

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

For input olv^*_{30} (NRS18) 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);

		->NRS18		->NRS18		ORS18		TLS00		NRS18		SRS18					
no.	Colour	olv^*_{30}	rgb^*_{30}	n^*	c^*	H^*_{si0}	olv^*_{31}	olv^*_{32}	olv^*_{33}	olv^*_{33}	olv^*_{33}	olv^*_{34}	olv^*_{34}	olv^*_{34}	olv^*_{34}	olv^*_{34}	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
02	Bn	0.0	0.0	0.5	0.5	0.5	270	0.0	0.24	0.5	0.0	0.16	0.5	0.0	0.5	0.02	0.0
03	B	0.0	0.0	1.0	0.0	1.0	270	0.0	0.48	1.0	0.0	0.31	1.0	0.0	1.0	0.03	0.0
04	Gn	0.0	0.5	0.0	0.5	0.5	150	0.0	0.5	0.07	0.0	0.5	0.22	0.0	0.5	0.0	0.5
05	C'n	0.0	0.5	0.5	0.5	0.5	210	0.0	0.5	0.39	0.0	0.41	0.5	0.0	0.5	0.0	0.44
06	-	0.0	0.5	1.0	0.0	1.0	240	0.0	0.88	1.0	0.0	0.57	1.0	0.0	0.51	1.0	0.0
07	G	0.0	1.0	0.0	0.0	1.0	150	0.0	1.0	0.13	0.0	1.0	0.43	0.0	1.0	0.0	1.0
08	-	0.0	1.0	0.5	0.0	1.0	180	0.0	1.0	0.46	0.0	1.0	0.89	0.0	1.0	0.51	0.0
09	C'	0.0	1.0	1.0	0.0	1.0	210	0.0	1.0	0.78	0.0	0.81	1.0	0.0	1.0	1.0	0.0
10	Rn	0.5	0.0	0.0	0.5	0.5	30	0.5	0.0	0.14	0.5	0.0	0.1	0.5	0.0	0.5	0.0
11	M'n	0.5	0.0	0.5	0.5	0.5	330	0.25	0.0	0.5	0.5	0.0	0.49	0.5	0.0	0.5	0.49
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
13	Gn	0.5	0.5	0.0	0.5	0.5	90	0.5	0.46	0.0	0.5	0.41	0.0	0.5	0.5	0.0	0.48
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
15	Bw	0.5	0.5	1.0	0.0	0.5	270	0.5	0.74	1.0	0.5	0.66	1.0	0.5	0.5	1.0	0.52
16	-	0.5	1.0	0.0	0.0	1.0	120	0.44	1.0	0.0	0.27	1.0	0.0	0.5	1.0	0.0	0.38
17	Gw	0.5	1.0	0.5	0.0	0.5	150	0.5	1.0	0.57	0.5	1.0	0.72	0.5	1.0	0.5	0.5
18	M'w	0.5	1.0	1.0	0.0	0.5	210	0.5	1.0	0.89	0.5	0.91	1.0	0.5	1.0	0.5	0.94
19	R	1.0	0.0	0.0	0.0	1.0	30	1.0	0.0	0.29	1.0	0.0	0.21	1.0	0.0	0.01	1.0
20	-	1.0	0.0	0.5	0.0	1.0	0	1.0	0.0	0.92	1.0	0.0	0.6	1.0	0.0	0.5	1.0
21	M'	1.0	0.0	1.0	0.0	1.0	330	0.49	0.0	1.0	1.0	0.0	0.99	1.0	0.0	0.99	0.98
22	-	1.0	0.5	0.0	0.0	1.0	60	1.0	0.36	0.0	1.0	0.3	0.0	1.0	0.5	0.0	1.0
23	Rw	1.0	0.5	0.5	0.0	0.5	30	1.0	0.5	0.64	1.0	0.5	0.6	1.0	0.5	0.5	1.0
24	M'w	1.0	0.5	1.0	0.0	0.5	330	0.75	0.5	1.0	1.0	0.5	0.99	1.0	0.5	1.0	0.99
25	J	1.0	1.0	0.0	0.0	1.0	90	1.0	0.93	0.0	1.0	0.83	0.0	1.0	1.0	0.0	0.97
26	Jw	1.0	1.0	0.5	0.0	0.5	90	1.0	0.96	0.5	1.0	0.91	0.5	1.0	1.0	0.5	0.98
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

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

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

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

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

ZE100-7

BAM-test chart ZE10; Transfer olv^*_{3} , LCH*a, nce*, 1/12
NRS18, ORS18->ORS18, TLS00, NRS18, SRS18; 27 Colours

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

For input olv^*_{30} (ORS18) 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);

		->ORS18		->ORS18		ORS18		TLS00		NRS18		SRS18					
no.	Colour	olv^*_{30}	n^*	c^*	H^*_{si0}	olv^*_{31}	olv^*_{31}	olv^*_{32}	olv^*_{32}	olv^*_{33}	olv^*_{33}	olv^*_{34}	olv^*_{34}	olv^*_{34}	olv^*_{34}	olv^*_{34}	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
02	Vn	0.0	0.0	0.5	0.5	0.5	270	0.0	0.5	0.0	0.5	0.01	0.5	0.29	0.0	0.5	0.29
03	V	0.0	0.0	1.0	0.0	1.0	270	0.0	1.0	0.0	1.0	0.01	1.0	0.58	0.0	1.0	0.58
04	Ln	0.0	0.5	0.0	0.5	0.5	150	0.0	0.5	0.0	0.5	0.12	0.08	0.5	0.0	0.0	0.5
05	Cn	0.0	0.5	0.5	0.5	0.5	210	0.0	0.5	0.5	0.0	0.32	0.5	0.0	0.33	0.5	0.0
06	-	0.0	0.5	1.0	0.0	1.0	240	0.0	0.49	1.0	0.0	0.32	1.0	0.0	0.01	1.0	0.02
07	L	0.0	1.0	0.0	0.0	1.0	150	0.0	1.0	0.0	0.0	1.0	0.25	0.16	1.0	0.0	1.0
08	-	0.0	1.0	0.5	0.0	1.0	180	0.0	1.0	0.49	0.0	1.0	0.94	0.0	1.0	0.56	0.0
09	C	0.0	1.0	1.0	0.0	1.0	210	0.0	1.0	1.0	0.0	0.64	1.0	0.0	0.65	1.0	0.0
10	On	0.5	0.0	0.0	0.5	0.5	30	0.5	0.0	0.0	0.5	0.0	0.01	0.5	0.09	0.0	0.5
11	Mn	0.5	0.0	0.5	0.5	0.5	330	0.5	0.0	0.5	0.5	0.0	0.32	0.5	0.0	0.28	0.5
12	-	0.5	0.0	1.0	0.0	1.0	300	0.49	0.0	1.0	1.0	0.0	0.99	1.0	0.0	0.99	0.98
13	Ln	0.5	0.5	0.0	0.5	0.5	90	0.5	0.5	0.0	0.5	0.45	0.0	0.47	0.5	0.0	0.45
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
15	Vw	0.5	0.5	1.0	0.0	0.5	270	0.5	0.5	1.0	0.5	0.51	1.0	0.79	0.5	1.0	0.79
16	-	0.5	1.0	0.0	0.0	1.0	120	0.49	1.0	0.0	0.36	1.0	0.0	0.55	1.0	0.0	0.43
17	Lw	0.5	1.0	0.5	0.0	0.5	150	0.5	1.0	0.5	0.5	1.0	0.62	0.58	1.0	0.5	0.5
18	Mw	0.5	1.0	1.0	0.0	0.5	210	0.5	1.0	0.5	1.0	0.82	1.0	0.5	0.83	1.0	0.5
19	O	1.0	0.0	0.0	0.0	1.0	30	1.0	0.01	0.0	1.0	0.0	0.03	1.0	0.19	0.0	1.0
20	-	1.0	0.0	0.5	0.0	1.0	0	1.0	0.0	0.49	1.0	0.0	0.33	1.0	0.0	0.17	1.0
21	M	1.0	0.0	1.0	0.0	1.0	330	1.0	0.0	0.99	1.0	0.0	0.64	1.0	0.0	0.55	1.0
22	-	1.0	0.5	0.0	0.0	1.0	60	1.0	0.5	0.0	1.0	0.43	0.0	1.0	0.62	0.0	1.0
23	Ow	1.0	0.5	0.5	0.0	0.5	30	1.0	0.5	0.5	1.0	0.5	0.51	1.0	0.59	0.5	1.0
24	Mw	1.0	0.5	1.0	0.0	0.5	330	1.0	0.5	1.0	1.0	0.5	0.82	1.0	0.5	0.78	1.0
25	Y	1.0	1.0	0.0	0.0	1.0	90	1.0	0.99	0.0	1.0	0.89	0.0	0.95	1.0	0.0	0.9
26	Yw	1.0	1.0	0.5	0.0	0.5	90	1.0	1.0	0.5	1.0	0.95	0.5	0.97	1.0	0.5	0.95
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

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

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

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

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

ZE101-7

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

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

For input olv^*_{30} (NRS18) 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);

