

Colorimetric data for system lines TLS00 -> ORS18, TLS00, NRS18, SRS18

For input olv^*_{30} (TLS00) and output olv^*_{3m} for 4 systems ($m=0$ to 4)
Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);
Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);
Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);
Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

no.	Colour	->TLS00 olv^*_{30}	->TLS00 n^*, c^*, H^*_{si0}	ORS18 olv^*_{31}	TLS00 olv^*_{32}	NRS18 olv^*_{33}	SRS18 olv^*_{34}
01	N	0.0 0.0 0.0 1.0 0.0 -	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
02	Vn	0.0 0.0 0.5 0.5 0.5 270	0.01 0.0 0.5	0.0 0.0 0.5	0.3 0.0 0.5	0.3 0.0 0.5	0.0 0.5
03	V	0.0 0.0 1.0 0.0 1.0 270	0.02 0.0 1.0	0.0 0.0 1.0	0.6 0.0 1.0	0.6 0.0 1.0	0.0 1.0
04	Ln	0.0 0.5 0.0 0.5 0.5 150	0.14 0.5 0.0	0.0 0.0 0.5	0.0 0.19 0.5	0.0 0.12 0.5	0.0 0.0
05	Cn	0.0 0.5 0.5 0.5 0.5 210	0.0 0.5 0.26	0.0 0.5 0.5	0.0 0.5 0.31	0.0 0.5 0.38	0.0 0.5
06	-	0.0 0.5 1.0 0.0 1.0 240	0.0 0.78 1.0	0.0 0.5 1.0	0.0 0.38 1.0	0.0 0.32 1.0	0.0 1.0
07	L	0.0 1.0 0.0 0.0 1.0 150	0.27 1.0 0.0	0.0 0.0 1.0	0.0 0.38 1.0	0.0 0.23 1.0	0.0 0.0
08	-	0.0 1.0 0.5 0.0 1.0 180	0.0 1.0 0.18	0.0 1.0 0.5	0.0 1.0 0.07	0.0 1.0 0.27	0.0 0.5
09	C	0.0 1.0 1.0 0.0 1.0 210	0.0 1.0 0.53	0.0 1.0 0.99	0.0 1.0 0.62	0.0 1.0 0.77	0.0 1.0
10	On	0.5 0.0 0.0 0.5 0.5 30	0.5 0.02 0.0	0.5 0.0 0.5	0.0 0.5 0.11	0.0 0.5 0.08	0.0 0.0
11	Mn	0.5 0.0 0.5 0.5 0.5 329	0.24 0.0 0.5	0.49 0.0 0.5	0.49 0.0 0.5	0.48 0.0 0.5	0.0 0.5
12	-	0.5 0.0 1.0 0.0 1.0 299	0.25 0.0 1.0	0.49 0.0 1.0	0.8 0.0 1.0	0.78 0.0 1.0	0.0 1.0
13	Ln	0.5 0.5 0.0 0.5 0.5 90	0.44 0.5 0.0	0.5 0.5 0.0	0.42 0.5 0.0	0.39 0.5 0.0	0.0 0.0
14	Z	0.5 0.5 0.5 0.5 0.0 -	0.5 0.5 0.5	0.5 0.5 0.5	0.5 0.5 0.5	0.5 0.5 0.5	0.0 0.5
15	Vw	0.5 0.5 1.0 0.0 0.5 270	0.51 0.5 1.0	0.5 0.5 1.0	0.8 0.5 1.0	0.8 0.5 1.0	0.0 1.0
16	-	0.5 1.0 0.0 0.0 1.0 119	0.59 1.0 0.0	0.51 1.0 0.0	0.62 1.0 0.0	0.52 1.0 0.0	0.0 0.0
17	Lw	0.5 1.0 0.5 0.0 0.5 150	0.64 1.0 0.5	0.5 0.5 1.0	0.5 0.69 1.0	0.5 0.62 1.0	0.0 0.5
18	Mw	0.5 1.0 1.0 0.0 0.5 210	0.5 1.0 0.76	0.5 1.0 0.5	1.0 0.81 0.5	1.0 0.88	0.0 0.5
19	O	1.0 0.0 0.0 0.0 1.0 30	1.0 0.04 0.0	1.0 0.0 0.0	1.0 0.22 0.0	1.0 0.17 0.0	0.0 0.0
20	-	1.0 0.0 0.5 0.0 1.0 0	1.0 0.0 0.77	1.0 0.0 0.5	1.0 0.0 0.38	1.0 0.0 0.43	0.0 0.5
21	M	1.0 0.0 1.0 0.0 1.0 329	0.47 0.0 1.0	0.99 0.0 1.0	0.99 0.0 1.0	0.97 0.0 1.0	0.0 1.0
22	-	1.0 0.5 0.0 0.0 1.0 60	1.0 0.57 0.0	1.0 0.49 0.0	1.0 0.68 0.0	1.0 0.68 0.0	0.0 0.5
23	Ow	1.0 0.5 0.5 0.0 0.5 30	1.0 0.52 0.5	1.0 0.5 0.5	1.0 0.61 0.5	1.0 0.58 0.5	0.0 0.5
24	Mw	1.0 0.5 1.0 0.0 0.5 329	0.74 0.5 1.0	0.99 0.5 1.0	0.99 0.5 1.0	0.98 0.5 1.0	0.0 1.0
25	Y	1.0 1.0 0.0 0.0 1.0 90	0.88 1.0 0.0	1.0 1.0 0.0	0.85 1.0 0.0	0.78 1.0 0.0	0.0 0.0
26	Yw	1.0 1.0 0.5 0.0 0.5 90	0.94 1.0 0.5	1.0 1.0 0.5	0.92 1.0 0.5	0.89 1.0 0.5	0.0 0.5
27	W	1.0 1.0 1.0 0.0 0.0 -	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	0.0 1.0

$$a^*_{r0} = o^*_{30} \cos(30) + l^*_{30} \cos(150)$$

$$H^*_{s0} = \text{atan} (b^*_{r0} / a^*_{r0})$$

$$b^*_{r0} = o^*_{30} \sin(30) + l^*_{30} \sin(150) - v^*_{30} \sin(270)$$

$$H^*_{si0} = \text{round} (H^*_{s0})$$

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BAM-test chart ZE11; Transfer olv^*_{3} , LCH*a, nce*, 1/12
TLS00, SRS18->ORS18, TLS00, NRS18, SRS18; 27 Colours

Colorimetric data for system lines SRS18 -> ORS18, TLS00, NRS18, SRS18

For input olv^*_{30} (SRS18) and output olv^*_{3m} for 4 systems ($m=0$ to 4)
Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);
Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);
Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);
Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

no.	Colour	->SRS18 olv^*_{30}	->SRS18 n^*, c^*, H^*_{si0}	ORS18 olv^*_{31}	TLS00 olv^*_{32}	NRS18 olv^*_{33}	SRS18 olv^*_{34}
01	N	0.0 0.0 0.0 1.0 0.0 -	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
02	Vn	0.0 0.0 0.5 0.5 0.5 270	0.0 0.25 0.5	0.0 0.17 0.5	0.0 0.02 0.5	0.0 0.0 0.5	0.0 0.5
03	V	0.0 0.0 1.0 0.0 1.0 270	0.0 0.51 1.0	0.0 0.33 1.0	0.0 0.03 1.0	0.0 0.0 1.0	0.0 1.0
04	Ln	0.0 0.5 0.0 0.5 0.5 150	0.01 0.5 0.0	0.0 0.5 0.12	0.09 0.5 0.0	0.0 0.0 0.5	0.0 0.0
05	Cn	0.0 0.5 0.5 0.5 0.5 210	0.0 0.5 0.35	0.0 0.44 0.5	0.0 0.5 0.44	0.0 0.5 0.5	0.0 0.5
06	-	0.0 0.5 1.0 0.0 1.0 240	0.0 0.94 1.0	0.0 0.6 1.0	0.0 0.58 1.0	0.0 0.5 1.0	0.0 1.0
07	L	0.0 1.0 0.0 0.0 1.0 150	0.02 1.0 0.0	0.0 1.0 0.23	0.17 1.0 0.0	0.0 0.0 1.0	0.0 0.0
08	-	0.0 1.0 0.5 0.0 1.0 180	0.0 1.0 0.34	0.0 1.0 0.73	0.0 1.0 0.32	0.0 1.0 0.5	0.0 0.5
09	C	0.0 1.0 1.0 0.0 1.0 210	0.0 1.0 0.69	0.0 0.88 1.0	0.0 1.0 0.87	0.0 1.0 1.0	0.0 1.0
10	On	0.5 0.0 0.0 0.5 0.5 30	0.5 0.0 0.09	0.5 0.0 0.07	0.5 0.03 0.0	0.5 0.0 0.0	0.0 0.0
11	Mn	0.5 0.0 0.5 0.5 0.5 330	0.26 0.0 0.5	0.5 0.0 0.49	0.5 0.0 0.49	0.5 0.0 0.5	0.0 0.5
12	-	0.5 0.0 1.0 0.0 1.0 300	0.0 0.07 1.0	0.0 0.06 1.0	0.5 0.0 1.0	0.5 0.0 1.0	0.0 1.0
13	Ln	0.5 0.5 0.0 0.5 0.5 90	0.5 0.45 0.0	0.5 0.4 0.0	0.5 0.48 0.0	0.5 0.5 0.0	0.0 0.0
14	Z	0.5 0.5 0.5 0.5 0.0 -	0.5 0.5 0.5	0.5 0.5 0.5	0.5 0.5 0.5	0.5 0.5 0.5	0.0 0.5
15	Vw	0.5 0.5 1.0 0.0 0.5 270	0.5 0.75 1.0	0.5 0.67 1.0	0.5 0.52 1.0	0.5 0.5 1.0	0.0 1.0
16	-	0.5 1.0 0.0 0.0 1.0 120	0.57 1.0 0.0	0.48 1.0 0.0	0.6 1.0 0.0	0.5 1.0 0.0	0.0 0.0
17	Lw	0.5 1.0 0.5 0.0 0.5 150	0.51 1.0 0.5	0.5 0.5 1.0	0.62 0.59 1.0	0.5 0.5 1.0	0.0 0.5
18	Mw	0.5 1.0 1.0 0.0 0.5 210	0.5 1.0 0.85	0.5 0.94 1.0	0.5 1.0 0.94	0.5 1.0 1.0	0.0 1.0
19	O	1.0 0.0 0.0 0.0 1.0 30	1.0 0.0 0.17	1.0 0.0 0.14	1.0 0.07 0.0	1.0 0.0 0.0	0.0 0.0
20	-	1.0 0.0 0.5 0.0 1.0 0	1.0 0.0 0.86	1.0 0.0 0.56	1.0 0.0 0.45	1.0 0.0 0.5	0.0 0.5
21	M	1.0 0.0 1.0 0.0 1.0 330	0.51 0.0 1.0	1.0 0.0 0.98	1.0 0.0 0.98	1.0 0.0 1.0	0.0 1.0
22	-	1.0 0.5 0.0 0.0 1.0 60	1.0 0.38 0.0	1.0 0.32 0.0	1.0 0.52 0.0	1.0 0.5 0.0	0.0 0.5
23	Ow	1.0 0.5 0.5 0.0 0.5 30	1.0 0.5 0.59	1.0 0.5 0.57	1.0 0.53 0.5	1.0 0.5 0.5	0.0 0.5
24	Mw	1.0 0.5 1.0 0.0 0.5 330	0.76 0.5 1.0	1.0 0.5 0.99	1.0 0.5 0.99	1.0 0.5 1.0	0.0 1.0
25	Y	1.0 1.0 0.0 0.0 1.0 90	1.0 0.89 0.0	1.0 0.8 0.0	1.0 0.97 0.0	1.0 1.0 0.0	0.0 0.0
26	Yw	1.0 1.0 0.5 0.0 0.5 90	1.0 0.95 0.5	1.0 0.9 0.5	1.0 0.98 0.5	1.0 1.0 0.5	0.0 0.5
27	W	1.0 1.0 1.0 0.0 0.0 -	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	0.0 1.0

$$a^*_{r0} = o^*_{30} \cos(30) + l^*_{30} \cos(150)$$

$$H^*_{s0} = \text{atan} (b^*_{r0} / a^*_{r0})$$

$$b^*_{r0} = o^*_{30} \sin(30) + l^*_{30} \sin(150) - v^*_{30} \sin(270)$$

$$H^*_{si0} = \text{round} (H^*_{s0})$$

ZE111-7

input: rgb (-> olv^*_{3}) setrgbcolor
output: no change compared to input

Colorimetric data for system lines TLS00 -> ORS18, TLS00, NRS18, SRS18

For input olv^*_{30} (TLS00) and output $LCH^*_{a,Mm}$ for 4 systems ($m=0$ to 4)
Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);
Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);
Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);
Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

