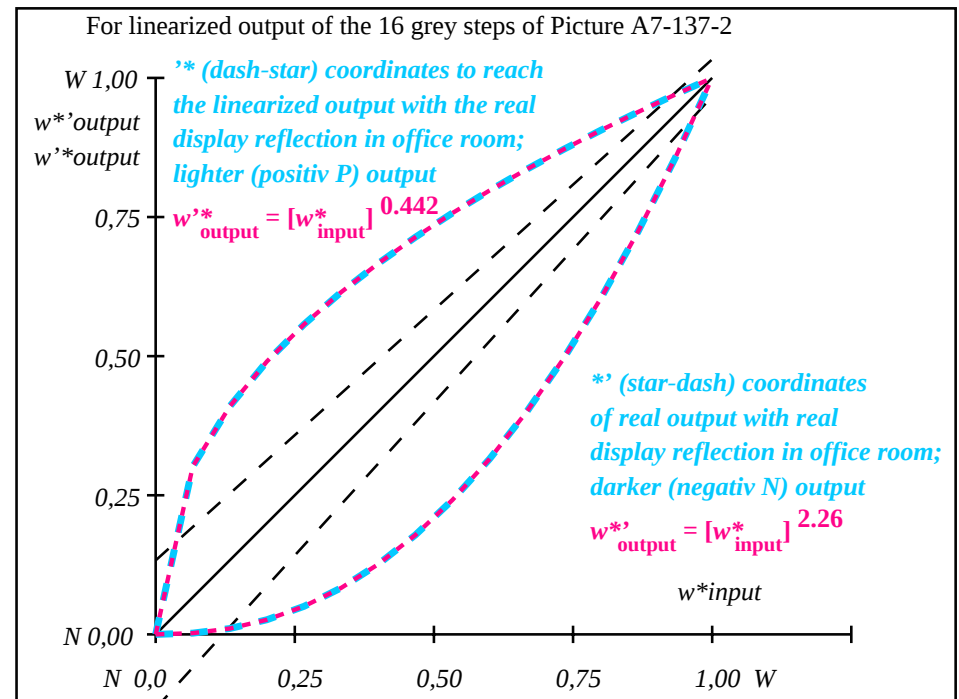
input: w ($\rightarrow \text{rgb}^*_{\text{de}}$) setgray
output 136-2: $g_p=0.55$; $g_N=1.0$

TUB registration: 20110801-OE61/OE61L0NA.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	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	0.3 77.46 0.0 0.0	6.04 0.0 0.0	6.04		
3	73.13 0.0 0.0	0.41 80.24 0.0 0.0	7.11 0.0 0.0	7.11		
4	74.84 0.0 0.0	0.49 82.31 0.0 0.0	7.47 0.0 0.0	7.47		
5	76.55 0.0 0.0	0.56 84.02 0.0 0.0	7.47 0.0 0.0	7.47		
6	78.27 0.0 0.0	0.62 85.51 0.0 0.0	7.24 0.0 0.0	7.24		
7	79.98 0.0 0.0	0.67 86.84 0.0 0.0	6.86 0.0 0.0	6.86		
8	81.7 0.0 0.0	0.71 88.05 0.0 0.0	6.35 0.0 0.0	6.35		
9	83.41 0.0 0.0	0.76 89.17 0.0 0.0	5.76 0.0 0.0	5.76		
10	85.12 0.0 0.0	0.8 90.21 0.0 0.0	5.08 0.0 0.0	5.08		
11	86.84 0.0 0.0	0.84 91.19 0.0 0.0	4.35 0.0 0.0	4.35		
12	88.55 0.0 0.0	0.87 92.11 0.0 0.0	3.56 0.0 0.0	3.56		
13	90.27 0.0 0.0	0.91 92.99 0.0 0.0	2.73 0.0 0.0	2.73		
14	91.98 0.0 0.0	0.94 93.83 0.0 0.0	1.85 0.0 0.0	1.85		
15	93.7 0.0 0.0	0.97 94.64 0.0 0.0	0.94 0.0 0.0	0.94	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 = 4.6	
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	0.54 83.62 0.0 0.0	7.5 0.0 0.0	7.5		
19	82.55 0.0 0.0	0.74 88.62 0.0 0.0	6.06 0.0 0.0	6.06		
20	88.98 0.0 0.0	0.88 92.34 0.0 0.0	3.35 0.0 0.0	3.35	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 = 3.4	
Mean colour reproduction index:					R* _{ab,m} = 80	

OE610-3N-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OE611-3N-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

L*/Y _{intended} (absolute)	69.7/40.3	71.4/42.8	73.1/45.4	74.8/48.0	76.6/50.8	78.3/53.7	80.0/56.6	81.7/59.7	83.4/62.9	85.1/66.3	86.8/69.7	88.6/73.2	90.3/76.9	92.0/80.7	93.7/84.6	95.4/88.6
w* w* w* setrgb																
g _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* 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	0,302	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

OE610-7N, Picture A7-137-2: 16 visual equidistant L*-grey steps; PS operator: w* w* w* setrgbcolor

OE61: 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: w (->rgb*_{de}) setgray
output 137-2: $g_P=0.47$; $g_N=1.0$

TUB registration: 20110801-OE61/OE61L0NA.TXT /.PS
application for output of displays: monitor systems or data projector systems
TUB material: code=rh4ta