		->NRS18		->NRS18		ORS18		TLS00		NRS18		SRS18	
no.	Colour	olv^*_{30}	rgb^*_{30}	n^*	c^*	H^*_{s10}	$LCH^*_{a,M1}$	$LCH^*_{a,M2}$	$LCH^*_{a,M2}$	$LCH^*_{a,M3}$	$LCH^*_{a,M3}$	$LCH^*_{a,M4}$	$LCH^*_{a,M4}$
01	N	0.0	0.0	0.0	1.0	0.0	-	48.1 74.1 -	54.6 90.6 -	56.7 68.1 -	56.7 67.1 -		
02	Bn	0.0	0.0	0.5	0.5	0.5	270	41.5 44.8 272	48.0 29.5 272	56.7 77.2 272	56.7 75.9 272		
03	B	0.0	0.0	1.0	0.0	1.0	270	41.5 44.8 272	48.0 29.5 272	56.7 77.2 272	56.7 75.9 272		
04	Gn	0.0	0.5	0.0	0.5	0.5	150	51.9 62.1 162	85.0 99.7 162	56.7 77.2 162	56.7 70.5 162		
05	C'n	0.0	0.5	0.5	0.5	0.5	210	56.9 57.8 217	76.3 33.5 217	56.7 77.4 217	56.7 72.8 217		
06	-	0.0	0.5	1.0	0.0	1.0	240	54.8 50.0 244	62.4 27.9 244	56.7 68.7 244	56.7 67.2 244		
07	G	0.0	1.0	0.0	0.0	1.0	150	51.9 62.1 162	85.0 99.7 162	56.7 77.2 162	56.7 70.5 162		
08	-	0.0	1.0	0.5	0.0	1.0	180	54.4 53.1 190	86.5 109 190	56.7 68.7 190	56.7 68.1 190		
09	C'	0.0	1.0	1.0	0.0	1.0	210	56.9 57.8 217	76.3 33.5 217	56.7 77.4 217	56.7 72.8 217		
10	Rn	0.5	0.0	0.0	0.5	0.5	30	48.0 71.2 25	51.9 96.2 25	56.7 77.1 25	56.7 74.0 25		
11	M'n	0.5	0.0	0.5	0.5	0.5	330	36.8 49.4 329	57.2 110 329	56.7 77.1 329	56.7 76.6 329		
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	Gn	0.5	0.5	0.0	0.5	0.5	90	87.2 79.4 92	85.4 91.5 92	56.7 77.1 92	56.7 75.9 92		
14	Z	0.5	0.5	0.5	0.5	0.0	-	48.1 74.1 -	54.6 90.6 -	56.7 68.1 -	56.7 67.1 -		
15	Bw	0.5	0.5	1.0	0.0	0.5	270	41.5 44.8 272	48.0 29.5 272	56.7 77.2 272	56.7 75.9 272		
16	-	0.5	1.0	0.0	0.0	1.0	120	68.2 82.2 127	86.1 90.0 127	56.7 63.4 127	56.7 67.5 127		
17	Gw	0.5	1.0	0.5	0.0	0.5	150	51.9 62.1 162	85.0 99.7 162	56.7 77.2 162	56.7 70.5 162		
18	M'w	0.5	1.0	1.0	0.0	0.5	210	56.9 57.8 217	76.3 33.5 217	56.7 77.4 217	56.7 72.8 217		
19	R	1.0	0.0	0.0	0.0	1.0	30	48.0 71.2 25	51.9 96.2 25	56.7 77.1 25	56.7 74.0 25		
20	-	1.0	0.0	0.5	0.0	1.0	0	48.1 74.1 357	54.6 90.6 357	56.7 68.1 357	56.7 67.1 357		
21	M'	1.0	0.0	1.0	0.0	1.0	330	36.8 49.4 329	57.2 110 329	56.7 77.1 329	56.7 76.6 329		
22	-	1.0	0.5	0.0	0.0	1.0	60	63.3 72.7 59	63.2 87.7 59	56.7 64.6 59	56.7 67.0 59		
23	Rw	1.0	0.5	0.5	0.0	0.5	30	48.0 71.2 25	51.9 96.2 25	56.7 77.1 25	56.7 74.0 25		
24	M'w	1.0	0.5	1.0	0.0	0.5	330	36.8 49.4 329	57.2 110 329	56.7 77.1 329	56.7 76.6 329		
25	J	1.0	1.0	0.0	0.0	1.0	90	87.2 79.4 92	85.4 91.5 92	56.7 77.1 92	56.7 75.9 92		
26	Jw	1.0	1.0	0.5	0.0	0.5	90	87.2 79.4 92	85.4 91.5 92	56.7 77.1 92	56.7 75.9 92		
27	W	1.0	1.0	1.0	0.0	0.0	-	48.1 74.1 -	54.6 90.6 -	56.7 68.1 -	56.7 67.1 -		

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

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

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

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

ZE100-7

BAM-test chart ZE10; Transfer olv^*_{30} , $LCH^*_{a,M}$, nce^* , 2/12
NRS18, ORS18->ORS18, TLS00, NRS18, SRS18; 27 Colours

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

For input olv^*_{30} (ORS18) 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);
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Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

	->ORS18			->ORS18			ORS18			TLS00			NRS18			SRS18			
no.	Colour	ol^*_30	ab^*_30	n^*	c^*	H^*_{si0}	$LCH^*_{a,M1}$	$LCH^*_{b,M1}$	$LCH^*_{s,M1}$	$LCH^*_{a,M2}$	$LCH^*_{b,M2}$	$LCH^*_{s,M2}$	$LCH^*_{a,M3}$	$LCH^*_{b,M3}$	$LCH^*_{s,M3}$	$LCH^*_{a,M4}$	$LCH^*_{b,M4}$	$LCH^*_{s,M4}$	
01	N	0.0	0.0	0.0	1.0	0.0	-	48.0	70.2	-	52.8	91.9	-	56.7	72.0	-	56.7	69.7	-
02	Vn	0.0	0.0	0.5	0.5	0.5	270	25.7	54.3	305	31.1	46.6	305	56.7	68.3	305	56.7	67.3	305
03	V	0.0	0.0	1.0	0.0	1.0	270	25.7	54.3	305	31.1	46.6	305	56.7	68.3	305	56.7	67.3	305
04	Ln	0.0	0.5	0.0	0.5	0.5	150	50.9	71.8	151	84.4	103	151	56.7	69.3	151	56.7	76.6	151
05	Cn	0.0	0.5	0.5	0.5	0.5	210	58.6	71.9	236	66.5	28.6	236	56.7	69.5	236	56.7	67.2	236
06	-	0.0	0.5	1.0	0.0	1.0	240	41.9	44.8	271	48.5	29.3	271	56.7	76.9	271	56.7	76.6	271
07	L	0.0	1.0	0.0	0.0	1.0	150	50.9	71.8	151	84.4	103	151	56.7	69.3	151	56.7	76.6	151
08	-	0.0	1.0	0.5	0.0	1.0	180	54.7	53.0	193	86.7	111	193	56.7	68.8	193	56.7	68.8	193
09	C	0.0	1.0	1.0	0.0	1.0	210	58.6	71.9	236	66.5	28.6	236	56.7	69.5	236	56.7	67.2	236
10	On	0.5	0.0	0.0	0.5	0.5	30	48.2	82.4	38	50.7	108	38	56.7	69.1	38	56.7	72.3	38
11	Mn	0.5	0.0	0.5	0.5	0.5	330	48.1	75.6	354	54.9	91.3	354	56.7	68.2	354	56.7	67.4	354
12	-	0.5	0.0	1.0	0.0	1.0	300	36.8	49.4	329	57.2	110	329	56.7	77.1	329	56.7	76.6	329
13	Ln	0.5	0.5	0.0	0.5	0.5	90	90.1	82.3	96	88.1	94.2	96	56.7	74.2	96	56.7	73.4	96
14	Z	0.5	0.5	0.5	0.5	0.0	-	48.0	70.2	-	52.8	91.9	-	56.7	72.0	-	56.7	69.7	-
15	Vw	0.5	0.5	1.0	0.0	0.5	270	25.7	54.3	305	31.1	46.6	305	56.7	68.3	305	56.7	67.3	305
16	-	0.5	1.0	0.0	0.0	1.0	120	70.4	82.1	124	86.9	89.5	124	56.7	63.5	124	56.7	67.2	124
17	Lw	0.5	1.0	0.5	0.0	0.5	150	50.9	71.8	151	84.4	103	151	56.7	69.3	151	56.7	76.6	151
18	Mw	0.5	1.0	1.0	0.0	0.5	210	58.6	71.9	236	66.5	28.6	236	56.7	69.5	236	56.7	67.2	236
19	O	1.0	0.0	0.0	0.0	1.0	30	48.2	82.4	38	50.7	108	38	56.7	69.1	38	56.7	72.3	38
20	-	1.0	0.0	0.5	0.0	1.0	0	48.0	70.2	16	52.8	91.9	16	56.7	72.0	16	56.7	69.7	16
21	M	1.0	0.0	1.0	0.0	1.0	330	48.1	75.6	354	54.9	91.3	354	56.7	68.2	354	56.7	67.4	354
22	-	1.0	0.5	0.0	0.0	1.0	60	69.1	72.0	67	68.6	85.9	67	56.7	65.3	67	56.7	67.5	67
23	Ow	1.0	0.5	0.5	0.0	0.5	30	48.2	82.4	38	50.7	108	38	56.7	69.1	38	56.7	72.3	38
24	Mw	1.0	0.5	1.0	0.0	0.5	330	48.1	75.6	354	54.9	91.3	354	56.7	68.2	354	56.7	67.4	354
25	Y	1.0	1.0	0.0	0.0	1.0	90	90.1	82.3	96	88.1	94.2	96	56.7	74.2	96	56.7	73.4	96
26	Yw	1.0	1.0	0.5	0.0	0.5	90	90.1	82.3	96	88.1	94.2	96	56.7	74.2	96	56.7	73.4	96
27	W	1.0	1.0	1.0	0.0	0.0	-	48.0	70.2	-	52.8	91.9	-	56.7	72.0	-	56.7	69.7	-

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

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

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

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

ZE101-7

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

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

For input olv^*_{30} (NRS18) 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);