	->TLS00			->TLS00			ORS18			TLS00			NRS18			SRS18		
no. Colour	olv^*_{30}			n^*, c^*, H^*_{si0}			$LCH^*_{a,M1}$			$LCH^*_{a,M2}$			$LCH^*_{a,M3}$			$LCH^*_{a,M4}$		
01 N	0.0	0.0	0.0	1.0	0.0	-	48.1	71.7	-	53.9	89.9	-	56.7	68.6	-	56.7	67.2	-
02 Vn	0.0	0.0	0.5	0.5	0.5	270	26.2	53.8	306	30.5	47.8	306	56.7	68.4	306	56.7	67.4	306
03 V	0.0	0.0	1.0	0.0	1.0	270	26.2	53.8	306	30.5	47.8	306	56.7	68.4	306	56.7	67.4	306
04 Ln	0.0	0.5	0.0	0.5	0.5	150	61.7	84.0	136	83.6	93.1	136	56.7	64.2	136	56.7	69.7	136
05 Cn	0.0	0.5	0.5	0.5	0.5	210	55.0	53.0	196	86.9	115	196	56.7	69.1	196	56.7	69.7	196
06 -	0.0	0.5	1.0	0.0	1.0	240	51.5	47.5	251	58.8	27.6	251	56.7	69.2	251	56.7	68.3	251
07 L	0.0	1.0	0.0	0.0	1.0	150	61.7	84.0	136	83.6	93.1	136	56.7	64.2	136	56.7	69.7	136
08 -	0.0	1.0	0.5	0.0	1.0	180	52.3	59.7	166	85.2	99.4	166	56.7	75.0	166	56.7	69.1	166
09 C	0.0	1.0	1.0	0.0	1.0	210	55.0	53.0	196	86.9	115	196	56.7	69.1	196	56.7	69.7	196
10 On	0.5	0.0	0.0	0.5	0.5	30	49.6	80.9	40	50.5	111	40	56.7	68.3	40	56.7	71.3	40
11 Mn	0.5	0.0	0.5	0.5	0.5	329	36.3	49.4	328	57.0	128	328	56.7	76.9	328	56.7	75.9	328
12 -	0.5	0.0	1.0	0.0	1.0	299	31.2	50.6	317	43.5	126	317	56.7	71.1	317	56.7	70.1	317
13 Ln	0.5	0.5	0.0	0.5	0.5	90	85.6	87.7	103	92.6	93.0	103	56.7	69.6	103	56.7	70.1	103
14 Z	0.5	0.5	0.5	0.5	0.0	-	48.1	71.7	-	53.9	89.9	-	56.7	68.6	-	56.7	67.2	-
15 Vw	0.5	0.5	1.0	0.0	0.5	270	26.2	53.8	306	30.5	47.8	306	56.7	68.4	306	56.7	67.4	306
16 -	0.5	1.0	0.0	0.0	1.0	119	74.0	82.3	119	88.3	89.2	119	56.7	64.1	119	56.7	67.0	119
17 Lw	0.5	1.0	0.5	0.0	0.5	150	61.7	84.0	136	83.6	93.1	136	56.7	64.2	136	56.7	69.7	136
18 Mw	0.5	1.0	1.0	0.0	0.5	210	55.0	53.0	196	86.9	115	196	56.7	69.1	196	56.7	69.7	196
19 O	1.0	0.0	0.0	0.0	1.0	30	49.6	80.9	40	50.5	111	40	56.7	68.3	40	56.7	71.3	40
20 -	1.0	0.0	0.5	0.0	1.0	0	48.1	71.7	4	53.9	89.9	4	56.7	68.6	4	56.7	67.2	4
21 M	1.0	0.0	1.0	0.0	1.0	329	36.3	49.4	328	57.0	128	328	56.7	76.9	328	56.7	75.9	328
22 -	1.0	0.5	0.0	0.0	1.0	60	72.0	72.2	71	71.3	85.7	71	56.7	66.1	71	56.7	68.3	71
23 Ow	1.0	0.5	0.5	0.0	0.5	30	49.6	80.9	40	50.5	111	40	56.7	68.3	40	56.7	71.3	40
24 Mw	1.0	0.5	1.0	0.0	0.5	329	36.3	49.4	328	57.0	128	328	56.7	76.9	328	56.7	75.9	328
25 Y	1.0	1.0	0.0	0.0	1.0	90	85.6	87.7	103	92.6	93.0	103	56.7	69.6	103	56.7	70.1	103
26 Yw	1.0	1.0	0.5	0.0	0.5	90	85.6	87.7	103	92.6	93.0	103	56.7	69.6	103	56.7	70.1	103
27 W	1.0	1.0	1.0	0.0	0.0	-	48.1	71.7	-	53.9	89.9	-	56.7	68.6	-	56.7	67.2	-

$$a^*_{r0} = o^*_{30} \cos(30) + l^*_{30} \cos(150)$$

$$H^*_{s0} = \text{atan} (b^*_{r0} / a^*_{r0})$$

$$b^*_{r0} = o^*_{30} \sin(30) + l^*_{30} \sin(150) - v^*_{30} \sin(270)$$

$$H^*_{si0} = \text{round} (H^*_{s0})$$

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BAM-test chart ZE11; Transfer olv^*_{30} , $LCH^*_{a,M}$, nce^*_{30} , 2/12
TLS00, SRS18->ORS18, TLS00, NRS18, SRS18; 27 Colours

Colorimetric data for system lines SRS18 -> ORS18, TLS00, NRS18, SRS18

For input olv^*_{30} (SRS18) and output $LCH^*_{a,Mm}$ for 4 systems ($m=0$ to 4)
Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);
Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);
Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);
Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

	->SRS18			->SRS18			ORS18			TLS00			NRS18			SRS18		
no. Colour	olv^*_{30}			n^*, c^*, H^*_{si0}			$LCH^*_{a,M1}$			$LCH^*_{a,M2}$			$LCH^*_{a,M3}$			$LCH^*_{a,M4}$		
01 N	0.0	0.0	0.0	1.0	0.0	-	48.1	72.9	-	54.3	90.1	-	56.7	68.2	-	56.7	67.0	-
02 Vn	0.0	0.0	0.5	0.5	0.5	270	42.4	44.8	270	49.0	29.2	270	56.7	76.2	270	56.7	77.4	270
03 V	0.0	0.0	1.0	0.0	1.0	270	42.4	44.8	270	49.0	29.2	270	56.7	76.2	270	56.7	77.4	270
04 Ln	0.0	0.5	0.0	0.5	0.5	150	51.6	91.6	150	84.4	104	150	56.7	68.8	150	56.7	77.4	150
05 Cn	0.0	0.5	0.5	0.5	0.5	210	56.3	55.3	210	79.9	36.8	210	56.7	73.3	210	56.7	77.4	210
06 -	0.0	0.5	1.0	0.0	1.0	240	56.7	51.9	240	64.5	28.2	240	56.7	68.9	240	56.7	67.0	240
07 L	0.0	1.0	0.0	0.0	1.0	150	51.6	91.6	150	84.4	104	150	56.7	68.8	150	56.7	77.4	150
08 -	0.0	1.0	0.5	0.0	1.0	180	53.5	54.5	180	86.0	102	180	56.7	69.7	180	56.7	67.0	180
09 C	0.0	1.0	1.0	0.0	1.0	210	56.3	55.3	210	79.9	36.8	210	56.7	73.3	210	56.7	77.4	210
10 On	0.5	0.0	0.0	0.5	0.5	30	48.0	72.5	30	51.4	99.9	30	56.7	73.8	30	56.7	77.4	30
11 Mn	0.5	0.0	0.5	0.5	0.5	330	37.2	49.4	330	57.1	109	330	56.7	76.4	330	56.7	77.4	330
12 -	0.5	0.0	1.0	0.0	1.0	300	28.1	51.4	300	33.6	41.8	300	56.7	68.0	300	56.7	67.0	300
13 Ln	0.5	0.5	0.0	0.5	0.5	90	85.8	78.2	90	84.0	90.4	90	56.7	75.5	90	56.7	77.4	90
14 Z	0.5	0.5	0.5	0.5	0.0	-	48.1	72.9	-	54.3	90.1	-	56.7	68.2	-	56.7	67.0	-
15 Vw	0.5	0.5	1.0	0.0	0.5	270	42.4	44.8	270	49.0	29.2	270	56.7	76.2	270	56.7	77.4	270
16 -	0.5	1.0	0.0	0.0	1.0	120	73.3	82.2	120	88.0	89.2	120	56.7	63.9	120	56.7	67.0	120
17 Lw	0.5	1.0	0.5	0.0	0.5	150	51.6	91.6	150	84.4	104	150	56.7	68.8	150	56.7	77.4	150
18 Mw	0.5	1.0	1.0	0.0	0.5	210	56.3	55.3	210	79.9	36.8	210	56.7	73.3	210	56.7	77.4	210
19 O	1.0	0.0	0.0	0.0	1.0	30	48.0	72.5	30	51.4	99.9	30	56.7	73.8	30	56.7	77.4	30
20 -	1.0	0.0	0.5	0.0	1.0	0	48.1	72.9	0	54.3	90.1	0	56.7	68.2	0	56.7	67.0	0
21 M	1.0	0.0	1.0	0.0	1.0	330	37.2	49.4	330	57.1	109	330	56.7	76.4	330	56.7	77.4	330
22 -	1.0	0.5	0.0	0.0	1.0	60	64.1	72.6	60	63.9	87.4	60	56.7	64.6	60	56.7	67.0	60
23 Ow	1.0	0.5	0.5	0.0	0.5	30	48.0	72.5	30	51.4	99.9	30	56.7	73.8	30	56.7	77.4	30
24 Mw	1.0	0.5	1.0	0.0	0.5	330	37.2	49.4	330	57.1	109	330	56.7	76.4	330	56.7	77.4	330
25 Y	1.0	1.0	0.0	0.0	1.0	90	85.8	78.2	90	84.0	90.4	90	56.7	75.5	90	56.7	77.4	90
26 Yw	1.0	1.0	0.5	0.0	0.5	90	85.8	78.2	90	84.0	90.4	90	56.7	75.5	90	56.7	77.4	90
27 W	1.0	1.0	1.0	0.0	0.0	-	48.1	72.9	-	54.3	90.1	-	56.7	68.2	-	56.7	67.0	-

$$a^*_{r0} = o^*_{30} \cos(30) + l^*_{30} \cos(150)$$

$$H^*_{s0} = \text{atan} (b^*_{r0} / a^*_{r0})$$

$$b^*_{r0} = o^*_{30} \sin(30) + l^*_{30} \sin(150) - v^*_{30} \sin(270)$$

$$H^*_{si0} = \text{round} (H^*_{s0})$$

ZE111-7

input: rgb (-> olv^*_{30}) $setrgbcolor$
output: no change compared to input

Colorimetric data for system lines TLS00 -> ORS18, TLS00, NRS18, SRS18

For input olv^*_{30} (TLS00) and output LCH^*_{am} for 4 systems ($m=0$ to 4)

Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);

Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);

Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);

Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

no.	Colour	->TLS00 olv^*_{30}			->TLS00 n^*, c^*, H^*_{si0}			ORS18 LCH^*_{a1}			TLS00 LCH^*_{a2}			NRS18 LCH^*_{a3}			SRS18 LCH^*_{a4}		
01	N	0.0	0.0	0.0	1.0	0.0	-	18.0	0.0	-	0.0	0.0	-	18.0	0.0	-	18.0	0.0	-
02	Vn	0.0	0.0	0.5	0.5	0.5	270	22.1	26.9	306	15.3	23.9	306	37.4	34.2	306	37.4	33.7	306
03	V	0.0	0.0	1.0	0.0	1.0	270	26.2	53.8	306	30.5	47.8	306	56.7	68.4	306	56.7	67.4	306
04	Ln	0.0	0.5	0.0	0.5	0.5	150	39.9	42.0	136	41.8	46.5	136	37.4	32.1	136	37.4	34.9	136
05	Cn	0.0	0.5	0.5	0.5	0.5	210	36.5	26.5	196	43.4	57.3	196	37.4	34.6	196	37.4	34.9	196
06	-	0.0	0.5	1.0	0.0	1.0	240	51.5	47.5	251	58.8	27.6	251	56.7	69.2	251	56.7	68.3	251
07	L	0.0	1.0	0.0	0.0	1.0	150	61.7	84.0	136	83.6	93.1	136	56.7	64.2	136	56.7	69.7	136
08	-	0.0	1.0	0.5	0.0	1.0	180	52.3	59.7	166	85.2	99.4	166	56.7	75.0	166	56.7	69.1	166
09	C	0.0	1.0	1.0	0.0	1.0	210	55.0	53.0	196	86.9	115	196	56.7	69.1	196	56.7	69.7	196
10	On	0.5	0.0	0.0	0.5	0.5	30	33.8	40.4	40	25.3	55.5	40	37.4	34.1	40	37.4	35.7	40
11	Mn	0.5	0.0	0.5	0.5	0.5	329	27.2	24.7	328	28.5	64.2	328	37.4	38.5	328	37.4	38.0	328
12	-	0.5	0.0	1.0	0.0	1.0	299	31.2	50.6	317	43.5	126	317	56.7	71.1	317	56.7	70.1	317
13	Ln	0.5	0.5	0.0	0.5	0.5	90	51.8	43.9	103	46.3	46.5	103	37.4	34.8	103	37.4	35.0	103
14	Z	0.5	0.5	0.5	0.5	0.0	-	56.7	0.0	-	47.7	0.0	-	56.7	0.0	-	56.7	0.0	-
15	Vw	0.5	0.5	1.0	0.0	0.5	270	60.8	26.9	306	63.0	23.9	306	76.1	34.2	306	76.1	33.7	306
16	-	0.5	1.0	0.0	0.0	1.0	119	74.0	82.3	119	88.3	89.2	119	56.7	64.1	119	56.7	67.0	119
17	Lw	0.5	1.0	0.5	0.0	0.5	150	78.6	42.0	136	89.5	46.5	136	76.1	32.1	136	76.1	34.9	136
18	Mw	0.5	1.0	1.0	0.0	0.5	210	75.2	26.5	196	91.1	57.3	196	76.1	34.6	196	76.1	34.9	196
19	O	1.0	0.0	0.0	0.0	1.0	30	49.6	80.9	40	50.5	111	40	56.7	68.3	40	56.7	71.3	40
20	-	1.0	0.0	0.5	0.0	1.0	0	48.1	71.7	4	53.9	89.9	4	56.7	68.6	4	56.7	67.2	4
21	M	1.0	0.0	1.0	0.0	1.0	329	36.3	49.4	328	57.0	128	328	56.7	76.9	328	56.7	75.9	328
22	-	1.0	0.5	0.0	0.0	1.0	60	72.0	72.2	71	71.3	85.7	71	56.7	66.1	71	56.7	68.3	71
23	Ow	1.0	0.5	0.5	0.0	0.5	30	72.5	40.4	40	73.0	55.5	40	76.1	34.1	40	76.1	35.7	40
24	Mw	1.0	0.5	1.0	0.0	0.5	329	65.9	24.7	328	76.2	64.2	328	76.1	38.5	328	76.1	38.0	328
25	Y	1.0	1.0	0.0	0.0	1.0	90	85.6	87.7	103	92.6	93.0	103	56.7	69.6	103	56.7	70.1	103
26	Yw	1.0	1.0	0.5	0.0	0.5	90	90.5	43.9	103	94.0	46.5	103	76.1	34.8	103	76.1	35.0	103
27	W	1.0	1.0	1.0	0.0	0.0	-	95.4	0.0	-	95.4	0.0	-	95.4	0.0	-	95.4	0.0	-

$$a^*_{r0} = o^*_{30} \cos(30) + l^*_{30} \cos(150)$$

$$H^*_{s0} = \text{atan} (b^*_{r0} / a^*_{r0})$$

$$b^*_{r0} = o^*_{30} \sin(30) + l^*_{30} \sin(150) - v^*_{30} \sin(270)$$

$$H^*_{si0} = \text{round} (H^*_{s0})$$

ZE110-7

BAM-test chart ZE11; Transfer olv^*_{30} , LCH^*_{a1} , nce^* , 3/12
TLS00, SRS18->ORS18, TLS00, NRS18, SRS18; 27 Colours

Colorimetric data for system lines SRS18 -> ORS18, TLS00, NRS18, SRS18

For input olv^*_{30} (SRS18) and output LCH^*_{am} for 4 systems ($m=0$ to 4)

Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);

Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);

Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);

Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

no.	Colour	->SRS18 olv^*_{30}			->SRS18 n^*, c^*, H^*_{si0}			ORS18 LCH^*_{a1}			TLS00 LCH^*_{a2}			NRS18 LCH^*_{a3}			SRS18 LCH^*_{a4}		
01	N	0.0	0.0	0.0	1.0	0.0	-	18.0	0.0	-	0.0	0.0	-	18.0	0.0	-	18.0	0.0	-
02	Vn	0.0	0.0	0.5	0.5	0.5	270	30.2	22.4	270	24.5	14.6	270	37.4	38.1	270	37.4	38.7	270
03	V	0.0	0.0	1.0	0.0	1.0	270	42.4	44.8	270	49.0	29.2	270	56.7	76.2	270	56.7	77.4	270
04	Ln	0.0	0.5	0.0	0.5	0.5	150	34.8	45.8	150	42.2	51.8	150	37.4	34.4	150	37.4	38.7	150
05	Cn	0.0	0.5	0.5	0.5	0.5	210	37.1	27.6	210	39.9	18.4	210	37.4	36.7	210	37.4	38.7	210
06	-	0.0	0.5	1.0	0.0	1.0	240	56.7	51.9	240	64.5	28.2	240	56.7	68.9	240	56.7	67.0	240
07	L	0.0	1.0	0.0	0.0	1.0	150	51.6	91.6	150	84.4	104	150	56.7	68.8	150	56.7	77.4	150
08	-	0.0	1.0	0.5	0.0	1.0	180	53.5	54.5	180	86.0	102	180	56.7	69.7	180	56.7	67.0	180
09	C	0.0	1.0	1.0	0.0	1.0	210	56.3	55.3	210	79.9	36.8	210	56.7	73.3	210	56.7	77.4	210
10	On	0.5	0.0	0.0	0.5	0.5	30	33.0	36.2	30	25.7	50.0	30	37.4	36.9	30	37.4	38.7	30
11	Mn	0.5	0.0	0.5	0.5	0.5	330	27.6	24.7	330	28.6	54.3	330	37.4	38.2	330	37.4	38.7	330
12	-	0.5	0.0	1.0	0.0	1.0	300	28.1	51.4	300	33.6	41.8	300	56.7	68.0	300	56.7	67.0	300
13	Ln	0.5	0.5	0.0	0.5	0.5	90	51.9	39.1	90	42.0	45.2	90	37.4	37.7	90	37.4	38.7	90
14	Z	0.5	0.5	0.5	0.5	0.0	-	56.7	0.0	-	47.7	0.0	-	56.7	0.0	-	56.7	0.0	-
15	Vw	0.5	0.5	1.0	0.0	0.5	270	68.9	22.4	270	72.2	14.6	270	76.1	38.1	270	76.1	38.7	270
16	-	0.5	1.0	0.0	0.0	1.0	120	73.3	82.2	120	88.0	89.2	120	56.7	63.9	120	56.7	67.0	120
17	Lw	0.5	1.0	0.5	0.0	0.5	150	73.5	45.8	150	89.9	51.8	150	76.1	34.4	150	76.1	38.7	150
18	Mw	0.5	1.0	1.0	0.0	0.5	210	75.8	27.6	210	87.6	18.4	210	76.1	36.7	210	76.1	38.7	210
19	O	1.0	0.0	0.0	0.0	1.0	30	48.0	72.5	30	51.4	99.9	30	56.7	73.8	30	56.7	77.4	30
20	-	1.0	0.0	0.5	0.0	1.0	0	48.1	72.9	0	54.3	90.1	0	56.7	68.2	0	56.7	67.0	0
21	M	1.0	0.0	1.0	0.0	1.0	330	37.2	49.4	330	57.1	109	330	56.7	76.4	330	56.7	77.4	330
22	-	1.0	0.5	0.0	0.0	1.0	60	64.1	72.6	60	63.9	87.4	60	56.7	64.6	60	56.7	67.0	60
23	Ow	1.0	0.5	0.5	0.0	0.5	30	71.7	36.2	30	73.4	50.0	30	76.1	36.9	30	76.1	38.7	30
24	Mw	1.0	0.5	1.0	0.0	0.5	330	66.3	24.7	330	76.3	54.3	330	76.1	38.2	330	76.1	38.7	330
25	Y	1.0	1.0	0.0	0.0	1.0	90	85.8	78.2	90	84.0	90.4	90	56.7	75.5	90	56.7	77.4	90
26	Yw	1.0	1.0	0.5	0.0	0.5	90	90.6	39.1	90	89.7	45.2	90	76.1	37.7	90	76.1	38.7	90
27	W	1.0	1.0	1.0	0.0	0.0	-	95.4	0.0	-	95.4	0.0	-	95.4	0.0	-	95.4	0.0	-

$$a^*_{r0} = o^*_{30} \cos(30) + l^*_{30} \cos(150)$$

$$H^*_{s0} = \text{atan} (b^*_{r0} / a^*_{r0})$$

$$b^*_{r0} = o^*_{30} \sin(30) + l^*_{30} \sin(150) - v^*_{30} \sin(270)$$

$$H^*_{si0} = \text{round} (H^*_{s0})$$

ZE111-7

input: rgb (-> olv^*_{30}) $setrgbcolor$
output: no change compared to input

Colorimetric data for system lines TLS00 -> ORS18, TLS00, NRS18, SRS18

For input olv^*_{30} (TLS00) and output $H^*_{aim} H^*_{eim}$ for 4 systems ($m=0$ to 4)
Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);
Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);
Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);
Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

	->TLS00			->TLS00			ORS18		TLS00		NRS18		SRS18	
no. Colour	olv^*_{30}	n^*	c^*	H^*_{si0}	H^*_{ai1}	H^*_{ei1}	H^*_{ai2}	H^*_{ei2}	H^*_{ai3}	H^*_{ei3}	H^*_{ai4}	H^*_{ei4}		
01 N	0.0	0.0	0.0	1.0	0.0	-	-	-	-	-	-	-		
02 Vn	0.0	0.0	0.5	0.5	0.5	270	306	298	306	297	306	297		
03 V	0.0	0.0	1.0	0.0	1.0	270	306	298	306	297	306	297		
04 Ln	0.0	0.5	0.0	0.5	0.5	150	136	145	136	146	136	146		
05 Cn	0.0	0.5	0.5	0.5	0.5	210	196	207	196	208	196	208		
06 -	0.0	0.5	1.0	0.0	1.0	240	251	253	251	253	251	253		
07 L	0.0	1.0	0.0	0.0	1.0	150	136	145	136	146	136	146		
08 -	0.0	1.0	0.5	0.0	1.0	180	166	181	166	183	166	183		
09 C	0.0	1.0	1.0	0.0	1.0	210	196	207	196	208	196	208		
10 On	0.5	0.0	0.0	0.5	0.5	30	40	20	40	19	40	19		
11 Mn	0.5	0.0	0.5	0.5	0.5	329	328	315	328	315	328	315		
12 -	0.5	0.0	1.0	0.0	1.0	299	317	306	317	306	317	306		
13 Ln	0.5	0.5	0.0	0.5	0.5	90	103	104	103	104	103	104		
14 Z	0.5	0.5	0.5	0.5	0.0	-	-	-	-	-	-	-		
15 Vw	0.5	0.5	1.0	0.0	0.5	270	306	298	306	297	306	297		
16 -	0.5	1.0	0.0	0.0	1.0	119	119	124	119	124	119	124		
17 Lw	0.5	1.0	0.5	0.0	0.5	150	136	145	136	146	136	146		
18 Mw	0.5	1.0	1.0	0.0	0.5	210	196	207	196	208	196	208		
19 O	1.0	0.0	0.0	0.0	1.0	30	40	20	40	19	40	19		
20 -	1.0	0.0	0.5	0.0	1.0	0	4	343	4	343	4	343		
21 M	1.0	0.0	1.0	0.0	1.0	329	328	315	328	315	328	315		
22 -	1.0	0.5	0.0	0.0	1.0	60	71	62	71	61	71	61		
23 Ow	1.0	0.5	0.5	0.0	0.5	30	40	20	40	19	40	19		
24 Mw	1.0	0.5	1.0	0.0	0.5	329	328	315	328	315	328	315		
25 Y	1.0	1.0	0.0	0.0	1.0	90	103	104	103	104	103	104		
26 Yw	1.0	1.0	0.5	0.0	0.5	90	103	104	103	104	103	104		
27 W	1.0	1.0	1.0	0.0	0.0	-	-	-	-	-	-	-		

$$a^*_{r0} = o^*_{30} \cos(30) + l^*_{30} \cos(150)$$

$$H^*_{s0} = \text{atan} (b^*_{r0} / a^*_{r0})$$

$$b^*_{r0} = o^*_{30} \sin(30) + l^*_{30} \sin(150) - v^*_{30} \sin(270)$$

$$H^*_{si0} = \text{round} (H^*_{s0})$$

ZE110-7

BAM-test chart ZE11; Transfer olv^*_{30} , LCH*a, nce*, 4/12
TLS00, SRS18->ORS18, TLS00, NRS18, SRS18; 27 Colours

Colorimetric data for system lines SRS18 -> ORS18, TLS00, NRS18, SRS18

For input olv^*_{30} (SRS18) and output $H^*_{aim} H^*_{eim}$ for 4 systems ($m=0$ to 4)
Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);
Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);
Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);
Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

	->SRS18			->SRS18			ORS18		TLS00		NRS18		SRS18		
no.	Colour	olv^*_{30}		n^*	c^*	H^*_{si0}	H^*_{ai1}	H^*_{ei1}	H^*_{ai2}	H^*_{ei2}	H^*_{ai3}	H^*_{ei3}	H^*_{ai4}	H^*_{ei4}	
01	N	0.0	0.0	0.0	1.0	0.0	-	-	-	-	-	-	-	-	
02	Vn	0.0	0.0	0.5	0.5	0.5	270	270	269	270	269	270	269	270	269
03	V	0.0	0.0	1.0	0.0	1.0	270	270	269	270	269	270	269	270	269
04	Ln	0.0	0.5	0.0	0.5	0.5	150	150	162	150	164	150	164	150	164
05	Cn	0.0	0.5	0.5	0.5	0.5	210	210	218	210	219	210	219	210	219
06	-	0.0	0.5	1.0	0.0	1.0	240	240	244	240	244	240	244	240	244
07	L	0.0	1.0	0.0	0.0	1.0	150	150	162	150	164	150	164	150	164
08	-	0.0	1.0	0.5	0.0	1.0	180	180	193	180	195	180	195	180	195
09	C	0.0	1.0	1.0	0.0	1.0	210	210	218	210	219	210	219	210	219
10	On	0.5	0.0	0.0	0.5	0.5	30	30	7	30	6	30	6	30	6
11	Mn	0.5	0.0	0.5	0.5	0.5	330	330	317	330	316	330	316	330	316
12	-	0.5	0.0	1.0	0.0	1.0	300	300	293	300	292	300	292	300	292
13	Ln	0.5	0.5	0.0	0.5	0.5	90	90	87	90	87	90	87	90	87
14	Z	0.5	0.5	0.5	0.5	0.0	-	-	-	-	-	-	-	-	-
15	Vw	0.5	0.5	1.0	0.0	0.5	270	270	269	270	269	270	269	270	269
16	-	0.5	1.0	0.0	0.0	1.0	120	120	125	120	126	120	126	120	126
17	Lw	0.5	1.0	0.5	0.0	0.5	150	150	162	150	164	150	164	150	164
18	Mw	0.5	1.0	1.0	0.0	0.5	210	210	218	210	219	210	219	210	219
19	O	1.0	0.0	0.0	0.0	1.0	30	30	7	30	6	30	6	30	6
20	-	1.0	0.0	0.5	0.0	1.0	0	0	340	0	340	0	340	0	340
21	M	1.0	0.0	1.0	0.0	1.0	330	330	317	330	316	330	316	330	316
22	-	1.0	0.5	0.0	0.0	1.0	60	60	47	60	46	60	46	60	46
23	Ow	1.0	0.5	0.5	0.0	0.5	30	30	7	30	6	30	6	30	6
24	Mw	1.0	0.5	1.0	0.0	0.5	330	330	317	330	316	330	316	330	316
25	Y	1.0	1.0	0.0	0.0	1.0	90	90	87	90	87	90	87	90	87
26	Yw	1.0	1.0	0.5	0.0	0.5	90	90	87	90	87	90	87	90	87
27	W	1.0	1.0	1.0	0.0	0.0	-	-	-	-	-	-	-	-	-

$$a^*_{r0} = o^*_{30} \cos(30) + l^*_{30} \cos(150)$$

$$H^*_{s0} = \text{atan} (b^*_{r0} / a^*_{r0})$$

$$b^*_{r0} = o^*_{30} \sin(30) + l^*_{30} \sin(150) - v^*_{30} \sin(270)$$

$$H^*_{si0} = \text{round} (H^*_{s0})$$

ZE111-7

input: $rgb (->olv^*_{30})$ setrgbcolor
output: no change compared to input

Colorimetric data for system lines TLS00 -> ORS18, TLS00, NRS18, SRS18

For input LCH^*_{a0} (TLS00) and output olv^*_{3m} for 4 systems ($m=0$ to 4)

Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);

Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);

Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);

Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

no.	Colour	->TLS00 LCH^*_{a0}	->TLS00 n^*, c^*, H^*_{ai0}	ORS18 olv^*_{31}	TLS00 olv^*_{32}	NRS18 olv^*_{33}	SRS18 olv^*_{34}
01	N	0.0 0.0 -	1.0 0.0 -	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
02	Vn	15.3 23.9 306	0.5 0.5 306	0.01 0.0 0.5	0.0 0.0 0.5	0.3 0.0 0.5	0.3 0.0 0.5
03	V	30.5 47.8 306	0.0 1.0 306	0.02 0.0 1.0	0.0 0.0 1.0	0.6 0.0 1.0	0.6 0.0 1.0
04	Ln	41.8 46.5 136	0.5 0.5 136	0.14 0.5 0.0	0.0 0.5 0.0	0.19 0.5 0.0	0.12 0.5 0.0
05	Cn	43.4 57.3 196	0.5 0.5 196	0.0 0.5 0.26	0.0 0.5 0.5	0.0 0.5 0.31	0.0 0.5 0.38
06	-	58.8 27.6 251	0.0 1.0 251	0.0 0.78 1.0	0.0 0.5 1.0	0.0 0.38 1.0	0.0 0.32 1.0
07	L	83.6 93.1 136	0.0 1.0 136	0.27 1.0 0.0	0.0 0.0 1.0	0.38 1.0 0.0	0.23 1.0 0.0
08	-	85.2 99.4 166	0.0 1.0 166	0.0 1.0 0.18	0.0 1.0 0.5	0.0 1.0 0.07	0.0 1.0 0.27
09	C	86.9 115 196	0.0 1.0 196	0.0 1.0 0.53	0.0 1.0 0.99	0.0 1.0 0.62	0.0 1.0 0.77
10	On	25.3 55.5 40	0.5 0.5 40	0.5 0.02 0.0	0.5 0.0 0.5	0.11 0.0 0.5	0.08 0.0 0.5
11	Mn	28.5 64.2 328	0.5 0.5 328	0.24 0.0 0.5	0.49 0.0 0.5	0.49 0.0 0.5	0.48 0.0 0.5
12	-	43.5 126 317	0.0 1.0 317	0.25 0.0 1.0	0.49 0.0 1.0	0.8 0.0 1.0	0.78 0.0 1.0
13	Ln	46.3 46.5 103	0.5 0.5 103	0.44 0.5 0.0	0.5 0.5 0.0	0.42 0.5 0.0	0.39 0.5 0.0
14	Z	47.7 0.0 -	0.5 0.0 -	0.5 0.5 0.5	0.5 0.5 0.5	0.5 0.5 0.5	0.5 0.5 0.5
15	Vw	63.0 23.9 306	0.0 0.5 306	0.51 0.5 1.0	0.5 0.5 1.0	0.8 0.5 1.0	0.8 0.5 1.0
16	-	88.3 89.2 119	0.0 1.0 119	0.59 1.0 0.0	0.51 1.0 0.0	0.62 1.0 0.0	0.52 1.0 0.0
17	Lw	89.5 46.5 136	0.0 0.5 136	0.64 1.0 0.5	0.5 0.5 1.0	0.69 1.0 0.5	0.62 1.0 0.5
18	Mw	91.1 57.3 196	0.0 0.5 196	0.5 1.0 0.76	0.5 1.0 1.0	0.5 1.0 0.81	0.5 1.0 0.88
19	O	50.5 111 40	0.0 1.0 40	1.0 0.04 0.0	1.0 0.0 0.0	1.0 0.22 0.0	1.0 0.17 0.0
20	-	53.9 89.9 4	0.0 1.0 4	1.0 0.0 0.77	1.0 0.0 0.5	1.0 0.0 0.38	1.0 0.0 0.43
21	M	57.0 128 328	0.0 1.0 328	0.47 0.0 1.0	0.99 0.0 1.0	0.99 0.0 1.0	0.97 0.0 1.0
22	-	71.3 85.7 71	0.0 1.0 71	1.0 0.57 0.0	1.0 0.49 0.0	1.0 0.68 0.0	1.0 0.68 0.0
23	Ow	73.0 55.5 40	0.0 0.5 40	1.0 0.52 0.5	1.0 0.5 0.5	1.0 0.61 0.5	1.0 0.58 0.5
24	Mw	76.2 64.2 328	0.0 0.5 328	0.74 0.5 1.0	0.99 0.5 1.0	0.99 0.5 1.0	0.98 0.5 1.0
25	Y	92.6 93.0 103	0.0 1.0 103	0.88 1.0 0.0	1.0 1.0 0.0	0.85 1.0 0.0	0.78 1.0 0.0
26	Yw	94.0 46.5 103	0.0 0.5 103	0.94 1.0 0.5	1.0 1.0 0.5	0.92 1.0 0.5	0.89 1.0 0.5
27	W	95.4 0.0 -	0.0 0.0 -	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0

$$H^*_{ai0} = \text{round} (H^*_{a0})$$

Colorimetric data for system lines SRS18 -> ORS18, TLS00, NRS18, SRS18

For input LCH^*_{a0} (SRS18) and output olv^*_{3m} for 4 systems ($m=0$ to 4)

Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);

Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);

Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);

Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

no.	Colour	->SRS18 LCH^*_{a0}	->SRS18 n^*, c^*, H^*_{ai0}	ORS18 olv^*_{31}	TLS00 olv^*_{32}	NRS18 olv^*_{33}	SRS18 olv^*_{34}
01	N	18.0 0.0 -	1.0 0.0 -	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
02	Vn	37.4 38.7 270	0.5 0.5 270	0.0 0.25 0.5	0.0 0.17 0.5	0.0 0.02 0.5	0.0 0.0 0.5
03	V	56.7 77.4 270	0.0 1.0 270	0.0 0.51 1.0	0.0 0.33 1.0	0.0 0.03 1.0	0.0 0.0 1.0
04	Ln	37.4 38.7 150	0.5 0.5 150	0.01 0.5 0.0	0.0 0.5 0.12	0.09 0.5 0.0	0.0 0.0 0.5
05	Cn	37.4 38.7 210	0.5 0.5 210	0.0 0.5 0.35	0.0 0.44 0.5	0.0 0.5 0.44	0.0 0.5 0.5
06	-	56.7 67.0 240	0.0 1.0 240	0.0 0.94 1.0	0.0 0.6 1.0	0.0 0.58 1.0	0.0 0.5 1.0
07	L	56.7 77.4 150	0.0 1.0 150	0.02 1.0 0.0	0.0 1.0 0.23	0.17 1.0 0.0	0.0 1.0 0.0
08	-	56.7 67.0 180	0.0 1.0 180	0.0 1.0 0.34	0.0 1.0 0.73	0.0 1.0 0.32	0.0 1.0 0.5
09	C	56.7 77.4 210	0.0 1.0 210	0.0 1.0 0.69	0.0 0.88 1.0	0.0 1.0 0.87	0.0 1.0 1.0
10	On	37.4 38.7 30	0.5 0.5 30	0.5 0.0 0.09	0.5 0.0 0.07	0.5 0.03 0.0	0.5 0.0 0.0
11	Mn	37.4 38.7 330	0.5 0.5 330	0.26 0.0 0.5	0.5 0.0 0.49	0.5 0.0 0.49	0.5 0.0 0.5
12	-	56.7 67.0 300	0.0 1.0 300	0.0 0.07 1.0	0.0 0.06 1.0	0.5 0.0 1.0	0.5 0.0 1.0
13	Ln	37.4 38.7 90	0.5 0.5 90	0.5 0.45 0.0	0.5 0.4 0.0	0.5 0.48 0.0	0.5 0.5 0.0
14	Z	56.7 0.0 -	0.5 0.0 -	0.5 0.5 0.5	0.5 0.5 0.5	0.5 0.5 0.5	0.5 0.5 0.5
15	Vw	76.1 38.7 270	0.0 0.5 270	0.5 0.75 1.0	0.5 0.67 1.0	0.5 0.52 1.0	0.5 0.5 1.0
16	-	56.7 67.0 120	0.0 1.0 120	0.57 1.0 0.0	0.48 1.0 0.0	0.6 1.0 0.0	0.5 1.0 0.0
17	Lw	76.1 38.7 150	0.0 0.5 150	0.51 1.0 0.5	0.5 0.5 1.0	0.62 0.59 1.0	0.5 0.5 1.0
18	Mw	76.1 38.7 210	0.0 0.5 210	0.5 1.0 0.85	0.5 0.94 1.0	0.5 1.0 0.94	0.5 1.0 1.0
19	O	56.7 77.4 30	0.0 1.0 30	1.0 0.0 0.17	1.0 0.0 0.14	1.0 0.07 0.0	1.0 0.0 0.0
20	-	56.7 67.0 0	0.0 1.0 0	1.0 0.0 0.86	1.0 0.0 0.56	1.0 0.0 0.45	1.0 0.0 0.5
21	M	56.7 77.4 330	0.0 1.0 330	0.51 0.0 1.0	1.0 0.0 0.98	1.0 0.0 0.98	1.0 0.0 1.0
22	-	56.7 67.0 60	0.0 1.0 60	1.0 0.38 0.0	1.0 0.32 0.0	1.0 0.52 0.0	1.0 0.5 0.0
23	Ow	76.1 38.7 30	0.0 0.5 30	1.0 0.5 0.59	1.0 0.5 0.57	1.0 0.53 0.5	1.0 0.5 0.5
24	Mw	76.1 38.7 330	0.0 0.5 330	0.76 0.5 1.0	1.0 0.5 0.99	1.0 0.5 0.99	1.0 0.5 1.0
25	Y	56.7 77.4 90	0.0 1.0 90	1.0 0.89 0.0	1.0 0.8 0.0	1.0 0.97 0.0	1.0 1.0 0.0
26	Yw	76.1 38.7 90	0.0 0.5 90	1.0 0.95 0.5	1.0 0.9 0.5	1.0 0.98 0.5	1.0 1.0 0.5
27	W	95.4 0.0 -	0.0 0.0 -	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0	1.0 1.0 1.0

$$H^*_{ai0} = \text{round} (H^*_{a0})$$

Colorimetric data for system lines TLS00 -> ORS18, TLS00, NRS18, SRS18

For input LCH^*_{a0} (TLS00) and output $LCH^*_{a,Mm}$ for 4 systems ($m=0$ to 4)
Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);
Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);
Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);
Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

no.	Colour	->TLS00 LCH^*_{a0}	->TLS00 n^*, c^*, H^*_{ai0}	ORS18 $LCH^*_{a,M1}$	TLS00 $LCH^*_{a,M2}$	NRS18 $LCH^*_{a,M3}$	SRS18 $LCH^*_{a,M4}$
01	N	0.0 0.0 -	1.0 0.0 -	48.1 71.7 -	53.9 89.9 -	56.7 68.6 -	56.7 67.2 -
02	Vn	15.3 23.9 306 0.5 0.5	306 26.2 53.8 306	30.5 47.8 306	56.7 68.4 306	56.7 67.4 306	
03	V	30.5 47.8 306 0.0 1.0	306 26.2 53.8 306	30.5 47.8 306	56.7 68.4 306	56.7 67.4 306	
04	Ln	41.8 46.5 136 0.5 0.5	136 61.7 84.0 136	83.6 93.1 136	56.7 64.2 136	56.7 69.7 136	
05	Cn	43.4 57.3 196 0.5 0.5	196 55.0 53.0 196	86.9 115 196	56.7 69.1 196	56.7 69.7 196	
06	-	58.8 27.6 251 0.0 1.0	251 51.5 47.5 251	58.8 27.6 251	56.7 69.2 251	56.7 68.3 251	
07	L	83.6 93.1 136 0.0 1.0	136 61.7 84.0 136	83.6 93.1 136	56.7 64.2 136	56.7 69.7 136	
08	-	85.2 99.4 166 0.0 1.0	166 52.3 59.7 166	85.2 99.4 166	56.7 75.0 166	56.7 69.1 166	
09	C	86.9 115 196 0.0 1.0	196 55.0 53.0 196	86.9 115 196	56.7 69.1 196	56.7 69.7 196	
10	On	25.3 55.5 40 0.5 0.5	40 49.6 80.9 40	50.5 111 40	56.7 68.3 40	56.7 71.3 40	
11	Mn	28.5 64.2 328 0.5 0.5	328 36.3 49.4 328	57.0 128 328	56.7 76.9 328	56.7 75.9 328	
12	-	43.5 126 317 0.0 1.0	317 31.2 50.6 317	43.5 126 317	56.7 71.1 317	56.7 70.1 317	
13	Ln	46.3 46.5 103 0.5 0.5	103 85.6 87.7 103	92.6 93.0 103	56.7 69.6 103	56.7 70.1 103	
14	Z	47.7 0.0 -	0.5 0.0 -	48.1 71.7 -	53.9 89.9 -	56.7 68.6 -	56.7 67.2 -
15	Vw	63.0 23.9 306 0.0 0.5	306 26.2 53.8 306	30.5 47.8 306	56.7 68.4 306	56.7 67.4 306	
16	-	88.3 89.2 119 0.0 1.0	119 74.0 82.3 119	88.3 89.2 119	56.7 64.1 119	56.7 67.0 119	
17	Lw	89.5 46.5 136 0.0 0.5	136 61.7 84.0 136	83.6 93.1 136	56.7 64.2 136	56.7 69.7 136	
18	Mw	91.1 57.3 196 0.0 0.5	196 55.0 53.0 196	86.9 115 196	56.7 69.1 196	56.7 69.7 196	
19	O	50.5 111 40 0.0 1.0	40 49.6 80.9 40	50.5 111 40	56.7 68.3 40	56.7 71.3 40	
20	-	53.9 89.9 4 0.0 1.0	4 48.1 71.7 4	53.9 89.9 4	56.7 68.6 4	56.7 67.2 4	
21	M	57.0 128 328 0.0 1.0	328 36.3 49.4 328	57.0 128 328	56.7 76.9 328	56.7 75.9 328	
22	-	71.3 85.7 71 0.0 1.0	71 72.0 72.2 71	71.3 85.7 71	56.7 66.1 71	56.7 68.3 71	
23	Ow	73.0 55.5 40 0.0 0.5	40 49.6 80.9 40	50.5 111 40	56.7 68.3 40	56.7 71.3 40	
24	Mw	76.2 64.2 328 0.0 0.5	328 36.3 49.4 328	57.0 128 328	56.7 76.9 328	56.7 75.9 328	
25	Y	92.6 93.0 103 0.0 1.0	103 85.6 87.7 103	92.6 93.0 103	56.7 69.6 103	56.7 70.1 103	
26	Yw	94.0 46.5 103 0.0 0.5	103 85.6 87.7 103	92.6 93.0 103	56.7 69.6 103	56.7 70.1 103	
27	W	95.4 0.0 -	0.0 0.0 -	48.1 71.7 -	53.9 89.9 -	56.7 68.6 -	56.7 67.2 -

$$H^*_{ai0} = \text{round} (H^*_{a0})$$

Colorimetric data for system lines SRS18 -> ORS18, TLS00, NRS18, SRS18

For input LCH^*_{a0} (SRS18) and output $LCH^*_{a,Mm}$ for 4 systems ($m=0$ to 4)
Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);
Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);
Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);
Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