		->NRS18			->NRS18			ORS18			TLS00			NRS18			SRS18		
no.	Colour	olv^*_{30}	n^*	c^*	H^*_{si0}	LCH^*_{a1}		LCH^*_{a2}		LCH^*_{a3}		LCH^*_{a4}		LCH^*_{a5}		LCH^*_{a6}		LCH^*_{a7}	
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	Bn	0.0	0.0	0.5	0.5	0.5	270	29.7	22.4	272	24.0	14.8	272	37.4	38.6	272	37.4	38.0	272
03	B	0.0	0.0	1.0	0.0	1.0	270	41.5	44.8	272	48.0	29.5	272	56.7	77.2	272	56.7	75.9	272
04	Gn	0.0	0.5	0.0	0.5	0.5	150	35.0	31.1	162	42.5	49.9	162	37.4	38.6	162	37.4	35.2	162
05	C'n	0.0	0.5	0.5	0.5	0.5	210	37.5	28.9	217	38.1	16.7	217	37.4	38.7	217	37.4	36.4	217
06	-	0.0	0.5	1.0	0.0	1.0	240	54.8	50.0	244	62.4	27.9	244	56.7	68.7	244	56.7	67.2	244
07	G	0.0	1.0	0.0	0.0	1.0	150	51.9	62.1	162	85.0	99.7	162	56.7	77.2	162	56.7	70.5	162
08	-	0.0	1.0	0.5	0.0	1.0	180	54.4	53.1	190	86.5	109	190	56.7	68.7	190	56.7	68.1	190
09	C'	0.0	1.0	1.0	0.0	1.0	210	56.9	57.8	217	76.3	33.5	217	56.7	77.4	217	56.7	72.8	217
10	Rn	0.5	0.0	0.0	0.5	0.5	30	33.0	35.6	25	26.0	48.1	25	37.4	38.5	25	37.4	37.0	25
11	M'n	0.5	0.0	0.5	0.5	0.5	330	27.4	24.7	329	28.6	55.0	329	37.4	38.6	329	37.4	38.3	329
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	Gn	0.5	0.5	0.0	0.5	0.5	90	52.6	39.7	92	42.7	45.8	92	37.4	38.6	92	37.4	38.0	92
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	Bw	0.5	0.5	1.0	0.0	0.5	270	68.4	22.4	272	71.7	14.8	272	76.1	38.6	272	76.1	38.0	272
16	-	0.5	1.0	0.0	0.0	1.0	120	68.2	82.2	127	86.1	90.0	127	56.7	63.4	127	56.7	67.5	127
17	Gw	0.5	1.0	0.5	0.0	0.5	150	73.7	31.1	162	90.2	49.9	162	76.1	38.6	162	76.1	35.2	162
18	M'w	0.5	1.0	1.0	0.0	0.5	210	76.2	28.9	217	85.8	16.7	217	76.1	38.7	217	76.1	36.4	217
19	R	1.0	0.0	0.0	0.0	1.0	30	48.0	71.2	25	51.9	96.2	25	56.7	77.1	25	56.7	74.0	25
20	-	1.0	0.0	0.5	0.0	1.0	0	48.1	74.1	357	54.6	90.6	357	56.7	68.1	357	56.7	67.1	357
21	M'	1.0	0.0	1.0	0.0	1.0	330	36.8	49.4	329	57.2	110	329	56.7	77.1	329	56.7	76.6	329
22	-	1.0	0.5	0.0	0.0	1.0	60	63.3	72.7	59	63.2	87.7	59	56.7	64.6	59	56.7	67.0	59
23	Rw	1.0	0.5	0.5	0.0	0.5	30	71.7	35.6	25	73.7	48.1	25	76.1	38.5	25	76.1	37.0	25
24	M'w	1.0	0.5	1.0	0.0	0.5	330	66.1	24.7	329	76.3	55.0	329	76.1	38.6	329	76.1	38.3	329
25	J	1.0	1.0	0.0	0.0	1.0	90	87.2	79.4	92	85.4	91.5	92	56.7	77.1	92	56.7	75.9	92
26	Jw	1.0	1.0	0.5	0.0	0.5	90	91.3	39.7	92	90.4	45.8	92	76.1	38.6	92	76.1	38.0	92
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	-

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

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

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

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

ZE100-7

BAM-test chart ZE10; Transfer olv^*_{30} , LCH^*_{a1} , nce^* , 3/12
NRS18, ORS18->ORS18, TLS00, NRS18, SRS18; 27 Colours

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

For input olv^*_{30} (ORS18) 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);

		->ORS18			->ORS18			ORS18			TLS00			NRS18			SRS18		
no.	Colour	olv^*_{30}	n^*	c^*	H^*_{si0}	LCH^*_{a1}		LCH^*_{a2}		LCH^*_{a3}		LCH^*_{a4}		LCH^*_{a5}		LCH^*_{a6}		LCH^*_{a7}	
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	21.9	27.1	305	15.5	23.3	305	37.4	34.1	305	37.4	33.6	305
03	V	0.0	0.0	1.0	0.0	1.0	270	25.7	54.3	305	31.1	46.6	305	56.7	68.3	305	56.7	67.3	305
04	Ln	0.0	0.5	0.0	0.5	0.5	150	34.5	35.9	151	42.2	51.5	151	37.4	34.6	151	37.4	38.3	151
05	Cn	0.0	0.5	0.5	0.5	0.5	210	38.3	35.9	236	33.3	14.3	236	37.4	34.7	236	37.4	33.6	236
06	-	0.0	0.5	1.0	0.0	1.0	240	41.9	44.8	271	48.5	29.3	271	56.7	76.9	271	56.7	76.6	271
07	L	0.0	1.0	0.0	0.0	1.0	150	50.9	71.8	151	84.4	103	151	56.7	69.3	151	56.7	76.6	151
08	-	0.0	1.0	0.5	0.0	1.0	180	54.7	53.0	193	86.7	111	193	56.7	68.8	193	56.7	68.8	193
09	C	0.0	1.0	1.0	0.0	1.0	210	58.6	71.9	236	66.5	28.6	236	56.7	69.5	236	56.7	67.2	236
10	On	0.5	0.0	0.0	0.5	0.5	30	33.1	41.2	38	25.3	54.2	38	37.4	34.6	38	37.4	36.1	38
11	Mn	0.5	0.0	0.5	0.5	0.5	330	33.1	37.8	354	27.4	45.7	354	37.4	34.1	354	37.4	33.7	354
12	-	0.5	0.0	1.0	0.0	1.0	300	36.8	49.4	329	57.2	110	329	56.7	77.1	329	56.7	76.6	329
13	Ln	0.5	0.5	0.0	0.5	0.5	90	54.1	41.2	96	44.0	47.1	96	37.4	37.1	96	37.4	36.7	96
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	60.6	27.1	305	63.2	23.3	305	76.1	34.1	305	76.1	33.6	305
16	-	0.5	1.0	0.0	0.0	1.0	120	70.4	82.1	124	86.9	89.5	124	56.7	63.5	124	56.7	67.2	124
17	Lw	0.5	1.0	0.5	0.0	0.5	150	73.2	35.9	151	89.9	51.5	151	76.1	34.6	151	76.1	38.3	151
18	Mw	0.5	1.0	1.0	0.0	0.5	210	77.0	35.9	236	81.0	14.3	236	76.1	34.7	236	76.1	33.6	236
19	O	1.0	0.0	0.0	0.0	1.0	30	48.2	82.4	38	50.7	108	38	56.7	69.1	38	56.7	72.3	38
20	-	1.0	0.0	0.5	0.0	1.0	0	48.0	70.2	16	52.8	91.9	16	56.7	72.0	16	56.7	69.7	16
21	M	1.0	0.0	1.0	0.0	1.0	330	48.1	75.6	354	54.9	91.3	354	56.7	68.2	354	56.7	67.4	354
22	-	1.0	0.5	0.0	0.0	1.0	60	69.1	72.0	67	68.6	85.9	67	56.7	65.3	67	56.7	67.5	67
23	Ow	1.0	0.5	0.5	0.0	0.5	30	71.8	41.2	38	73.0	54.2	38	76.1	34.6	38	76.1	36.1	38
24	Mw	1.0	0.5	1.0	0.0	0.5	330	71.8	37.8	354	75.1	45.7	354	76.1	34.1	354	76.1	33.7	354
25	Y	1.0	1.0	0.0	0.0	1.0	90	90.1	82.3	96	88.1	94.2	96	56.7	74.2	96	56.7	73.4	96
26	Yw	1.0	1.0	0.5	0.0	0.5	90	92.8	41.2	96	91.7	47.1	96	76.1	37.1	96	76.1	36.7	96
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	-

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

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

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

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

ZE101-7

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

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

For input olv^*_{30} (NRS18) 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);

	->NRS18			->NRS18			ORS18		TLS00		NRS18		SRS18	
no.	Colour	olv^*_{30}	n^*_{30}	c^*_{30}	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	Bn	0.0	0.0	0.5	0.5	0.5	270	272	271	272	270	272	270	
03	B	0.0	0.0	1.0	0.0	1.0	270	272	271	272	270	272	270	
04	Gn	0.0	0.5	0.0	0.5	0.5	150	162	177	162	180	162	180	
05	C'n	0.0	0.5	0.5	0.5	0.5	210	217	224	217	225	217	225	
06	-	0.0	0.5	1.0	0.0	1.0	240	244	247	244	247	244	247	
07	G	0.0	1.0	0.0	0.0	1.0	150	162	177	162	180	162	180	
08	-	0.0	1.0	0.5	0.0	1.0	180	190	202	190	203	190	203	
09	C'	0.0	1.0	1.0	0.0	1.0	210	217	224	217	225	217	225	
10	Rn	0.5	0.0	0.0	0.5	0.5	30	25	0	25	359	25	359	
11	M'n	0.5	0.0	0.5	0.5	0.5	330	329	316	329	315	329	315	
12	-	0.5	0.0	1.0	0.0	1.0	300	300	293	300	292	300	292	
13	Gn	0.5	0.5	0.0	0.5	0.5	90	92	90	92	89	92	89	
14	Z	0.5	0.5	0.5	0.5	0.0	-	-	-	-	-	-	-	
15	Bw	0.5	0.5	1.0	0.0	0.5	270	272	271	272	270	272	270	
16	-	0.5	1.0	0.0	0.0	1.0	120	127	134	127	135	127	135	
17	Gw	0.5	1.0	0.5	0.0	0.5	150	162	177	162	180	162	180	
18	M'w	0.5	1.0	1.0	0.0	0.5	210	217	224	217	225	217	225	
19	R	1.0	0.0	0.0	0.0	1.0	30	25	0	25	359	25	359	
20	-	1.0	0.0	0.5	0.0	1.0	0	357	338	357	337	357	337	
21	M'	1.0	0.0	1.0	0.0	1.0	330	329	316	329	315	329	315	
22	-	1.0	0.5	0.0	0.0	1.0	60	59	46	59	45	59	45	
23	Rw	1.0	0.5	0.5	0.0	0.5	30	25	0	25	359	25	359	
24	M'w	1.0	0.5	1.0	0.0	0.5	330	329	316	329	315	329	315	
25	J	1.0	1.0	0.0	0.0	1.0	90	92	90	92	89	92	89	
26	Jw	1.0	1.0	0.5	0.0	0.5	90	92	90	92	89	92	89	
27	W	1.0	1.0	1.0	0.0	0.0	-	-	-	-	-	-	-	

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

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

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

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

ZE100-7

BAM-test chart ZE10; Transfer olv^*_{30} , LCH*a, nce*, 4/12
NRS18, ORS18->ORS18, TLS00, NRS18, SRS18; 27 Colours

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

For input olv^*_{30} (ORS18) 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);