no.	Colour	->SRS18 LCH^*_{a0}	->SRS18 n^*, c^*, H^*_{ai0}	ORS18 $LCH^*_{a,M1}$	TLS00 $LCH^*_{a,M2}$	NRS18 $LCH^*_{a,M3}$	SRS18 $LCH^*_{a,M4}$
01	N	18.0 0.0 -	1.0 0.0 -	48.1 72.9 -	54.3 90.1 -	56.7 68.2 -	56.7 67.0 -
02	Vn	37.4 38.7 270 0.5 0.5	270 42.4 44.8 270	49.0 29.2 270	56.7 76.2 270	56.7 77.4 270	
03	V	56.7 77.4 270 0.0 1.0	270 42.4 44.8 270	49.0 29.2 270	56.7 76.2 270	56.7 77.4 270	
04	Ln	37.4 38.7 150 0.5 0.5	150 51.6 91.6 150	84.4 104 150	56.7 68.8 150	56.7 77.4 150	
05	Cn	37.4 38.7 210 0.5 0.5	210 56.3 55.3 210	79.9 36.8 210	56.7 73.3 210	56.7 77.4 210	
06	-	56.7 67.0 240 0.0 1.0	240 56.7 51.9 240	64.5 28.2 240	56.7 68.9 240	56.7 67.0 240	
07	L	56.7 77.4 150 0.0 1.0	150 51.6 91.6 150	84.4 104 150	56.7 68.8 150	56.7 77.4 150	
08	-	56.7 67.0 180 0.0 1.0	180 53.5 54.5 180	86.0 102 180	56.7 69.7 180	56.7 67.0 180	
09	C	56.7 77.4 210 0.0 1.0	210 56.3 55.3 210	79.9 36.8 210	56.7 73.3 210	56.7 77.4 210	
10	On	37.4 38.7 30 0.5 0.5	30 48.0 72.5 30	51.4 99.9 30	56.7 73.8 30	56.7 77.4 30	
11	Mn	37.4 38.7 330 0.5 0.5	330 37.2 49.4 330	57.1 109 330	56.7 76.4 330	56.7 77.4 330	
12	-	56.7 67.0 300 0.0 1.0	300 28.1 51.4 300	33.6 41.8 300	56.7 68.0 300	56.7 67.0 300	
13	Ln	37.4 38.7 90 0.5 0.5	90 85.8 78.2 90	84.0 90.4 90	56.7 75.5 90	56.7 77.4 90	
14	Z	56.7 0.0 -	0.5 0.0 -	48.1 72.9 -	54.3 90.1 -	56.7 68.2 -	56.7 67.0 -
15	Vw	76.1 38.7 270 0.0 0.5	270 42.4 44.8 270	49.0 29.2 270	56.7 76.2 270	56.7 77.4 270	
16	-	56.7 67.0 120 0.0 1.0	120 73.3 82.2 120	88.0 89.2 120	56.7 63.9 120	56.7 67.0 120	
17	Lw	76.1 38.7 150 0.0 0.5	150 51.6 91.6 150	84.4 104 150	56.7 68.8 150	56.7 77.4 150	
18	Mw	76.1 38.7 210 0.0 0.5	210 56.3 55.3 210	79.9 36.8 210	56.7 73.3 210	56.7 77.4 210	
19	O	56.7 77.4 30 0.0 1.0	30 48.0 72.5 30	51.4 99.9 30	56.7 73.8 30	56.7 77.4 30	
20	-	56.7 67.0 0 0.0 1.0	0 48.1 72.9 0	54.3 90.1 0	56.7 68.2 0	56.7 67.0 0	
21	M	56.7 77.4 330 0.0 1.0	330 37.2 49.4 330	57.1 109 330	56.7 76.4 330	56.7 77.4 330	
22	-	56.7 67.0 60 0.0 1.0	60 64.1 72.6 60	63.9 87.4 60	56.7 64.6 60	56.7 67.0 60	
23	Ow	76.1 38.7 30 0.0 0.5	30 48.0 72.5 30	51.4 99.9 30	56.7 73.8 30	56.7 77.4 30	
24	Mw	76.1 38.7 330 0.0 0.5	330 37.2 49.4 330	57.1 109 330	56.7 76.4 330	56.7 77.4 330	
25	Y	56.7 77.4 90 0.0 1.0	90 85.8 78.2 90	84.0 90.4 90	56.7 75.5 90	56.7 77.4 90	
26	Yw	76.1 38.7 90 0.0 0.5	90 85.8 78.2 90	84.0 90.4 90	56.7 75.5 90	56.7 77.4 90	
27	W	95.4 0.0 -	0.0 0.0 -	48.1 72.9 -	54.3 90.1 -	56.7 68.2 -	56.7 67.0 -

$$H^*_{ai0} = \text{round} (H^*_{a0})$$

Colorimetric data for system lines TLS00 -> ORS18, TLS00, NRS18, SRS18

For input LCH^*_{a0} (TLS00) and output LCH^*_{am} for 4 systems ($m=0$ to 4)

Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);

Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);

Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);

Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

no.	Colour	->TLS00 LCH^*_{a0}	->TLS00 n^*, c^*, H^*_{ai0}	ORS18 LCH^*_{a1}	TLS00 LCH^*_{a2}	NRS18 LCH^*_{a3}	SRS18 LCH^*_{a4}
01	N	0.0 0.0 -	1.0 0.0 -	18.0 0.0 -	0.0 0.0 -	18.0 0.0 -	18.0 0.0 -
02	Vn	15.3 23.9 306 0.5 0.5	306 22.1 26.9 306	15.3 23.9 306	37.4 34.2 306	37.4 33.7 306	
03	V	30.5 47.8 306 0.0 1.0	306 26.2 53.8 306	30.5 47.8 306	56.7 68.4 306	56.7 67.4 306	
04	Ln	41.8 46.5 136 0.5 0.5	136 39.9 42.0 136	41.8 46.5 136	37.4 32.1 136	37.4 34.9 136	
05	Cn	43.4 57.3 196 0.5 0.5	196 36.5 26.5 196	43.4 57.3 196	37.4 34.6 196	37.4 34.9 196	
06	-	58.8 27.6 251 0.0 1.0	251 51.5 47.5 251	58.8 27.6 251	56.7 69.2 251	56.7 68.3 251	
07	L	83.6 93.1 136 0.0 1.0	136 61.7 84.0 136	83.6 93.1 136	56.7 64.2 136	56.7 69.7 136	
08	-	85.2 99.4 166 0.0 1.0	166 52.3 59.7 166	85.2 99.4 166	56.7 75.0 166	56.7 69.1 166	
09	C	86.9 115 196 0.0 1.0	196 55.0 53.0 196	86.9 115 196	56.7 69.1 196	56.7 69.7 196	
10	On	25.3 55.5 40 0.5 0.5	40 33.8 40.4 40	25.3 55.5 40	37.4 34.1 40	37.4 35.7 40	
11	Mn	28.5 64.2 328 0.5 0.5	328 27.2 24.7 328	28.5 64.2 328	37.4 38.5 328	37.4 38.0 328	
12	-	43.5 126 317 0.0 1.0	317 31.2 50.6 317	43.5 126 317	56.7 71.1 317	56.7 70.1 317	
13	Ln	46.3 46.5 103 0.5 0.5	103 51.8 43.9 103	46.3 46.5 103	37.4 34.8 103	37.4 35.0 103	
14	Z	47.7 0.0 -	0.5 0.0 -	56.7 0.0 -	47.7 0.0 -	56.7 0.0 -	
15	Vw	63.0 23.9 306 0.0 0.5	306 60.8 26.9 306	63.0 23.9 306	76.1 34.2 306	76.1 33.7 306	
16	-	88.3 89.2 119 0.0 1.0	119 74.0 82.3 119	88.3 89.2 119	56.7 64.1 119	56.7 67.0 119	
17	Lw	89.5 46.5 136 0.0 0.5	136 78.6 42.0 136	89.5 46.5 136	76.1 32.1 136	76.1 34.9 136	
18	Mw	91.1 57.3 196 0.0 0.5	196 75.2 26.5 196	91.1 57.3 196	76.1 34.6 196	76.1 34.9 196	
19	O	50.5 111 40 0.0 1.0	40 49.6 80.9 40	50.5 111 40	56.7 68.3 40	56.7 71.3 40	
20	-	53.9 89.9 4 0.0 1.0	4 48.1 71.7 4	53.9 89.9 4	56.7 68.6 4	56.7 67.2 4	
21	M	57.0 128 328 0.0 1.0	328 36.3 49.4 328	57.0 128 328	56.7 76.9 328	56.7 75.9 328	
22	-	71.3 85.7 71 0.0 1.0	71 72.0 72.2 71	71.3 85.7 71	56.7 66.1 71	56.7 68.3 71	
23	Ow	73.0 55.5 40 0.0 0.5	40 72.5 40.4 40	73.0 55.5 40	76.1 34.1 40	76.1 35.7 40	
24	Mw	76.2 64.2 328 0.0 0.5	328 65.9 24.7 328	76.2 64.2 328	76.1 38.5 328	76.1 38.0 328	
25	Y	92.6 93.0 103 0.0 1.0	103 85.6 87.7 103	92.6 93.0 103	56.7 69.6 103	56.7 70.1 103	
26	Yw	94.0 46.5 103 0.0 0.5	103 90.5 43.9 103	94.0 46.5 103	76.1 34.8 103	76.1 35.0 103	
27	W	95.4 0.0 -	0.0 0.0 -	95.4 0.0 -	95.4 0.0 -	95.4 0.0 -	

$$H^*_{ai0} = \text{round} (H^*_{a0})$$

Colorimetric data for system lines SRS18 -> ORS18, TLS00, NRS18, SRS18

For input LCH^*_{a0} (SRS18) and output LCH^*_{am} for 4 systems ($m=0$ to 4)

Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);

Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);

Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);

Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

no.	Colour	->SRS18 LCH^*_{a0}	->SRS18 n^*, c^*, H^*_{ai0}	ORS18 LCH^*_{a1}	TLS00 LCH^*_{a2}	NRS18 LCH^*_{a3}	SRS18 LCH^*_{a4}
01	N	18.0 0.0 -	1.0 0.0 -	18.0 0.0 -	0.0 0.0 -	18.0 0.0 -	18.0 0.0 -
02	Vn	37.4 38.7 270 0.5 0.5	270 30.2 22.4 270	24.5 14.6 270	37.4 38.1 270	37.4 38.7 270	
03	V	56.7 77.4 270 0.0 1.0	270 42.4 44.8 270	49.0 29.2 270	56.7 76.2 270	56.7 77.4 270	
04	Ln	37.4 38.7 150 0.5 0.5	150 34.8 45.8 150	42.2 51.8 150	37.4 34.4 150	37.4 38.7 150	
05	Cn	37.4 38.7 210 0.5 0.5	210 37.1 27.6 210	39.9 18.4 210	37.4 36.7 210	37.4 38.7 210	
06	-	56.7 67.0 240 0.0 1.0	240 56.7 51.9 240	64.5 28.2 240	56.7 68.9 240	56.7 67.0 240	
07	L	56.7 77.4 150 0.0 1.0	150 51.6 91.6 150	84.4 104 150	56.7 68.8 150	56.7 77.4 150	
08	-	56.7 67.0 180 0.0 1.0	180 53.5 54.5 180	86.0 102 180	56.7 69.7 180	56.7 67.0 180	
09	C	56.7 77.4 210 0.0 1.0	210 56.3 55.3 210	79.9 36.8 210	56.7 73.3 210	56.7 77.4 210	
10	On	37.4 38.7 30 0.5 0.5	30 33.0 36.2 30	25.7 50.0 30	37.4 36.9 30	37.4 38.7 30	
11	Mn	37.4 38.7 330 0.5 0.5	330 27.6 24.7 330	28.6 54.3 330	37.4 38.2 330	37.4 38.7 330	
12	-	56.7 67.0 300 0.0 1.0	300 28.1 51.4 300	33.6 41.8 300	56.7 68.0 300	56.7 67.0 300	
13	Ln	37.4 38.7 90 0.5 0.5	90 51.9 39.1 90	42.0 45.2 90	37.4 37.7 90	37.4 38.7 90	
14	Z	56.7 0.0 -	0.5 0.0 -	56.7 0.0 -	47.7 0.0 -	56.7 0.0 -	
15	Vw	76.1 38.7 270 0.0 0.5	270 68.9 22.4 270	72.2 14.6 270	76.1 38.1 270	76.1 38.7 270	
16	-	56.7 67.0 120 0.0 1.0	120 73.3 82.2 120	88.0 89.2 120	56.7 63.9 120	56.7 67.0 120	
17	Lw	76.1 38.7 150 0.0 0.5	150 73.5 45.8 150	89.9 51.8 150	76.1 34.4 150	76.1 38.7 150	
18	Mw	76.1 38.7 210 0.0 0.5	210 75.8 27.6 210	87.6 18.4 210	76.1 36.7 210	76.1 38.7 210	
19	O	56.7 77.4 30 0.0 1.0	30 48.0 72.5 30	51.4 99.9 30	56.7 73.8 30	56.7 77.4 30	
20	-	56.7 67.0 0 0.0 1.0	0 48.1 72.9 0	54.3 90.1 0	56.7 68.2 0	56.7 67.0 0	
21	M	56.7 77.4 330 0.0 1.0	330 37.2 49.4 330	57.1 109 330	56.7 76.4 330	56.7 77.4 330	
22	-	56.7 67.0 60 0.0 1.0	60 64.1 72.6 60	63.9 87.4 60	56.7 64.6 60	56.7 67.0 60	
23	Ow	76.1 38.7 30 0.0 0.5	30 71.7 36.2 30	73.4 50.0 30	76.1 36.9 30	76.1 38.7 30	
24	Mw	76.1 38.7 330 0.0 0.5	330 66.3 24.7 330	76.3 54.3 330	76.1 38.2 330	76.1 38.7 330	
25	Y	56.7 77.4 90 0.0 1.0	90 85.8 78.2 90	84.0 90.4 90	56.7 75.5 90	56.7 77.4 90	
26	Yw	76.1 38.7 90 0.0 0.5	90 90.6 39.1 90	89.7 45.2 90	76.1 37.7 90	76.1 38.7 90	
27	W	95.4 0.0 -	0.0 0.0 -	95.4 0.0 -	95.4 0.0 -	95.4 0.0 -	

$$H^*_{ai0} = \text{round} (H^*_{a0})$$

Colorimetric data for system lines TLS00 -> ORS18, TLS00, NRS18, SRS18

For input LCH^*_{a0} (TLS00) and output H^*_{aim} H^*_{eim} for 4 systems ($m=0$ to 4)
Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);
Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);
Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);
Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