	->ORS18			->ORS18			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	305	297	305	296	305	296	
03	V	0.0	0.0	1.0	0.0	1.0	270	305	297	305	296	305	296	
04	Ln	0.0	0.5	0.0	0.5	0.5	150	151	163	151	166	151	166	
05	Cn	0.0	0.5	0.5	0.5	0.5	210	236	240	236	241	236	241	
06	-	0.0	0.5	1.0	0.0	1.0	240	271	270	271	270	271	270	
07	L	0.0	1.0	0.0	0.0	1.0	150	151	163	151	166	151	166	
08	-	0.0	1.0	0.5	0.0	1.0	180	193	204	193	205	193	205	
09	C	0.0	1.0	1.0	0.0	1.0	210	236	240	236	241	236	241	
10	On	0.5	0.0	0.0	0.5	0.5	30	38	18	38	17	38	17	
11	Mn	0.5	0.0	0.5	0.5	0.5	330	354	336	354	335	354	335	
12	-	0.5	0.0	1.0	0.0	1.0	300	329	316	329	315	329	315	
13	Ln	0.5	0.5	0.0	0.5	0.5	90	96	95	96	95	96	95	
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	305	297	305	296	305	296	
16	-	0.5	1.0	0.0	0.0	1.0	120	124	130	124	131	124	131	
17	Lw	0.5	1.0	0.5	0.0	0.5	150	151	163	151	166	151	166	
18	Mw	0.5	1.0	1.0	0.0	0.5	210	236	240	236	241	236	241	
19	O	1.0	0.0	0.0	0.0	1.0	30	38	18	38	17	38	17	
20	-	1.0	0.0	0.5	0.0	1.0	0	16	353	16	352	16	352	
21	M	1.0	0.0	1.0	0.0	1.0	330	354	336	354	335	354	335	
22	-	1.0	0.5	0.0	0.0	1.0	60	67	57	67	56	67	56	
23	Ow	1.0	0.5	0.5	0.0	0.5	30	38	18	38	17	38	17	
24	Mw	1.0	0.5	1.0	0.0	0.5	330	354	336	354	335	354	335	
25	Y	1.0	1.0	0.0	0.0	1.0	90	96	95	96	95	96	95	
26	Yw	1.0	1.0	0.5	0.0	0.5	90	96	95	96	95	96	95	
27	W	1.0	1.0	1.0	0.0	0.0	-	-	-	-	-	-	-	

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

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

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

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

ZE101-7

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

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

For input LCH^*_{a0} (NRS18) 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	->NRS18 LCH^*_{a0}	->NRS18 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	Bn	37.4 38.6 272	0.5 0.5 272	0.0 0.24 0.5	0.0 0.16 0.5	0.0 0.0 0.5	0.02 0.0 0.5
03	B	56.7 77.2 272	0.0 1.0 272	0.0 0.48 1.0	0.0 0.31 1.0	0.0 0.0 1.0	0.03 0.0 1.0
04	Gn	37.4 38.6 162	0.5 0.5 162	0.0 0.5 0.07	0.0 0.5 0.22	0.0 0.5 0.0	0.0 0.5 0.1
05	C'n	37.4 38.7 217	0.5 0.5 217	0.0 0.5 0.39	0.0 0.41 0.5	0.0 0.5 0.5	0.0 0.44 0.5
06	-	56.7 68.7 244	0.0 1.0 244	0.0 0.88 1.0	0.0 0.57 1.0	0.0 0.51 1.0	0.0 0.43 1.0
07	G	56.7 77.2 162	0.0 1.0 162	0.0 1.0 0.13	0.0 1.0 0.43	0.0 1.0 0.0	1.0 0.2
08	-	56.7 68.7 190	0.0 1.0 190	0.0 1.0 0.46	0.0 1.0 0.89	0.0 1.0 0.51	0.0 1.0 0.67
09	C'	56.7 77.4 217	0.0 1.0 217	0.0 1.0 0.78	0.0 0.81 1.0	0.0 1.0 1.0	0.0 0.88 1.0
10	Rn	37.4 38.5 25	0.5 0.5 25	0.0 0.5 0.14	0.0 0.5 0.1	0.0 0.5 0.0	0.0 0.5 0.04
11	M'n	37.4 38.6 329	0.5 0.5 329	0.0 0.25 0.5	0.0 0.5 0.49	0.0 0.5 0.49	0.0 0.5 0.5
12	-	56.7 68.0 300	0.0 1.0 300	0.0 0.07 1.0	0.0 0.06 1.0	0.0 0.5 1.0	0.0 0.5 1.0
13	Gn	37.4 38.6 92	0.5 0.5 92	0.0 0.5 0.46	0.0 0.5 0.41	0.0 0.5 0.5	0.0 0.48 0.5
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	Bw	76.1 38.6 272	0.0 0.5 272	0.5 0.74 1.0	0.5 0.66 1.0	0.5 0.5 1.0	0.52 0.5 1.0
16	-	56.7 63.4 127	0.0 1.0 127	0.44 1.0 0.0	0.27 1.0 0.0	0.5 1.0 0.0	0.38 1.0 0.0
17	Gw	76.1 38.6 162	0.0 0.5 162	0.5 1.0 0.57	0.5 1.0 0.72	0.5 1.0 0.5	0.5 1.0 0.6
18	M'w	76.1 38.7 217	0.0 0.5 217	0.5 1.0 0.89	0.5 0.91 1.0	0.5 1.0 1.0	0.5 0.94 1.0
19	R	56.7 77.1 25	0.0 1.0 25	1.0 0.0 0.29	1.0 0.0 0.21	1.0 0.0 0.01	1.0 0.0 0.08
20	-	56.7 68.1 357	0.0 1.0 357	1.0 0.0 0.92	1.0 0.0 0.6	1.0 0.0 0.5	1.0 0.0 0.55
21	M'	56.7 77.1 329	0.0 1.0 329	0.49 0.0 1.0	0.0 0.99 1.0	0.0 0.99 0.98	0.0 1.0
22	-	56.7 64.6 59	0.0 1.0 59	1.0 0.36 0.0	1.0 0.3 0.0	1.0 0.5 0.0	1.0 0.48 0.0
23	Rw	76.1 38.5 25	0.0 0.5 25	1.0 0.5 0.64	1.0 0.5 0.6	1.0 0.5 0.5	1.0 0.5 0.54
24	M'w	76.1 38.6 329	0.0 0.5 329	0.75 0.5 1.0	1.0 0.5 0.99	1.0 0.5 1.0	0.99 0.5 1.0
25	J	56.7 77.1 92	0.0 1.0 92	1.0 0.93 0.0	1.0 0.83 0.0	1.0 1.0 0.0	0.97 1.0 0.0
26	Jw	76.1 38.6 92	0.0 0.5 92	1.0 0.96 0.5	1.0 0.91 0.5	1.0 1.0 0.5	0.98 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 ORS18 -> ORS18, TLS00, NRS18, SRS18

For input LCH^*_{a0} (ORS18) 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	->ORS18 LCH^*_{a0}	->ORS18 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	21.9 27.1 305	0.5 0.5 305	0.0 0.0 0.5	0.0 0.01 0.5	0.29 0.0 0.5	0.29 0.0 0.5
03	V	25.7 54.3 305	0.0 1.0 305	0.0 0.0 1.0	0.0 0.01 1.0	0.58 0.0 1.0	0.58 0.0 1.0
04	Ln	34.5 35.9 151	0.5 0.5 151	0.0 0.5 0.0	0.0 0.5 0.12	0.08 0.5 0.0	0.0 0.5 0.01
05	Cn	38.3 35.9 236	0.5 0.5 236	0.0 0.5 0.5	0.0 0.32 0.5	0.0 0.33 0.5	0.0 0.28 0.5
06	-	41.9 44.8 271	0.0 1.0 271	0.0 0.49 1.0	0.0 0.32 1.0	0.0 0.01 1.0	0.02 0.0 1.0
07	L	50.9 71.8 151	0.0 1.0 151	0.0 1.0 0.0	0.0 1.0 0.25	0.16 1.0 0.0	0.0 1.0 0.02
08	-	54.7 53.0 193	0.0 1.0 193	0.0 1.0 0.49	0.0 1.0 0.94	0.0 1.0 0.56	0.0 1.0 0.72
09	C	58.6 71.9 236	0.0 1.0 236	0.0 1.0 1.0	0.0 0.64 1.0	0.0 0.65 1.0	0.0 0.57 1.0
10	On	33.1 41.2 38	0.5 0.5 38	0.5 0.0 0.0	0.5 0.0 0.01	0.5 0.09 0.0	0.5 0.07 0.0
11	Mn	33.1 37.8 354	0.5 0.5 354	0.5 0.0 0.5	0.5 0.0 0.32	0.5 0.0 0.28	0.5 0.0 0.3
12	-	36.8 49.4 329	0.0 1.0 329	0.49 0.0 1.0	1.0 0.0 0.99	1.0 0.0 0.99	0.98 0.0 1.0
13	Ln	54.1 41.2 96	0.5 0.5 96	0.5 0.5 0.0	0.5 0.45 0.0	0.47 0.5 0.0	0.45 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	60.6 27.1 305	0.0 0.5 305	0.5 0.5 1.0	0.5 0.51 1.0	0.79 0.5 1.0	0.79 0.5 1.0
16	-	70.4 82.1 124	0.0 1.0 124	0.49 1.0 0.0	0.36 1.0 0.0	0.55 1.0 0.0	0.43 1.0 0.0
17	Lw	73.2 35.9 151	0.0 0.5 151	0.5 0.5 1.0	0.5 0.5 0.62	0.58 1.0 0.5	0.5 1.0 0.51
18	Mw	77.0 35.9 236	0.0 0.5 236	0.5 1.0 0.5	0.82 1.0 0.5	0.83 1.0 0.5	0.78 1.0 0.5
19	O	48.2 82.4 38	0.0 1.0 38	1.0 0.01 0.0	1.0 0.0 0.03	1.0 0.19 0.0	1.0 0.13 0.0
20	-	48.0 70.2 16	0.0 1.0 16	1.0 0.0 0.49	1.0 0.0 0.33	1.0 0.0 0.17	1.0 0.0 0.23
21	M	48.1 75.6 354	0.0 1.0 354	1.0 0.0 0.99	1.0 0.0 0.64	1.0 0.0 0.55	1.0 0.0 0.6
22	-	69.1 72.0 67	0.0 1.0 67	1.0 0.5 0.0	1.0 0.43 0.0	1.0 0.62 0.0	1.0 0.62 0.0
23	Ow	71.8 41.2 38	0.0 0.5 38	1.0 0.5 0.5	1.0 0.5 0.51	1.0 0.59 0.5	1.0 0.57 0.5
24	Mw	71.8 37.8 354	0.0 0.5 354	1.0 0.5 1.0	1.0 0.5 0.82	1.0 0.5 0.78	1.0 0.5 0.8
25	Y	90.1 82.3 96	0.0 1.0 96	1.0 0.99 0.0	1.0 0.89 0.0	0.95 1.0 0.0	0.9 1.0 0.0
26	Yw	92.8 41.2 96	0.0 0.5 96	1.0 1.0 0.5	1.0 0.95 0.5	0.97 1.0 0.5	0.95 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 NRS18 -> ORS18, TLS00, NRS18, SRS18

For input LCH^*_{a0} (NRS18) 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	->NRS18 LCH^*_{a0}	->NRS18 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 74.1 -	54.6 90.6 -	56.7 68.1 -	56.7 67.1 -
02	Bn	37.4 38.6 272	0.5 0.5 272	41.5 44.8 272	48.0 29.5 272	56.7 77.2 272	56.7 75.9 272
03	B	56.7 77.2 272	0.0 1.0 272	41.5 44.8 272	48.0 29.5 272	56.7 77.2 272	56.7 75.9 272
04	Gn	37.4 38.6 162	0.5 0.5 162	51.9 62.1 162	85.0 99.7 162	56.7 77.2 162	56.7 70.5 162
05	C'n	37.4 38.7 217	0.5 0.5 217	56.9 57.8 217	76.3 33.5 217	56.7 77.4 217	56.7 72.8 217
06	-	56.7 68.7 244	0.0 1.0 244	54.8 50.0 244	62.4 27.9 244	56.7 68.7 244	56.7 67.2 244
07	G	56.7 77.2 162	0.0 1.0 162	51.9 62.1 162	85.0 99.7 162	56.7 77.2 162	56.7 70.5 162
08	-	56.7 68.7 190	0.0 1.0 190	54.4 53.1 190	86.5 109 190	56.7 68.7 190	56.7 68.1 190
09	C'	56.7 77.4 217	0.0 1.0 217	56.9 57.8 217	76.3 33.5 217	56.7 77.4 217	56.7 72.8 217
10	Rn	37.4 38.5 25	0.5 0.5 25	48.0 71.2 25	51.9 96.2 25	56.7 77.1 25	56.7 74.0 25
11	M'n	37.4 38.6 329	0.5 0.5 329	36.8 49.4 329	57.2 110 329	56.7 77.1 329	56.7 76.6 329
12	-	56.7 68.0 300	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	Gn	37.4 38.6 92	0.5 0.5 92	87.2 79.4 92	85.4 91.5 92	56.7 77.1 92	56.7 75.9 92
14	Z	56.7 0.0 -	0.5 0.0 -	48.1 74.1 -	54.6 90.6 -	56.7 68.1 -	56.7 67.1 -
15	Bw	76.1 38.6 272	0.0 0.5 272	41.5 44.8 272	48.0 29.5 272	56.7 77.2 272	56.7 75.9 272
16	-	56.7 63.4 127	0.0 1.0 127	68.2 82.2 127	86.1 90.0 127	56.7 63.4 127	56.7 67.5 127
17	Gw	76.1 38.6 162	0.0 0.5 162	51.9 62.1 162	85.0 99.7 162	56.7 77.2 162	56.7 70.5 162
18	M'w	76.1 38.7 217	0.0 0.5 217	56.9 57.8 217	76.3 33.5 217	56.7 77.4 217	56.7 72.8 217
19	R	56.7 77.1 25	0.0 1.0 25	48.0 71.2 25	51.9 96.2 25	56.7 77.1 25	56.7 74.0 25
20	-	56.7 68.1 357	0.0 1.0 357	48.1 74.1 357	54.6 90.6 357	56.7 68.1 357	56.7 67.1 357
21	M'	56.7 77.1 329	0.0 1.0 329	36.8 49.4 329	57.2 110 329	56.7 77.1 329	56.7 76.6 329
22	-	56.7 64.6 59	0.0 1.0 59	63.3 72.7 59	63.2 87.7 59	56.7 64.6 59	56.7 67.0 59
23	Rw	76.1 38.5 25	0.0 0.5 25	48.0 71.2 25	51.9 96.2 25	56.7 77.1 25	56.7 74.0 25
24	M'w	76.1 38.6 329	0.0 0.5 329	36.8 49.4 329	57.2 110 329	56.7 77.1 329	56.7 76.6 329
25	J	56.7 77.1 92	0.0 1.0 92	87.2 79.4 92	85.4 91.5 92	56.7 77.1 92	56.7 75.9 92
26	Jw	76.1 38.6 92	0.0 0.5 92	87.2 79.4 92	85.4 91.5 92	56.7 77.1 92	56.7 75.9 92
27	W	95.4 0.0 -	0.0 0.0 -	48.1 74.1 -	54.6 90.6 -	56.7 68.1 -	56.7 67.1 -

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

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

For input LCH^*_{a0} (ORS18) 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	->ORS18 LCH^*_{a0}	->ORS18 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 -	48.0 70.2 -	52.8 91.9 -	56.7 72.0 -	56.7 69.7 -
02	Vn	21.9 27.1 305	0.5 0.5 305	25.7 54.3 305	31.1 46.6 305	56.7 68.3 305	56.7 67.3 305
03	V	25.7 54.3 305	0.0 1.0 305	25.7 54.3 305	31.1 46.6 305	56.7 68.3 305	56.7 67.3 305
04	Ln	34.5 35.9 151	0.5 0.5 151	50.9 71.8 151	84.4 103 151	56.7 69.3 151	56.7 76.6 151
05	Cn	38.3 35.9 236	0.5 0.5 236	58.6 71.9 236	66.5 28.6 236	56.7 69.5 236	56.7 67.2 236
06	-	41.9 44.8 271	0.0 1.0 271	41.9 44.8 271	48.5 29.3 271	56.7 76.9 271	56.7 76.6 271
07	L	50.9 71.8 151	0.0 1.0 151	50.9 71.8 151	84.4 103 151	56.7 69.3 151	56.7 76.6 151
08	-	54.7 53.0 193	0.0 1.0 193	54.7 53.0 193	86.7 111 193	56.7 68.8 193	56.7 68.8 193
09	C	58.6 71.9 236	0.0 1.0 236	58.6 71.9 236	66.5 28.6 236	56.7 69.5 236	56.7 67.2 236
10	On	33.1 41.2 38	0.5 0.5 38	48.2 82.4 38	50.7 108 38	56.7 69.1 38	56.7 72.3 38
11	Mn	33.1 37.8 354	0.5 0.5 354	48.1 75.6 354	54.9 91.3 354	56.7 68.2 354	56.7 67.4 354
12	-	36.8 49.4 329	0.0 1.0 329	36.8 49.4 329	57.2 110 329	56.7 77.1 329	56.7 76.6 329
13	Ln	54.1 41.2 96	0.5 0.5 96	90.1 82.3 96	88.1 94.2 96	56.7 74.2 96	56.7 73.4 96
14	Z	56.7 0.0 -	0.5 0.0 -	48.0 70.2 -	52.8 91.9 -	56.7 72.0 -	56.7 69.7 -
15	Vw	60.6 27.1 305	0.0 0.5 305	25.7 54.3 305	31.1 46.6 305	56.7 68.3 305	56.7 67.3 305
16	-	70.4 82.1 124	0.0 1.0 124	70.4 82.1 124	86.9 89.5 124	56.7 63.5 124	56.7 67.2 124
17	Lw	73.2 35.9 151	0.0 0.5 151	50.9 71.8 151	84.4 103 151	56.7 69.3 151	56.7 76.6 151
18	Mw	77.0 35.9 236	0.0 0.5 236	58.6 71.9 236	66.5 28.6 236	56.7 69.5 236	56.7 67.2 236
19	O	48.2 82.4 38	0.0 1.0 38	48.2 82.4 38	50.7 108 38	56.7 69.1 38	56.7 72.3 38
20	-	48.0 70.2 16	0.0 1.0 16	48.0 70.2 16	52.8 91.9 16	56.7 72.0 16	56.7 69.7 16
21	M	48.1 75.6 354	0.0 1.0 354	48.1 75.6 354	54.9 91.3 354	56.7 68.2 354	56.7 67.4 354
22	-	69.1 72.0 67	0.0 1.0 67	69.1 72.0 67	68.6 85.9 67	56.7 65.3 67	56.7 67.5 67
23	Ow	71.8 41.2 38	0.0 0.5 38	48.2 82.4 38	50.7 108 38	56.7 69.1 38	56.7 72.3 38
24	Mw	71.8 37.8 354	0.0 0.5 354	48.1 75.6 354	54.9 91.3 354	56.7 68.2 354	56.7 67.4 354
25	Y	90.1 82.3 96	0.0 1.0 96	90.1 82.3 96	88.1 94.2 96	56.7 74.2 96	56.7 73.4 96
26	Yw	92.8 41.2 96	0.0 0.5 96	90.1 82.3 96	88.1 94.2 96	56.7 74.2 96	56.7 73.4 96
27	W	95.4 0.0 -	0.0 0.0 -	48.0 70.2 -	52.8 91.9 -	56.7 72.0 -	56.7 69.7 -