no.	Colour	->TLS00				->TLS00				ORS18		TLS00		NRS18		SRS18	
		LCH^*_{a0}	n^*	c^*	H^*_{ai0}	H^*_{ai1}	H^*_{ei1}	H^*_{ai2}	H^*_{ei2}	H^*_{ai3}	H^*_{ei3}	H^*_{ai4}	H^*_{ei4}				
01	N	0.0	0.0	-	1.0	0.0	-	-	-	-	-	-	-	-	-	-	
02	Vn	15.3	23.9	306	0.5	0.5	306	306	298	306	297	306	297	306	297	306	297
03	V	30.5	47.8	306	0.0	1.0	306	306	298	306	297	306	297	306	297	306	297
04	Ln	41.8	46.5	136	0.5	0.5	136	136	145	136	146	136	146	136	146	136	146
05	Cn	43.4	57.3	196	0.5	0.5	196	196	207	196	208	196	208	196	208	196	208
06	-	58.8	27.6	251	0.0	1.0	251	251	253	251	253	251	253	251	253	251	253
07	L	83.6	93.1	136	0.0	1.0	136	136	145	136	146	136	146	136	146	136	146
08	-	85.2	99.4	166	0.0	1.0	166	166	181	166	183	166	183	166	183	166	183
09	C	86.9	115	196	0.0	1.0	196	196	207	196	208	196	208	196	208	196	208
10	On	25.3	55.5	40	0.5	0.5	40	40	20	40	19	40	19	40	19	40	19
11	Mn	28.5	64.2	328	0.5	0.5	328	328	315	328	315	328	315	328	315	328	315
12	-	43.5	126	317	0.0	1.0	317	317	306	317	306	317	306	317	306	317	306
13	Ln	46.3	46.5	103	0.5	0.5	103	103	104	103	104	103	104	103	104	103	104
14	Z	47.7	0.0	-	0.5	0.0	-	-	-	-	-	-	-	-	-	-	-
15	Vw	63.0	23.9	306	0.0	0.5	306	306	298	306	297	306	297	306	297	306	297
16	-	88.3	89.2	119	0.0	1.0	119	119	124	119	124	119	124	119	124	119	124
17	Lw	89.5	46.5	136	0.0	0.5	136	136	145	136	146	136	146	136	146	136	146
18	Mw	91.1	57.3	196	0.0	0.5	196	196	207	196	208	196	208	196	208	196	208
19	O	50.5	111	40	0.0	1.0	40	40	20	40	19	40	19	40	19	40	19
20	-	53.9	89.9	4	0.0	1.0	4	4	343	4	343	4	343	4	343	4	343
21	M	57.0	128	328	0.0	1.0	328	328	315	328	315	328	315	328	315	328	315
22	-	71.3	85.7	71	0.0	1.0	71	71	62	71	61	71	61	71	61	71	61
23	Ow	73.0	55.5	40	0.0	0.5	40	40	20	40	19	40	19	40	19	40	19
24	Mw	76.2	64.2	328	0.0	0.5	328	328	315	328	315	328	315	328	315	328	315
25	Y	92.6	93.0	103	0.0	1.0	103	103	104	103	104	103	104	103	104	103	104
26	Yw	94.0	46.5	103	0.0	0.5	103	103	104	103	104	103	104	103	104	103	104
27	W	95.4	0.0	-	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-

$$H^*_{ai0} = \text{round} (H^*_{a0})$$

ZE110-7

Colorimetric data for system lines SRS18 -> ORS18, TLS00, NRS18, SRS18

For input LCH^*_{a0} (SRS18) and output H^*_{aim} H^*_{eim} for 4 systems ($m=0$ to 4)
Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);
Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);
Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);
Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

no.	Colour	->SRS18			->SRS18			ORS18		TLS00		NRS18		SRS18	
		LCH^*_{a0}	n^*	c^*	H^*_{ai0}	H^*_{ai1}	H^*_{ei1}	H^*_{ai2}	H^*_{ei2}	H^*_{ai3}	H^*_{ei3}	H^*_{ai4}	H^*_{ei4}		
01	N	18.0	0.0	-	1.0	0.0	-	-	-	-	-	-	-	-	
02	Vn	37.4	38.7	270	0.5	0.5	270	270	269	270	269	270	269	270	269
03	V	56.7	77.4	270	0.0	1.0	270	270	269	270	269	270	269	270	269
04	Ln	37.4	38.7	150	0.5	0.5	150	150	162	150	164	150	164	150	164
05	Cn	37.4	38.7	210	0.5	0.5	210	210	218	210	219	210	219	210	219
06	-	56.7	67.0	240	0.0	1.0	240	240	244	240	244	240	244	240	244
07	L	56.7	77.4	150	0.0	1.0	150	150	162	150	164	150	164	150	164
08	-	56.7	67.0	180	0.0	1.0	180	180	193	180	195	180	195	180	195
09	C	56.7	77.4	210	0.0	1.0	210	210	218	210	219	210	219	210	219
10	On	37.4	38.7	30	0.5	0.5	30	30	7	30	6	30	6	30	6
11	Mn	37.4	38.7	330	0.5	0.5	330	330	317	330	316	330	316	330	316
12	-	56.7	67.0	300	0.0	1.0	300	300	293	300	292	300	292	300	292
13	Ln	37.4	38.7	90	0.5	0.5	90	90	87	90	87	90	87	90	87
14	Z	56.7	0.0	-	0.5	0.0	-	-	-	-	-	-	-	-	-
15	Vw	76.1	38.7	270	0.0	0.5	270	270	269	270	269	270	269	270	269
16	-	56.7	67.0	120	0.0	1.0	120	120	125	120	126	120	126	120	126
17	Lw	76.1	38.7	150	0.0	0.5	150	150	162	150	164	150	164	150	164
18	Mw	76.1	38.7	210	0.0	0.5	210	210	218	210	219	210	219	210	219
19	O	56.7	77.4	30	0.0	1.0	30	30	7	30	6	30	6	30	6
20	-	56.7	67.0	0	0.0	1.0	0	0	340	0	340	0	340	0	340
21	M	56.7	77.4	330	0.0	1.0	330	330	317	330	316	330	316	330	316
22	-	56.7	67.0	60	0.0	1.0	60	60	47	60	46	60	46	60	46
23	Ow	76.1	38.7	30	0.0	0.5	30	30	7	30	6	30	6	30	6
24	Mw	76.1	38.7	330	0.0	0.5	330	330	317	330	316	330	316	330	316
25	Y	56.7	77.4	90	0.0	1.0	90	90	87	90	87	90	87	90	87
26	Yw	76.1	38.7	90	0.0	0.5	90	90	87	90	87	90	87	90	87
27	W	95.4	0.0	-	0.0	0.0	-	-	-	-	-	-	-	-	-

$$H^*_{ai0} = \text{round} (H^*_{a0})$$

ZE111-7

Colorimetric data for system lines TLS00 -> ORS18, TLS00, NRS18, SRS18

For input *nce**₃₀ (TLS00) and output *olv**_{3m} for 4 systems (*m*=0 to 4)
Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);
Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);
Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);
Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

	->TLS00		->TLS00		ORS18		TLS00		NRS18		SRS18			
no. Colour	<i>nce</i> * ₃₀		<i>n</i> *, <i>c</i> *, <i>H</i> * _{ei0}	<i>olv</i> * ₃₁	<i>olv</i> * ₃₁	<i>olv</i> * ₃₁	<i>olv</i> * ₃₂	<i>olv</i> * ₃₂	<i>olv</i> * ₃₃	<i>olv</i> * ₃₃	<i>olv</i> * ₃₄	<i>olv</i> * ₃₄	<i>olv</i> * ₃₄	<i>olv</i> * ₃₄
01 N	1.0	0.0 -	1.0 0.0 -	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02 Vn	0.5	0.5 0.83	0.5 0.5 297	0.01	0.0	0.5	0.0	0.0	0.5	0.3	0.0	0.5	0.3	0.0
03 V	0.0	1.0 0.83	0.0 1.0 297	0.02	0.0	1.0	0.0	0.0	1.0	0.6	0.0	1.0	0.6	0.0
04 Ln	0.5	0.5 0.41	0.5 0.5 146	0.14	0.5	0.0	0.0	0.5	0.0	0.19	0.5	0.0	0.12	0.5
05 Cn	0.5	0.5 0.58	0.5 0.5 208	0.0	0.5	0.26	0.0	0.5	0.5	0.31	0.0	0.5	0.38	0.0
06 -	0.0	1.0 0.7	0.0 1.0 253	0.0	0.78	1.0	0.0	0.5	1.0	0.0	0.38	1.0	0.0	0.32
07 L	0.0	1.0 0.41	0.0 1.0 146	0.27	1.0	0.0	0.0	1.0	0.0	0.38	1.0	0.0	0.23	1.0
08 -	0.0	1.0 0.51	0.0 1.0 183	0.0	1.0	0.18	0.0	1.0	0.5	0.0	1.0	0.07	0.0	1.0
09 C	0.0	1.0 0.58	0.0 1.0 208	0.0	1.0	0.53	0.0	1.0	0.99	0.0	1.0	0.62	0.0	1.0
10 On	0.5	0.5 0.05	0.5 0.5 19	0.5	0.02	0.0	0.5	0.0	0.5	0.11	0.0	0.5	0.08	0.0
11 Mn	0.5	0.5 0.88	0.5 0.5 315	0.24	0.0	0.5	0.49	0.0	0.5	0.49	0.0	0.5	0.48	0.0
12 -	0.0	1.0 0.85	0.0 1.0 306	0.25	0.0	1.0	0.49	0.0	1.0	0.8	0.0	1.0	0.78	0.0
13 Ln	0.5	0.5 0.29	0.5 0.5 104	0.44	0.5	0.0	0.5	0.5	0.0	0.42	0.5	0.0	0.39	0.5
14 Z	0.5	0.0 -	0.5 0.0 -	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
15 Vw	0.0	0.5 0.83	0.0 0.5 297	0.51	0.5	1.0	0.5	0.5	1.0	0.8	0.5	1.0	0.8	0.5
16 -	0.0	1.0 0.34	0.0 1.0 124	0.59	1.0	0.0	0.51	1.0	0.0	0.62	1.0	0.0	0.52	1.0
17 Lw	0.0	0.5 0.41	0.0 0.5 146	0.64	1.0	0.5	0.5	1.0	0.5	0.69	1.0	0.5	0.62	1.0
18 Mw	0.0	0.5 0.58	0.0 0.5 208	0.5	1.0	0.76	0.5	1.0	0.5	1.0	0.81	0.5	1.0	0.88
19 O	0.0	1.0 0.05	0.0 1.0 19	1.0	0.04	0.0	1.0	0.0	1.0	0.22	0.0	1.0	0.17	0.0
20 -	0.0	1.0 0.95	0.0 1.0 343	1.0	0.0	0.77	1.0	0.0	0.5	1.0	0.0	0.38	1.0	0.0
21 M	0.0	1.0 0.88	0.0 1.0 315	0.47	0.0	1.0	0.99	0.0	1.0	0.99	0.0	1.0	0.97	0.0
22 -	0.0	1.0 0.17	0.0 1.0 61	1.0	0.57	0.0	1.0	0.49	0.0	1.0	0.68	0.0	1.0	0.68
23 Ow	0.0	0.5 0.05	0.0 0.5 19	1.0	0.52	0.5	1.0	0.5	0.5	1.0	0.61	0.5	1.0	0.58
24 Mw	0.0	0.5 0.88	0.0 0.5 315	0.74	0.5	1.0	0.99	0.5	1.0	0.99	0.5	1.0	0.98	0.5
25 Y	0.0	1.0 0.29	0.0 1.0 104	0.88	1.0	0.0	1.0	1.0	0.0	0.85	1.0	0.0	0.78	1.0
26 Yw	0.0	0.5 0.29	0.0 0.5 104	0.94	1.0	0.5	1.0	1.0	0.5	0.92	1.0	0.5	0.89	1.0
27 W	0.0	0.0 -	0.0 0.0 -	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

$H^*_{ei0} = \text{round} (360 e^*)$

ZE110-7

BAM-test chart ZE11; Transfer *olv**3, LCH*a, *nce**, 9/12
TLS00, SRS18->ORS18, TLS00, NRS18, SRS18; 27 Colours

Colorimetric data for system lines SRS18 -> ORS18, TLS00, NRS18, SRS18

For input *nce**₃₀ (SRS18) and output *olv**_{3m} for 4 systems (*m*=0 to 4)
Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);
Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);
Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);
Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

	->SRS18		->SRS18		ORS18		TLS00		NRS18		SRS18			
no. Colour	<i>nce</i> * ₃₀		<i>n</i> *, <i>c</i> *, <i>H</i> * _{ei0}	<i>olv</i> * ₃₁	<i>olv</i> * ₃₁	<i>olv</i> * ₃₁	<i>olv</i> * ₃₂	<i>olv</i> * ₃₂	<i>olv</i> * ₃₃	<i>olv</i> * ₃₃	<i>olv</i> * ₃₄	<i>olv</i> * ₃₄	<i>olv</i> * ₃₄	<i>olv</i> * ₃₄
01 N	1.0	0.0 -	1.0 0.0 -	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02 Vn	0.5	0.5 0.75	0.5 0.5 269	0.0	0.25	0.5	0.0	0.17	0.5	0.0	0.02	0.5	0.0	0.0
03 V	0.0	1.0 0.75	0.0 1.0 269	0.0	0.51	1.0	0.0	0.33	1.0	0.0	0.03	1.0	0.0	0.0
04 Ln	0.5	0.5 0.46	0.5 0.5 164	0.01	0.5	0.0	0.0	0.5	0.12	0.09	0.5	0.0	0.0	0.5
05 Cn	0.5	0.5 0.61	0.5 0.5 219	0.0	0.5	0.35	0.0	0.44	0.5	0.0	0.5	0.44	0.0	0.5
06 -	0.0	1.0 0.68	0.0 1.0 244	0.0	0.94	1.0	0.0	0.6	1.0	0.0	0.58	1.0	0.0	0.5
07 L	0.0	1.0 0.46	0.0 1.0 164	0.02	1.0	0.0	0.0	1.0	0.23	0.17	1.0	0.0	0.0	1.0
08 -	0.0	1.0 0.54	0.0 1.0 195	0.0	1.0	0.34	0.0	1.0	0.73	0.0	1.0	0.32	0.0	1.0
09 C	0.0	1.0 0.61	0.0 1.0 219	0.0	1.0	0.69	0.0	0.88	1.0	0.0	1.0	0.87	0.0	1.0
10 On	0.5	0.5 0.02	0.5 0.5 6	0.5	0.0	0.09	0.5	0.0	0.07	0.5	0.03	0.0	0.5	0.0
11 Mn	0.5	0.5 0.88	0.5 0.5 316	0.26	0.0	0.5	0.5	0.0	0.49	0.5	0.0	0.49	0.5	0.0
12 -	0.0	1.0 0.81	0.0 1.0 292	0.0	0.07	1.0	0.0	0.06	1.0	0.5	0.0	1.0	0.5	0.0
13 Ln	0.5	0.5 0.24	0.5 0.5 87	0.5	0.45	0.0	0.5	0.4	0.0	0.5	0.48	0.0	0.5	0.0
14 Z	0.5	0.0 -	0.5 0.0 -	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
15 Vw	0.0	0.5 0.75	0.0 0.5 269	0.5	0.75	1.0	0.5	0.67	1.0	0.5	0.52	1.0	0.5	0.5
16 -	0.0	1.0 0.35	0.0 1.0 126	0.57	1.0	0.0	0.48	1.0	0.0	0.6	1.0	0.0	0.5	1.0
17 Lw	0.0	0.5 0.46	0.0 0.5 164	0.51	1.0	0.5	0.5	1.0	0.62	0.59	1.0	0.5	0.5	1.0
18 Mw	0.0	0.5 0.61	0.0 0.5 219	0.5	1.0	0.85	0.5	0.94	1.0	0.5	1.0	0.94	0.5	1.0
19 O	0.0	1.0 0.02	0.0 1.0 6	1.0	0.0	0.17	1.0	0.0	0.14	1.0	0.07	0.0	1.0	0.0
20 -	0.0	1.0 0.94	0.0 1.0 340	1.0	0.0	0.86	1.0	0.0	0.56	1.0	0.0	0.45	1.0	0.0
21 M	0.0	1.0 0.88	0.0 1.0 316	0.51	0.0	1.0	1.0	0.0	0.98	1.0	0.0	0.98	1.0	0.0
22 -	0.0	1.0 0.13	0.0 1.0 46	1.0	0.38	0.0	1.0	0.32	0.0	1.0	0.52	0.0	1.0	0.5
23 Ow	0.0	0.5 0.02	0.0 0.5 6	1.0	0.5	0.59	1.0	0.5	0.57	1.0	0.53	0.5	1.0	0.5
24 Mw	0.0	0.5 0.88	0.0 0.5 316	0.76	0.5	1.0	1.0	0.5	0.99	1.0	0.5	0.99	1.0	0.5
25 Y	0.0	1.0 0.24	0.0 1.0 87	1.0	0.89	0.0	1.0	0.8	0.0	1.0	0.97	0.0	1.0	0.0
26 Yw	0.0	0.5 0.24	0.0 0.5 87	1.0	0.95	0.5	1.0	0.9	0.5	1.0	0.98	0.5	1.0	0.5
27 W	0.0	0.0 -	0.0 0.0 -	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