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

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

For input LCH^*_{a0} (NRS18) 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	->NRS18 LCH^*_{a0}	->NRS18 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	Bn	37.4 38.6 272	0.5 0.5 272	29.7 22.4 272	24.0 14.8 272	37.4 38.6 272	37.4 38.0 272
03	B	56.7 77.2 272	0.0 1.0 272	41.5 44.8 272	48.0 29.5 272	56.7 77.2 272	56.7 75.9 272
04	Gn	37.4 38.6 162	0.5 0.5 162	35.0 31.1 162	42.5 49.9 162	37.4 38.6 162	37.4 35.2 162
05	C'n	37.4 38.7 217	0.5 0.5 217	37.5 28.9 217	38.1 16.7 217	37.4 38.7 217	37.4 36.4 217
06	-	56.7 68.7 244	0.0 1.0 244	54.8 50.0 244	62.4 27.9 244	56.7 68.7 244	56.7 67.2 244
07	G	56.7 77.2 162	0.0 1.0 162	51.9 62.1 162	85.0 99.7 162	56.7 77.2 162	56.7 70.5 162
08	-	56.7 68.7 190	0.0 1.0 190	54.4 53.1 190	86.5 109 190	56.7 68.7 190	56.7 68.1 190
09	C'	56.7 77.4 217	0.0 1.0 217	56.9 57.8 217	76.3 33.5 217	56.7 77.4 217	56.7 72.8 217
10	Rn	37.4 38.5 25	0.5 0.5 25	33.0 35.6 25	26.0 48.1 25	37.4 38.5 25	37.4 37.0 25
11	M'n	37.4 38.6 329	0.5 0.5 329	27.4 24.7 329	28.6 55.0 329	37.4 38.6 329	37.4 38.3 329
12	-	56.7 68.0 300	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	Gn	37.4 38.6 92	0.5 0.5 92	52.6 39.7 92	42.7 45.8 92	37.4 38.6 92	37.4 38.0 92
14	Z	56.7 0.0 -	0.5 0.0 -	56.7 0.0 -	47.7 0.0 -	56.7 0.0 -	56.7 0.0 -
15	Bw	76.1 38.6 272	0.0 0.5 272	68.4 22.4 272	71.7 14.8 272	76.1 38.6 272	76.1 38.0 272
16	-	56.7 63.4 127	0.0 1.0 127	68.2 82.2 127	86.1 90.0 127	56.7 63.4 127	56.7 67.5 127
17	Gw	76.1 38.6 162	0.0 0.5 162	73.7 31.1 162	90.2 49.9 162	76.1 38.6 162	76.1 35.2 162
18	M'w	76.1 38.7 217	0.0 0.5 217	76.2 28.9 217	85.8 16.7 217	76.1 38.7 217	76.1 36.4 217
19	R	56.7 77.1 25	0.0 1.0 25	48.0 71.2 25	51.9 96.2 25	56.7 77.1 25	56.7 74.0 25
20	-	56.7 68.1 357	0.0 1.0 357	48.1 74.1 357	54.6 90.6 357	56.7 68.1 357	56.7 67.1 357
21	M'	56.7 77.1 329	0.0 1.0 329	36.8 49.4 329	57.2 110 329	56.7 77.1 329	56.7 76.6 329
22	-	56.7 64.6 59	0.0 1.0 59	63.3 72.7 59	63.2 87.7 59	56.7 64.6 59	56.7 67.0 59
23	Rw	76.1 38.5 25	0.0 0.5 25	71.7 35.6 25	73.7 48.1 25	76.1 38.5 25	76.1 37.0 25
24	M'w	76.1 38.6 329	0.0 0.5 329	66.1 24.7 329	76.3 55.0 329	76.1 38.6 329	76.1 38.3 329
25	J	56.7 77.1 92	0.0 1.0 92	87.2 79.4 92	85.4 91.5 92	56.7 77.1 92	56.7 75.9 92
26	Jw	76.1 38.6 92	0.0 0.5 92	91.3 39.7 92	90.4 45.8 92	76.1 38.6 92	76.1 38.0 92
27	W	95.4 0.0 -	0.0 0.0 -	95.4 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 ORS18 -> ORS18, TLS00, NRS18, SRS18

For input LCH^*_{a0} (ORS18) 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	->ORS18 LCH^*_{a0}	->ORS18 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	21.9 27.1 305	0.5 0.5 305	21.9 27.1 305	15.5 23.3 305	37.4 34.1 305	37.4 33.6 305
03	V	25.7 54.3 305	0.0 1.0 305	25.7 54.3 305	31.1 46.6 305	56.7 68.3 305	56.7 67.3 305
04	Ln	34.5 35.9 151	0.5 0.5 151	34.5 35.9 151	42.2 51.5 151	37.4 34.6 151	37.4 38.3 151
05	Cn	38.3 35.9 236	0.5 0.5 236	38.3 35.9 236	33.3 14.3 236	37.4 34.7 236	37.4 33.6 236
06	-	41.9 44.8 271	0.0 1.0 271	41.9 44.8 271	48.5 29.3 271	56.7 76.9 271	56.7 76.6 271
07	L	50.9 71.8 151	0.0 1.0 151	50.9 71.8 151	84.4 103 151	56.7 69.3 151	56.7 76.6 151
08	-	54.7 53.0 193	0.0 1.0 193	54.7 53.0 193	86.7 111 193	56.7 68.8 193	56.7 68.8 193
09	C	58.6 71.9 236	0.0 1.0 236	58.6 71.9 236	66.5 28.6 236	56.7 69.5 236	56.7 67.2 236
10	On	33.1 41.2 38	0.5 0.5 38	33.1 41.2 38	25.3 54.2 38	37.4 34.6 38	37.4 36.1 38
11	Mn	33.1 37.8 354	0.5 0.5 354	33.1 37.8 354	27.4 45.7 354	37.4 34.1 354	37.4 33.7 354
12	-	36.8 49.4 329	0.0 1.0 329	36.8 49.4 329	57.2 110 329	56.7 77.1 329	56.7 76.6 329
13	Ln	54.1 41.2 96	0.5 0.5 96	54.1 41.2 96	44.0 47.1 96	37.4 37.1 96	37.4 36.7 96
14	Z	56.7 0.0 -	0.5 0.0 -	56.7 0.0 -	47.7 0.0 -	56.7 0.0 -	56.7 0.0 -
15	Vw	60.6 27.1 305	0.0 0.5 305	60.6 27.1 305	63.2 23.3 305	76.1 34.1 305	76.1 33.6 305
16	-	70.4 82.1 124	0.0 1.0 124	70.4 82.1 124	86.9 89.5 124	56.7 63.5 124	56.7 67.2 124
17	Lw	73.2 35.9 151	0.0 0.5 151	73.2 35.9 151	89.9 51.5 151	76.1 34.6 151	76.1 38.3 151
18	Mw	77.0 35.9 236	0.0 0.5 236	77.0 35.9 236	81.0 14.3 236	76.1 34.7 236	76.1 33.6 236
19	O	48.2 82.4 38	0.0 1.0 38	48.2 82.4 38	50.7 108 38	56.7 69.1 38	56.7 72.3 38
20	-	48.0 70.2 16	0.0 1.0 16	48.0 70.2 16	52.8 91.9 16	56.7 72.0 16	56.7 69.7 16
21	M	48.1 75.6 354	0.0 1.0 354	48.1 75.6 354	54.9 91.3 354	56.7 68.2 354	56.7 67.4 354
22	-	69.1 72.0 67	0.0 1.0 67	69.1 72.0 67	68.6 85.9 67	56.7 65.3 67	56.7 67.5 67
23	Ow	71.8 41.2 38	0.0 0.5 38	71.8 41.2 38	73.0 54.2 38	76.1 34.6 38	76.1 36.1 38
24	Mw	71.8 37.8 354	0.0 0.5 354	71.8 37.8 354	75.1 45.7 354	76.1 34.1 354	76.1 33.7 354
25	Y	90.1 82.3 96	0.0 1.0 96	90.1 82.3 96	88.1 94.2 96	56.7 74.2 96	56.7 73.4 96
26	Yw	92.8 41.2 96	0.0 0.5 96	92.8 41.2 96	91.7 47.1 96	76.1 37.1 96	76.1 36.7 96
27	W	95.4 0.0 -	0.0 0.0 -	95.4 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 NRS18 -> ORS18, TLS00, NRS18, SRS18

For input LCH^*_{a0} (NRS18) 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	->NRS18 LCH^*_{a0}	->NRS18 n^*, c^*, H^*_{ai0}	ORS18 $H^*_{ai1} H^*_{ei1}$	TLS00 $H^*_{ai2} H^*_{ei2}$	NRS18 $H^*_{ai3} H^*_{ei3}$	SRS18 $H^*_{ai4} H^*_{ei4}$
01	N	18.0 0.0 -	1.0 0.0 -	-	-	-	-
02	Bn	37.4 38.6 272	0.5 0.5 272	272 271	272 270	272 270	272 270
03	B	56.7 77.2 272	0.0 1.0 272	272 271	272 270	272 270	272 270
04	Gn	37.4 38.6 162	0.5 0.5 162	162 177	162 180	162 180	162 180
05	C'n	37.4 38.7 217	0.5 0.5 217	217 224	217 225	217 225	217 225
06	-	56.7 68.7 244	0.0 1.0 244	244 247	244 247	244 247	244 247
07	G	56.7 77.2 162	0.0 1.0 162	162 177	162 180	162 180	162 180
08	-	56.7 68.7 190	0.0 1.0 190	190 202	190 203	190 203	190 203
09	C'	56.7 77.4 217	0.0 1.0 217	217 224	217 225	217 225	217 225
10	Rn	37.4 38.5 25	0.5 0.5 25	25 0	25 359	25 359	25 359
11	M'n	37.4 38.6 329	0.5 0.5 329	329 316	329 315	329 315	329 315
12	-	56.7 68.0 300	0.0 1.0 300	300 293	300 292	300 292	300 292
13	Gn	37.4 38.6 92	0.5 0.5 92	92 90	92 89	92 89	92 89
14	Z	56.7 0.0 -	0.5 0.0 -	-	-	-	-
15	Bw	76.1 38.6 272	0.0 0.5 272	272 271	272 270	272 270	272 270
16	-	56.7 63.4 127	0.0 1.0 127	127 134	127 135	127 135	127 135
17	Gw	76.1 38.6 162	0.0 0.5 162	162 177	162 180	162 180	162 180
18	M'w	76.1 38.7 217	0.0 0.5 217	217 224	217 225	217 225	217 225
19	R	56.7 77.1 25	0.0 1.0 25	25 0	25 359	25 359	25 359
20	-	56.7 68.1 357	0.0 1.0 357	357 338	357 337	357 337	357 337
21	M'	56.7 77.1 329	0.0 1.0 329	329 316	329 315	329 315	329 315
22	-	56.7 64.6 59	0.0 1.0 59	59 46	59 45	59 45	59 45
23	Rw	76.1 38.5 25	0.0 0.5 25	25 0	25 359	25 359	25 359
24	M'w	76.1 38.6 329	0.0 0.5 329	329 316	329 315	329 315	329 315
25	J	56.7 77.1 92	0.0 1.0 92	92 90	92 89	92 89	92 89
26	Jw	76.1 38.6 92	0.0 0.5 92	92 90	92 89	92 89	92 89
27	W	95.4 0.0 -	0.0 0.0 -	-	-	-	-

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

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

For input LCH^*_{a0} (ORS18) 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	->ORS18 LCH^*_{a0}	->ORS18 n^*, c^*, H^*_{ai0}	ORS18 $H^*_{ai1} H^*_{ei1}$	TLS00 $H^*_{ai2} H^*_{ei2}$	NRS18 $H^*_{ai3} H^*_{ei3}$	SRS18 $H^*_{ai4} H^*_{ei4}$
01	N	18.0 0.0 -	1.0 0.0 -	-	-	-	-
02	Vn	21.9 27.1 305	0.5 0.5 305	305 297	305 296	305 296	305 296
03	V	25.7 54.3 305	0.0 1.0 305	305 297	305 296	305 296	305 296
04	Ln	34.5 35.9 151	0.5 0.5 151	151 163	151 166	151 166	151 166
05	Cn	38.3 35.9 236	0.5 0.5 236	236 240	236 241	236 241	236 241
06	-	41.9 44.8 271	0.0 1.0 271	271 270	271 270	271 270	271 270
07	L	50.9 71.8 151	0.0 1.0 151	151 163	151 166	151 166	151 166
08	-	54.7 53.0 193	0.0 1.0 193	193 204	193 205	193 205	193 205
09	C	58.6 71.9 236	0.0 1.0 236	236 240	236 241	236 241	236 241
10	On	33.1 41.2 38	0.5 0.5 38	38 18	38 17	38 17	38 17
11	Mn	33.1 37.8 354	0.5 0.5 354	354 336	354 335	354 335	354 335
12	-	36.8 49.4 329	0.0 1.0 329	329 316	329 315	329 315	329 315
13	Ln	54.1 41.2 96	0.5 0.5 96	96 95	96 95	96 95	96 95
14	Z	56.7 0.0 -	0.5 0.0 -	-	-	-	-
15	Vw	60.6 27.1 305	0.0 0.5 305	305 297	305 296	305 296	305 296
16	-	70.4 82.1 124	0.0 1.0 124	124 130	124 131	124 131	124 131
17	Lw	73.2 35.9 151	0.0 0.5 151	151 163	151 166	151 166	151 166
18	Mw	77.0 35.9 236	0.0 0.5 236	236 240	236 241	236 241	236 241
19	O	48.2 82.4 38	0.0 1.0 38	38 18	38 17	38 17	38 17
20	-	48.0 70.2 16	0.0 1.0 16	16 353	16 352	16 352	16 352
21	M	48.1 75.6 354	0.0 1.0 354	354 336	354 335	354 335	354 335
22	-	69.1 72.0 67	0.0 1.0 67	67 57	67 56	67 56	67 56
23	Ow	71.8 41.2 38	0.0 0.5 38	38 18	38 17	38 17	38 17
24	Mw	71.8 37.8 354	0.0 0.5 354	354 336	354 335	354 335	354 335
25	Y	90.1 82.3 96	0.0 1.0 96	96 95	96 95	96 95	96 95
26	Yw	92.8 41.2 96	0.0 0.5 96	96 95	96 95	96 95	96 95
27	W	95.4 0.0 -	0.0 0.0 -	-	-	-	-

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

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

For input **nce***₃₀ (NRS18) 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);

	->NRS18		->NRS18		ORS18		TLS00		NRS18		SRS18					
no. Colour	nce*	30	n*, c*, H* _{ei0}	olv*	31	32	33	34	35	36	37	38	39	40	41	42
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	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 Bn	0.5	0.5 0.75	0.5 0.5	270	0.0	0.24 0.5	0.0 0.16	0.5 0.0	0.0 0.0	0.5 0.0	0.02 0.0	0.5 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
03 B	0.0	1.0 0.75	0.0 1.0	270	0.0	0.48 1.0	0.0 0.31	1.0 0.0	0.0 0.0	1.0 0.0	0.03 0.0	1.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
04 Gn	0.5	0.5 0.5	0.5 0.5	180	0.0	0.5 0.07	0.0 0.5	0.22 0.0	0.5 0.0	0.5 0.0	0.0 0.5	0.1 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
05 C'n	0.5	0.5 0.63	0.5 0.5	225	0.0	0.5 0.39	0.0 0.41	0.5 0.0	0.5 0.5	0.0 0.5	0.0 0.44	0.5 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
06 -	0.0	1.0 0.69	0.0 1.0	247	0.0	0.88 1.0	0.0 0.57	1.0 0.0	0.51 1.0	0.0 0.0	0.43 1.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
07 G	0.0	1.0 0.5	0.0 1.0	180	0.0	1.0 0.13	0.0 1.0	0.43 0.0	1.0 0.0	0.0 0.0	1.0 0.0	0.2 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
08 -	0.0	1.0 0.56	0.0 1.0	203	0.0	1.0 0.46	0.0 1.0	0.89 0.0	1.0 0.51	0.0 1.0	0.67 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
09 C'	0.0	1.0 0.63	0.0 1.0	225	0.0	1.0 0.78	0.0 0.81	1.0 0.0	1.0 1.0	0.0 0.0	0.88 1.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
10 Rn	0.5	0.5 1.0	0.5 0.5	359	0.5	0.0 0.14	0.5 0.0	0.1 0.5	0.0 0.0	0.5 0.0	0.0 0.5	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
11 M'n	0.5	0.5 0.88	0.5 0.5	315	0.25	0.0 0.5	0.5 0.0	0.49 0.5	0.0 0.5	0.49 0.0	0.5 0.0	0.5 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 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	1.0 0.5	0.0 1.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
13 Gn	0.5	0.5 0.25	0.5 0.5	89	0.5	0.46 0.0	0.5 0.41	0.0 0.5	0.5 0.5	0.0 0.48	0.5 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 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	0.5 0.5	0.5 0.5	0.5 0.5	0.5 0.5	0.5 0.5	0.5 0.5	0.5 0.5
15 Bw	0.0	0.5 0.75	0.0 0.5	270	0.5	0.74 1.0	0.5 0.66	1.0 0.5	0.5 0.5	1.0 0.52	0.5 1.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
16 -	0.0	1.0 0.38	0.0 1.0	135	0.44	1.0 0.0	0.27 1.0	0.0 0.5	1.0 0.0	0.38 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
17 Gw	0.0	0.5 0.5	0.0 0.5	180	0.5	1.0 0.57	0.5 1.0	0.72 0.5	1.0 0.5	0.5 1.0	0.6 0.5	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
18 M'w	0.0	0.5 0.63	0.0 0.5	225	0.5	1.0 0.89	0.5 0.91	1.0 0.5	1.0 1.0	0.5 0.94	1.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
19 R	0.0	1.0 1.0	0.0 1.0	359	1.0	0.0 0.29	1.0 0.0	0.21 1.0	0.0 0.0	0.01 1.0	0.0 0.0	0.08 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
20 -	0.0	1.0 0.94	0.0 1.0	337	1.0	0.0 0.92	1.0 0.0	0.6 1.0	0.0 0.5	1.0 0.0	0.55 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
21 M'	0.0	1.0 0.88	0.0 1.0	315	0.49	0.0 1.0	0.0 0.99	1.0 0.0	0.99 0.98	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
22 -	0.0	1.0 0.13	0.0 1.0	45	1.0	0.36 0.0	1.0 0.3	0.0 1.0	0.5 0.0	1.0 0.48	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
23 Rw	0.0	0.5 1.0	0.0 0.5	359	1.0	0.5 0.64	1.0 0.5	0.6 1.0	0.5 0.5	1.0 0.5	0.54 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
24 M'w	0.0	0.5 0.88	0.0 0.5	315	0.75	0.5 1.0	1.0 0.5	0.99 1.0	0.5 1.0	0.99 0.5	1.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
25 J	0.0	1.0 0.25	0.0 1.0	89	1.0	0.93 0.0	1.0 0.83	0.0 1.0	1.0 0.0	0.97 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
26 Jw	0.0	0.5 0.25	0.0 0.5	89	1.0	0.96 0.5	1.0 0.91	0.5 1.0	1.0 0.5	0.98 1.0	0.5 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
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	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0

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

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

For input **nce***₃₀ (ORS18) 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);