$H^*_{ei0} = \text{round} (360 e^*)$

ZE111-7

input: *rgb* (->*olv**3) *setrgbcolor*
output: no change compared to input

Colorimetric data for system lines TLS00 -> ORS18, TLS00, NRS18, SRS18

For input $n\text{ce}^*_{30}$ (TLS00) and output $LCH^*_{a,Mm}$ for 4 systems ($m=0$ to 4)
Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);
Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);
Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);
Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

		->TLS00		->TLS00		ORS18		TLS00		NRS18		SRS18	
no.	Colour	$n\text{ce}^*_{30}$		n^*, c^*, H^*_{ei0}		$LCH^*_{a,M1}$		$LCH^*_{a,M2}$		$LCH^*_{a,M3}$		$LCH^*_{a,M4}$	
01	N	1.0	0.0 -	1.0	0.0 -	48.1	71.7 -	53.9	89.9 -	56.7	68.6 -	56.7	67.2 -
02	Vn	0.5	0.5 0.83	0.5	0.5	297	26.2 53.8 306	30.5	47.8 306	56.7	68.4 306	56.7	67.4 306
03	V	0.0	1.0 0.83	0.0	1.0	297	26.2 53.8 306	30.5	47.8 306	56.7	68.4 306	56.7	67.4 306
04	Ln	0.5	0.5 0.41	0.5	0.5	146	61.7 84.0 136	83.6	93.1 136	56.7	64.2 136	56.7	69.7 136
05	Cn	0.5	0.5 0.58	0.5	0.5	208	55.0 53.0 196	86.9	115 196	56.7	69.1 196	56.7	69.7 196
06	-	0.0	1.0 0.7	0.0	1.0	253	51.5 47.5 251	58.8	27.6 251	56.7	69.2 251	56.7	68.3 251
07	L	0.0	1.0 0.41	0.0	1.0	146	61.7 84.0 136	83.6	93.1 136	56.7	64.2 136	56.7	69.7 136
08	-	0.0	1.0 0.51	0.0	1.0	183	52.3 59.7 166	85.2	99.4 166	56.7	75.0 166	56.7	69.1 166
09	C	0.0	1.0 0.58	0.0	1.0	208	55.0 53.0 196	86.9	115 196	56.7	69.1 196	56.7	69.7 196
10	On	0.5	0.5 0.05	0.5	0.5	19	49.6 80.9 40	50.5	111 40	56.7	68.3 40	56.7	71.3 40
11	Mn	0.5	0.5 0.88	0.5	0.5	315	36.3 49.4 328	57.0	128 328	56.7	76.9 328	56.7	75.9 328
12	-	0.0	1.0 0.85	0.0	1.0	306	31.2 50.6 317	43.5	126 317	56.7	71.1 317	56.7	70.1 317
13	Ln	0.5	0.5 0.29	0.5	0.5	104	85.6 87.7 103	92.6	93.0 103	56.7	69.6 103	56.7	70.1 103
14	Z	0.5	0.0 -	0.5	0.0 -	48.1	71.7 -	53.9	89.9 -	56.7	68.6 -	56.7	67.2 -
15	Vw	0.0	0.5 0.83	0.0	0.5	297	26.2 53.8 306	30.5	47.8 306	56.7	68.4 306	56.7	67.4 306
16	-	0.0	1.0 0.34	0.0	1.0	124	74.0 82.3 119	88.3	89.2 119	56.7	64.1 119	56.7	67.0 119
17	Lw	0.0	0.5 0.41	0.0	0.5	146	61.7 84.0 136	83.6	93.1 136	56.7	64.2 136	56.7	69.7 136
18	Mw	0.0	0.5 0.58	0.0	0.5	208	55.0 53.0 196	86.9	115 196	56.7	69.1 196	56.7	69.7 196
19	O	0.0	1.0 0.05	0.0	1.0	19	49.6 80.9 40	50.5	111 40	56.7	68.3 40	56.7	71.3 40
20	-	0.0	1.0 0.95	0.0	1.0	343	48.1 71.7 4	53.9	89.9 4	56.7	68.6 4	56.7	67.2 4
21	M	0.0	1.0 0.88	0.0	1.0	315	36.3 49.4 328	57.0	128 328	56.7	76.9 328	56.7	75.9 328
22	-	0.0	1.0 0.17	0.0	1.0	61	72.0 72.2 71	71.3	85.7 71	56.7	66.1 71	56.7	68.3 71
23	Ow	0.0	0.5 0.05	0.0	0.5	19	49.6 80.9 40	50.5	111 40	56.7	68.3 40	56.7	71.3 40
24	Mw	0.0	0.5 0.88	0.0	0.5	315	36.3 49.4 328	57.0	128 328	56.7	76.9 328	56.7	75.9 328
25	Y	0.0	1.0 0.29	0.0	1.0	104	85.6 87.7 103	92.6	93.0 103	56.7	69.6 103	56.7	70.1 103
26	Yw	0.0	0.5 0.29	0.0	0.5	104	85.6 87.7 103	92.6	93.0 103	56.7	69.6 103	56.7	70.1 103
27	W	0.0	0.0 -	0.0	0.0 -	48.1	71.7 -	53.9	89.9 -	56.7	68.6 -	56.7	67.2 -

$H^*_{ei0} = \text{round} (360 e^*)$

ZE110-7

BAM-test chart ZE11; Transfer olv^*3 , $LCH^*_{a,M}$, $n\text{ce}^*_{30}$, 10/12
TLS00, SRS18->ORS18, TLS00, NRS18, SRS18; 27 Colours

Colorimetric data for system lines SRS18 -> ORS18, TLS00, NRS18, SRS18

For input $n\text{ce}^*_{30}$ (SRS18) and output $LCH^*_{a,Mm}$ for 4 systems ($m=0$ to 4)
Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);
Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);
Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);
Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

		->SRS18		->SRS18		ORS18		TLS00		NRS18		SRS18	
no.	Colour	$n\text{ce}^*_{30}$		n^*, c^*, H^*_{ei0}		$LCH^*_{a,M1}$		$LCH^*_{a,M2}$		$LCH^*_{a,M3}$		$LCH^*_{a,M4}$	
01	N	1.0	0.0 -	1.0	0.0 -	48.1	72.9 -	54.3	90.1 -	56.7	68.2 -	56.7	67.0 -
02	Vn	0.5	0.5 0.75	0.5	0.5	269	42.4 44.8 270	49.0	29.2 270	56.7	76.2 270	56.7	77.4 270
03	V	0.0	1.0 0.75	0.0	1.0	269	42.4 44.8 270	49.0	29.2 270	56.7	76.2 270	56.7	77.4 270
04	Ln	0.5	0.5 0.46	0.5	0.5	164	51.6 91.6 150	84.4	104 150	56.7	68.8 150	56.7	77.4 150
05	Cn	0.5	0.5 0.61	0.5	0.5	219	56.3 55.3 210	79.9	36.8 210	56.7	73.3 210	56.7	77.4 210
06	-	0.0	1.0 0.68	0.0	1.0	244	56.7 51.9 240	64.5	28.2 240	56.7	68.9 240	56.7	67.0 240
07	L	0.0	1.0 0.46	0.0	1.0	164	51.6 91.6 150	84.4	104 150	56.7	68.8 150	56.7	77.4 150
08	-	0.0	1.0 0.54	0.0	1.0	195	53.5 54.5 180	86.0	102 180	56.7	69.7 180	56.7	67.0 180
09	C	0.0	1.0 0.61	0.0	1.0	219	56.3 55.3 210	79.9	36.8 210	56.7	73.3 210	56.7	77.4 210
10	On	0.5	0.5 0.02	0.5	0.5	6	48.0 72.5 30	51.4	99.9 30	56.7	73.8 30	56.7	77.4 30
11	Mn	0.5	0.5 0.88	0.5	0.5	316	37.2 49.4 330	57.1	109 330	56.7	76.4 330	56.7	77.4 330
12	-	0.0	1.0 0.81	0.0	1.0	292	28.1 51.4 300	33.6	41.8 300	56.7	68.0 300	56.7	67.0 300
13	Ln	0.5	0.5 0.24	0.5	0.5	87	85.8 78.2 90	84.0	90.4 90	56.7	75.5 90	56.7	77.4 90
14	Z	0.5	0.0 -	0.5	0.0 -	48.1	72.9 -	54.3	90.1 -	56.7	68.2 -	56.7	67.0 -
15	Vw	0.0	0.5 0.75	0.0	0.5	269	42.4 44.8 270	49.0	29.2 270	56.7	76.2 270	56.7	77.4 270
16	-	0.0	1.0 0.35	0.0	1.0	126	73.3 82.2 120	88.0	89.2 120	56.7	63.9 120	56.7	67.0 120
17	Lw	0.0	0.5 0.46	0.0	0.5	164	51.6 91.6 150	84.4	104 150	56.7	68.8 150	56.7	77.4 150
18	Mw	0.0	0.5 0.61	0.0	0.5	219	56.3 55.3 210	79.9	36.8 210	56.7	73.3 210	56.7	77.4 210
19	O	0.0	1.0 0.02	0.0	1.0	6	48.0 72.5 30	51.4	99.9 30	56.7	73.8 30	56.7	77.4 30
20	-	0.0	1.0 0.94	0.0	1.0	340	48.1 72.9 0	54.3	90.1 0	56.7	68.2 0	56.7	67.0 0
21	M	0.0	1.0 0.88	0.0	1.0	316	37.2 49.4 330	57.1	109 330	56.7	76.4 330	56.7	77.4 330
22	-	0.0	1.0 0.13	0.0	1.0	46	64.1 72.6 60	63.9	87.4 60	56.7	64.6 60	56.7	67.0 60
23	Ow	0.0	0.5 0.02	0.0	0.5	6	48.0 72.5 30	51.4	99.9 30	56.7	73.8 30	56.7	77.4 30
24	Mw	0.0	0.5 0.88	0.0	0.5	316	37.2 49.4 330	57.1	109 330	56.7	76.4 330	56.7	77.4 330
25	Y	0.0	1.0 0.24	0.0	1.0	87	85.8 78.2 90	84.0	90.4 90	56.7	75.5 90	56.7	77.4 90
26	Yw	0.0	0.5 0.24	0.0	0.5	87	85.8 78.2 90	84.0	90.4 90	56.7	75.5 90	56.7	77.4 90
27	W	0.0	0.0 -	0.0	0.0 -	48.1	72.9 -	54.3	90.1 -	56.7	68.2 -	56.7	67.0 -

$H^*_{ei0} = \text{round} (360 e^*)$

ZE111-7

input: $\text{rgb} (->\text{olv}^*3)$ setrgbcolor
output: no change compared to input

Colorimetric data for system lines TLS00 -> ORS18, TLS00, NRS18, SRS18

For input nce^*_{30} (TLS00) and output LCH^*_{am} for 4 systems ($m=0$ to 4)

Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);

Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);

Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);

Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

	->TLS00			->TLS00			ORS18			TLS00			NRS18			SRS18			
no.	Colour	n^*, c^*, H^*_{ei0}	n^*, c^*, H^*_{ei0}	n^*, c^*, H^*_{ei0}	n^*, c^*, H^*_{ei0}	n^*, c^*, H^*_{ei0}	LCH^*_{a1}	LCH^*_{a1}	LCH^*_{a1}	LCH^*_{a2}	LCH^*_{a2}	LCH^*_{a2}	LCH^*_{a3}	LCH^*_{a3}	LCH^*_{a3}	LCH^*_{a4}	LCH^*_{a4}		
01	N	1.0	0.0	-	1.0	0.0	-	18.0	0.0	-	0.0	0.0	-	18.0	0.0	-	18.0	0.0	-
02	Vn	0.5	0.5	0.83	0.5	0.5	297	22.1	26.9	306	15.3	23.9	306	37.4	34.2	306	37.4	33.7	306
03	V	0.0	1.0	0.83	0.0	1.0	297	26.2	53.8	306	30.5	47.8	306	56.7	68.4	306	56.7	67.4	306
04	Ln	0.5	0.5	0.41	0.5	0.5	146	39.9	42.0	136	41.8	46.5	136	37.4	32.1	136	37.4	34.9	136
05	Cn	0.5	0.5	0.58	0.5	0.5	208	36.5	26.5	196	43.4	57.3	196	37.4	34.6	196	37.4	34.9	196
06	-	0.0	1.0	0.7	0.0	1.0	253	51.5	47.5	251	58.8	27.6	251	56.7	69.2	251	56.7	68.3	251
07	L	0.0	1.0	0.41	0.0	1.0	146	61.7	84.0	136	83.6	93.1	136	56.7	64.2	136	56.7	69.7	136
08	-	0.0	1.0	0.51	0.0	1.0	183	52.3	59.7	166	85.2	99.4	166	56.7	75.0	166	56.7	69.1	166
09	C	0.0	1.0	0.58	0.0	1.0	208	55.0	53.0	196	86.9	115	196	56.7	69.1	196	56.7	69.7	196
10	On	0.5	0.5	0.05	0.5	0.5	19	33.8	40.4	40	25.3	55.5	40	37.4	34.1	40	37.4	35.7	40
11	Mn	0.5	0.5	0.88	0.5	0.5	315	27.2	24.7	328	28.5	64.2	328	37.4	38.5	328	37.4	38.0	328
12	-	0.0	1.0	0.85	0.0	1.0	306	31.2	50.6	317	43.5	126	317	56.7	71.1	317	56.7	70.1	317
13	Ln	0.5	0.5	0.29	0.5	0.5	104	51.8	43.9	103	46.3	46.5	103	37.4	34.8	103	37.4	35.0	103
14	Z	0.5	0.0	-	0.5	0.0	-	56.7	0.0	-	47.7	0.0	-	56.7	0.0	-	56.7	0.0	-
15	Vw	0.0	0.5	0.83	0.0	0.5	297	60.8	26.9	306	63.0	23.9	306	76.1	34.2	306	76.1	33.7	306
16	-	0.0	1.0	0.34	0.0	1.0	124	74.0	82.3	119	88.3	89.2	119	56.7	64.1	119	56.7	67.0	119
17	Lw	0.0	0.5	0.41	0.0	0.5	146	78.6	42.0	136	89.5	46.5	136	76.1	32.1	136	76.1	34.9	136
18	Mw	0.0	0.5	0.58	0.0	0.5	208	75.2	26.5	196	91.1	57.3	196	76.1	34.6	196	76.1	34.9	196
19	O	0.0	1.0	0.05	0.0	1.0	19	49.6	80.9	40	50.5	111	40	56.7	68.3	40	56.7	71.3	40
20	-	0.0	1.0	0.95	0.0	1.0	343	48.1	71.7	4	53.9	89.9	4	56.7	68.6	4	56.7	67.2	4
21	M	0.0	1.0	0.88	0.0	1.0	315	36.3	49.4	328	57.0	128	328	56.7	76.9	328	56.7	75.9	328
22	-	0.0	1.0	0.17	0.0	1.0	61	72.0	72.2	71	71.3	85.7	71	56.7	66.1	71	56.7	68.3	71
23	Ow	0.0	0.5	0.05	0.0	0.5	19	72.5	40.4	40	73.0	55.5	40	76.1	34.1	40	76.1	35.7	40
24	Mw	0.0	0.5	0.88	0.0	0.5	315	65.9	24.7	328	76.2	64.2	328	76.1	38.5	328	76.1	38.0	328
25	Y	0.0	1.0	0.29	0.0	1.0	104	85.6	87.7	103	92.6	93.0	103	56.7	69.6	103	56.7	70.1	103
26	Yw	0.0	0.5	0.29	0.0	0.5	104	90.5	43.9	103	94.0	46.5	103	76.1	34.8	103	76.1	35.0	103
27	W	0.0	0.0	-	0.0	0.0	-	95.4	0.0	-	95.4	0.0	-	95.4	0.0	-	95.4	0.0	-

$H^*_{ei0} = \text{round} (360 e^*)$

Colorimetric data for system lines SRS18 -> ORS18, TLS00, NRS18, SRS18

For input nce^*_{30} (SRS18) and output LCH^*_{am} for 4 systems ($m=0$ to 4)

Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);

Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);

Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);

Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

		->SRS18		->SRS18		ORS18		TLS00		NRS18		SRS18	
no.	Colour	n_{ce}^*	n_{30}^*	c^*	H_{ei}^*	LCH_{a1}^*		LCH_{a2}^*		LCH_{a3}^*		LCH_{a4}^*	
01	N	1.0	0.0	-	1.0	0.0	-	18.0	0.0	-	18.0	0.0	-
02	Vn	0.5	0.5	0.75	0.5	0.5	269	30.2	22.4	270	37.4	38.1	270
03	V	0.0	1.0	0.75	0.0	1.0	269	42.4	44.8	270	49.0	29.2	270
04	Ln	0.5	0.5	0.46	0.5	0.5	164	34.8	45.8	150	42.2	51.8	150
05	Cn	0.5	0.5	0.61	0.5	0.5	219	37.1	27.6	210	39.9	18.4	210
06	-	0.0	1.0	0.68	0.0	1.0	244	56.7	51.9	240	64.5	28.2	240
07	L	0.0	1.0	0.46	0.0	1.0	164	51.6	91.6	150	84.4	104	150
08	-	0.0	1.0	0.54	0.0	1.0	195	53.5	54.5	180	86.0	102	180
09	C	0.0	1.0	0.61	0.0	1.0	219	56.3	55.3	210	79.9	36.8	210
10	On	0.5	0.5	0.02	0.5	0.5	6	33.0	36.2	30	25.7	50.0	30
11	Mn	0.5	0.5	0.88	0.5	0.5	316	27.6	24.7	330	28.6	54.3	330
12	-	0.0	1.0	0.81	0.0	1.0	292	28.1	51.4	300	33.6	41.8	300
13	Ln	0.5	0.5	0.24	0.5	0.5	87	51.9	39.1	90	42.0	45.2	90
14	Z	0.5	0.0	-	0.5	0.0	-	56.7	0.0	-	47.7	0.0	-
15	Vw	0.0	0.5	0.75	0.0	0.5	269	68.9	22.4	270	72.2	14.6	270
16	-	0.0	1.0	0.35	0.0	1.0	126	73.3	82.2	120	88.0	89.2	120
17	Lw	0.0	0.5	0.46	0.0	0.5	164	73.5	45.8	150	89.9	51.8	150
18	Mw	0.0	0.5	0.61	0.0	0.5	219	75.8	27.6	210	87.6	18.4	210
19	O	0.0	1.0	0.02	0.0	1.0	6	48.0	72.5	30	51.4	99.9	30
20	-	0.0	1.0	0.94	0.0	1.0	340	48.1	72.9	0	54.3	90.1	0
21	M	0.0	1.0	0.88	0.0	1.0	316	37.2	49.4	330	57.1	109	330
22	-	0.0	1.0	0.13	0.0	1.0	46	64.1	72.6	60	63.9	87.4	60
23	Ow	0.0	0.5	0.02	0.0	0.5	6	71.7	36.2	30	73.4	50.0	30
24	Mw	0.0	0.5	0.88	0.0	0.5	316	66.3	24.7	330	76.3	54.3	330
25	Y	0.0	1.0	0.24	0.0	1.0	87	85.8	78.2	90	84.0	90.4	90
26	Yw	0.0	0.5	0.24	0.0	0.5	87	90.6	39.1	90	89.7	45.2	90
27	W	0.0	0.0	-	0.0	0.0	-	95.4	0.0	-	95.4	0.0	-

$H^*_{ei0} = \text{round} (360 e^*)$

Colorimetric data for system lines TLS00 -> ORS18, TLS00, NRS18, SRS18

For input nce^*_{30} (TLS00) and output H^*_{aim} H^*_{eim} for 4 systems ($m=0$ to 4)
Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);
Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);
Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);
Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

	->TLS00			->TLS00			ORS18		TLS00		NRS18		SRS18	
no.	Colour	nce^*_{30}		n^*, c^*, H^*_{ei0}	H^*_{ai1}	H^*_{ei1}			H^*_{ai2}	H^*_{ei2}	H^*_{ai3}	H^*_{ei3}	H^*_{ai4}	H^*_{ei4}
01	N	1.0	0.0 -	1.0 0.0 -	-	-	-	-	-	-	-	-	-	-
02	Vn	0.5	0.5 0.83	0.5 0.5	297	306	298	306	297	306	297	306	297	306
03	V	0.0	1.0 0.83	0.0 1.0	297	306	298	306	297	306	297	306	297	306
04	Ln	0.5	0.5 0.41	0.5 0.5	146	136	145	136	146	136	146	136	146	146
05	Cn	0.5	0.5 0.58	0.5 0.5	208	196	207	196	208	196	208	196	208	208
06	-	0.0	1.0 0.7	0.0 1.0	253	251	253	251	253	251	253	251	253	253
07	L	0.0	1.0 0.41	0.0 1.0	146	136	145	136	146	136	146	136	146	146
08	-	0.0	1.0 0.51	0.0 1.0	183	166	181	166	183	166	183	166	183	183
09	C	0.0	1.0 0.58	0.0 1.0	208	196	207	196	208	196	208	196	208	208
10	On	0.5	0.5 0.05	0.5 0.5	19	40	20	40	19	40	19	40	19	19
11	Mn	0.5	0.5 0.88	0.5 0.5	315	328	315	328	315	328	315	328	315	315
12	-	0.0	1.0 0.85	0.0 1.0	306	317	306	317	306	317	306	317	306	306
13	Ln	0.5	0.5 0.29	0.5 0.5	104	103	104	103	104	103	104	103	104	104
14	Z	0.5	0.0 -	0.5 0.0	-	-	-	-	-	-	-	-	-	-
15	Vw	0.0	0.5 0.83	0.0 0.5	297	306	298	306	297	306	297	306	297	297
16	-	0.0	1.0 0.34	0.0 1.0	124	119	124	119	124	119	124	119	124	124
17	Lw	0.0	0.5 0.41	0.0 0.5	146	136	145	136	146	136	146	136	146	146
18	Mw	0.0	0.5 0.58	0.0 0.5	208	196	207	196	208	196	208	196	208	208
19	O	0.0	1.0 0.05	0.0 1.0	19	40	20	40	19	40	19	40	19	19
20	-	0.0	1.0 0.95	0.0 1.0	343	4	343	4	343	4	343	4	343	343
21	M	0.0	1.0 0.88	0.0 1.0	315	328	315	328	315	328	315	328	315	315
22	-	0.0	1.0 0.17	0.0 1.0	61	71	62	71	61	71	61	71	61	61
23	Ow	0.0	0.5 0.05	0.0 0.5	19	40	20	40	19	40	19	40	19	19
24	Mw	0.0	0.5 0.88	0.0 0.5	315	328	315	328	315	328	315	328	315	315
25	Y	0.0	1.0 0.29	0.0 1.0	104	103	104	103	104	103	104	103	104	104
26	Yw	0.0	0.5 0.29	0.0 0.5	104	103	104	103	104	103	104	103	104	104
27	W	0.0	0.0 -	0.0 0.0	-	-	-	-	-	-	-	-	-	-

$H^*_{ei0} = \text{round} (360 e^*)$

ZE110-7

BAM-test chart ZE11; Transfer olv^*3 , LCH*a, nce^* , 12/12
TLS00, SRS18->ORS18, TLS00, NRS18, SRS18; 27 Colours

Colorimetric data for system lines SRS18 -> ORS18, TLS00, NRS18, SRS18

For input nce^*_{30} (SRS18) and output H^*_{aim} H^*_{eim} for 4 systems ($m=0$ to 4)
Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);
Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);
Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);
Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

	->SRS18			->SRS18			ORS18		TLS00		NRS18		SRS18	
no.	Colour	n_{ce}^*	H_{30}^*	n^*	c^*	H_{ei0}^*	H_{ai1}^*	H_{ei1}^*	H_{ai2}^*	H_{ei2}^*	H_{ai3}^*	H_{ei3}^*	H_{ai4}^*	H_{ei4}^*
01	N	1.0	0.0	-	-	-	-	-	-	-	-	-	-	-
02	Vn	0.5	0.5	0.75	0.5	0.5	269	270	269	270	269	270	269	269
03	V	0.0	1.0	0.75	0.0	1.0	269	270	269	270	269	270	269	269
04	Ln	0.5	0.5	0.46	0.5	0.5	164	150	162	150	164	150	164	164
05	Cn	0.5	0.5	0.61	0.5	0.5	219	210	218	210	219	210	219	219
06	-	0.0	1.0	0.68	0.0	1.0	244	240	244	240	244	240	244	244
07	L	0.0	1.0	0.46	0.0	1.0	164	150	162	150	164	150	164	164
08	-	0.0	1.0	0.54	0.0	1.0	195	180	193	180	195	180	195	195
09	C	0.0	1.0	0.61	0.0	1.0	219	210	218	210	219	210	219	219
10	On	0.5	0.5	0.02	0.5	0.5	6	30	7	30	6	30	6	6
11	Mn	0.5	0.5	0.88	0.5	0.5	316	330	317	330	316	330	316	316
12	-	0.0	1.0	0.81	0.0	1.0	292	300	293	300	292	300	292	292
13	Ln	0.5	0.5	0.24	0.5	0.5	87	90	87	90	87	90	87	87
14	Z	0.5	0.0	-	0.5	0.0	-	-	-	-	-	-	-	-
15	Vw	0.0	0.5	0.75	0.0	0.5	269	270	269	270	269	270	269	269
16	-	0.0	1.0	0.35	0.0	1.0	126	120	125	120	126	120	126	126
17	Lw	0.0	0.5	0.46	0.0	0.5	164	150	162	150	164	150	164	164
18	Mw	0.0	0.5	0.61	0.0	0.5	219	210	218	210	219	210	219	219
19	O	0.0	1.0	0.02	0.0	1.0	6	30	7	30	6	30	6	6
20	-	0.0	1.0	0.94	0.0	1.0	340	0	340	0	340	0	340	340
21	M	0.0	1.0	0.88	0.0	1.0	316	330	317	330	316	330	316	316
22	-	0.0	1.0	0.13	0.0	1.0	46	60	47	60	46	60	46	46
23	Ow	0.0	0.5	0.02	0.0	0.5	6	30	7	30	6	30	6	6
24	Mw	0.0	0.5	0.88	0.0	0.5	316	330	317	330	316	330	316	316
25	Y	0.0	1.0	0.24	0.0	1.0	87	90	87	90	87	90	87	87
26	Yw	0.0	0.5	0.24	0.0	0.5	87	90	87	90	87	90	87	87
27	W	0.0	0.0	-	0.0	0.0	-	-	-	-	-	-	-	-

$H^*_{ei0} = \text{round} (360 e^*)$

ZE111-7

input: $rgb (->olv^*3)$ $setrgbcolor$
output: no change compared to input