	->ORS18		->ORS18		ORS18		TLS00		NRS18		SRS18					
no. Colour	nce*	30	n*, c*, H* _{ei0}	olv*	31	32	33	34	35	36	37	38	39	40	41	42
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	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	0.5	0.5 0.83	0.5 0.5	297	0.0	0.0 0.5	0.0 0.01	0.5 0.29	0.0 0.5	0.29 0.0	0.5 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
03 V	0.0	1.0 0.83	0.0 1.0	297	0.0	0.0 1.0	0.0 0.01	1.0 0.58	0.0 1.0	0.58 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
04 Ln	0.5	0.5 0.45	0.5 0.5	163	0.0	0.5 0.0	0.0 0.5	0.12 0.08	0.5 0.0	0.0 0.5	0.0 0.0	0.5 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
05 Cn	0.5	0.5 0.67	0.5 0.5	240	0.0	0.5 0.5	0.0 0.32	0.5 0.0	0.33 0.5	0.0 0.28	0.5 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
06 -	0.0	1.0 0.75	0.0 1.0	270	0.0	0.49 1.0	0.0 0.32	1.0 0.0	0.01 1.0	0.02 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
07 L	0.0	1.0 0.45	0.0 1.0	163	0.0	1.0 0.0	0.0 1.0	0.25 0.16	1.0 0.0	0.0 1.0	0.02 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
08 -	0.0	1.0 0.57	0.0 1.0	204	0.0	1.0 0.49	0.0 1.0	0.94 0.0	1.0 0.56	0.0 1.0	0.72 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
09 C	0.0	1.0 0.67	0.0 1.0	240	0.0	1.0 1.0	0.0 0.64	1.0 0.0	0.65 1.0	0.0 0.57	1.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
10 On	0.5	0.5 0.05	0.5 0.5	18	0.5	0.0 0.0	0.5 0.0	0.01 0.5	0.09 0.0	0.5 0.07	0.0 0.5	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
11 Mn	0.5	0.5 0.93	0.5 0.5	336	0.5	0.0 0.5	0.5 0.0	0.32 0.5	0.0 0.28	0.5 0.0	0.3 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
12 -	0.0	1.0 0.88	0.0 1.0	316	0.49	0.0 1.0	0.0 0.99	1.0 0.0	0.99 0.98	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
13 Ln	0.5	0.5 0.26	0.5 0.5	95	0.5	0.5 0.0	0.5 0.45	0.0 0.47	0.5 0.0	0.45 0.5	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 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	0.5 0.5	0.5 0.5	0.5 0.5	0.5 0.5	0.5 0.5	0.5 0.5	0.5 0.5
15 Vw	0.0	0.5 0.83	0.0 0.5	297	0.5	0.5 1.0	0.5 0.51	1.0 0.79	0.5 1.0	0.79 0.5	1.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
16 -	0.0	1.0 0.36	0.0 1.0	130	0.49	1.0 0.0	0.36 1.0	0.0 0.55	1.0 0.0	0.43 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
17 Lw	0.0	0.5 0.45	0.0 0.5	163	0.5	1.0 0.5	0.5 1.0	0.62 0.58	1.0 0.5	0.5 1.0	0.51 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
18 Mw	0.0	0.5 0.67	0.0 0.5	240	0.5	1.0 0.5	0.5 0.82	1.0 0.5	0.83 1.0	0.5 0.78	1.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
19 O	0.0	1.0 0.05	0.0 1.0	18	1.0	0.01 0.0	1.0 0.0	0.03 1.0	0.19 0.0	1.0 0.13	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
20 -	0.0	1.0 0.98	0.0 1.0	353	1.0	0.0 0.49	1.0 0.0	0.33 1.0	0.0 0.17	1.0 0.0	0.23 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
21 M	0.0	1.0 0.93	0.0 1.0	336	1.0	0.0 0.99	1.0 0.0	0.64 1.0	0.0 0.55	1.0 0.0	0.6 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
22 -	0.0	1.0 0.16	0.0 1.0	57	1.0	0.5 0.0	1.0 0.43	0.0 1.0	0.62 0.0	1.0 0.62	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
23 Ow	0.0	0.5 0.05	0.0 0.5	18	1.0	0.5 0.5	1.0 0.5	0.51 1.0	0.59 0.5	1.0 0.57	0.5 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
24 Mw	0.0	0.5 0.93	0.0 0.5	336	1.0	0.5 1.0	1.0 0.5	0.82 1.0	0.5 0.78	1.0 0.5	0.8 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
25 Y	0.0	1.0 0.26	0.0 1.0	95	1.0	0.99 0.0	1.0 0.89	0.0 0.95	1.0 0.0	0.9 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
26 Yw	0.0	0.5 0.26	0.0 0.5	95	1.0	1.0 0.5	1.0 0.95	0.5 0.97	1.0 0.5	0.95 1.0	0.5 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0
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	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0

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

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

For input nce^*_{30} (NRS18) 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);

	->NRS18		->NRS18		ORS18		TLS00		NRS18		SRS18	
no. Colour	nce^*_{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 74.1 -		54.6 90.6 -		56.7 68.1 -		56.7 67.1 -	
02 Bn	0.5	0.5 0.75	0.5	0.5	270 41.5 44.8 272		48.0 29.5 272		56.7 77.2 272		56.7 75.9 272	
03 B	0.0	1.0 0.75	0.0	1.0	270 41.5 44.8 272		48.0 29.5 272		56.7 77.2 272		56.7 75.9 272	
04 Gn	0.5	0.5 0.5	0.5	0.5	180 51.9 62.1 162		85.0 99.7 162		56.7 77.2 162		56.7 70.5 162	
05 C'n	0.5	0.5 0.63	0.5	0.5	225 56.9 57.8 217		76.3 33.5 217		56.7 77.4 217		56.7 72.8 217	
06 -	0.0	1.0 0.69	0.0	1.0	247 54.8 50.0 244		62.4 27.9 244		56.7 68.7 244		56.7 67.2 244	
07 G	0.0	1.0 0.5	0.0	1.0	180 51.9 62.1 162		85.0 99.7 162		56.7 77.2 162		56.7 70.5 162	
08 -	0.0	1.0 0.56	0.0	1.0	203 54.4 53.1 190		86.5 109 190		56.7 68.7 190		56.7 68.1 190	
09 C'	0.0	1.0 0.63	0.0	1.0	225 56.9 57.8 217		76.3 33.5 217		56.7 77.4 217		56.7 72.8 217	
10 Rn	0.5	0.5 1.0	0.5	0.5	359 48.0 71.2 25		51.9 96.2 25		56.7 77.1 25		56.7 74.0 25	
11 M'n	0.5	0.5 0.88	0.5	0.5	315 36.8 49.4 329		57.2 110 329		56.7 77.1 329		56.7 76.6 329	
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 Gn	0.5	0.5 0.25	0.5	0.5	89 87.2 79.4 92		85.4 91.5 92		56.7 77.1 92		56.7 75.9 92	
14 Z	0.5	0.0 -	0.5	0.0 -	48.1 74.1 -		54.6 90.6 -		56.7 68.1 -		56.7 67.1 -	
15 Bw	0.0	0.5 0.75	0.0	0.5	270 41.5 44.8 272		48.0 29.5 272		56.7 77.2 272		56.7 75.9 272	
16 -	0.0	1.0 0.38	0.0	1.0	135 68.2 82.2 127		86.1 90.0 127		56.7 63.4 127		56.7 67.5 127	
17 Gw	0.0	0.5 0.5	0.0	0.5	180 51.9 62.1 162		85.0 99.7 162		56.7 77.2 162		56.7 70.5 162	
18 M'w	0.0	0.5 0.63	0.0	0.5	225 56.9 57.8 217		76.3 33.5 217		56.7 77.4 217		56.7 72.8 217	
19 R	0.0	1.0 1.0	0.0	1.0	359 48.0 71.2 25		51.9 96.2 25		56.7 77.1 25		56.7 74.0 25	
20 -	0.0	1.0 0.94	0.0	1.0	337 48.1 74.1 357		54.6 90.6 357		56.7 68.1 357		56.7 67.1 357	
21 M'	0.0	1.0 0.88	0.0	1.0	315 36.8 49.4 329		57.2 110 329		56.7 77.1 329		56.7 76.6 329	
22 -	0.0	1.0 0.13	0.0	1.0	45 63.3 72.7 59		63.2 87.7 59		56.7 64.6 59		56.7 67.0 59	
23 Rw	0.0	0.5 1.0	0.0	0.5	359 48.0 71.2 25		51.9 96.2 25		56.7 77.1 25		56.7 74.0 25	
24 M'w	0.0	0.5 0.88	0.0	0.5	315 36.8 49.4 329		57.2 110 329		56.7 77.1 329		56.7 76.6 329	
25 J	0.0	1.0 0.25	0.0	1.0	89 87.2 79.4 92		85.4 91.5 92		56.7 77.1 92		56.7 75.9 92	
26 Jw	0.0	0.5 0.25	0.0	0.5	89 87.2 79.4 92		85.4 91.5 92		56.7 77.1 92		56.7 75.9 92	
27 W	0.0	0.0 -	0.0	0.0 -	48.1 74.1 -		54.6 90.6 -		56.7 68.1 -		56.7 67.1 -	

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

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

For input nce^*_{30} (ORS18) 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);

	->ORS18		->ORS18		ORS18		TLS00		NRS18		SRS18	
no. Colour	nce^*_{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 -	48.0 70.2 -		52.8 91.9 -		56.7 72.0 -		56.7 69.7 -	
02 Vn	0.5	0.5 0.83	0.5	0.5	297 25.7 54.3 305		31.1 46.6 305		56.7 68.3 305		56.7 67.3 305	
03 V	0.0	1.0 0.83	0.0	1.0	297 25.7 54.3 305		31.1 46.6 305		56.7 68.3 305		56.7 67.3 305	
04 Ln	0.5	0.5 0.45	0.5	0.5	163 50.9 71.8 151		84.4 103 151		56.7 69.3 151		56.7 76.6 151	
05 Cn	0.5	0.5 0.67	0.5	0.5	240 58.6 71.9 236		66.5 28.6 236		56.7 69.5 236		56.7 67.2 236	
06 -	0.0	1.0 0.75	0.0	1.0	270 41.9 44.8 271		48.5 29.3 271		56.7 76.9 271		56.7 76.6 271	
07 L	0.0	1.0 0.45	0.0	1.0	163 50.9 71.8 151		84.4 103 151		56.7 69.3 151		56.7 76.6 151	
08 -	0.0	1.0 0.57	0.0	1.0	204 54.7 53.0 193		86.7 111 193		56.7 68.8 193		56.7 68.8 193	
09 C	0.0	1.0 0.67	0.0	1.0	240 58.6 71.9 236		66.5 28.6 236		56.7 69.5 236		56.7 67.2 236	
10 On	0.5	0.5 0.05	0.5	0.5	18 48.2 82.4 38		50.7 108 38		56.7 69.1 38		56.7 72.3 38	
11 Mn	0.5	0.5 0.93	0.5	0.5	336 48.1 75.6 354		54.9 91.3 354		56.7 68.2 354		56.7 67.4 354	
12 -	0.0	1.0 0.88	0.0	1.0	316 36.8 49.4 329		57.2 110 329		56.7 77.1 329		56.7 76.6 329	
13 Ln	0.5	0.5 0.26	0.5	0.5	95 90.1 82.3 96		88.1 94.2 96		56.7 74.2 96		56.7 73.4 96	
14 Z	0.5	0.0 -	0.5	0.0 -	48.0 70.2 -		52.8 91.9 -		56.7 72.0 -		56.7 69.7 -	
15 Vw	0.0	0.5 0.83	0.0	0.5	297 25.7 54.3 305		31.1 46.6 305		56.7 68.3 305		56.7 67.3 305	
16 -	0.0	1.0 0.36	0.0	1.0	130 70.4 82.1 124		86.9 89.5 124		56.7 63.5 124		56.7 67.2 124	
17 Lw	0.0	0.5 0.45	0.0	0.5	163 50.9 71.8 151		84.4 103 151		56.7 69.3 151		56.7 76.6 151	
18 Mw	0.0	0.5 0.67	0.0	0.5	240 58.6 71.9 236		66.5 28.6 236		56.7 69.5 236		56.7 67.2 236	
19 O	0.0	1.0 0.05	0.0	1.0	18 48.2 82.4 38		50.7 108 38		56.7 69.1 38		56.7 72.3 38	
20 -	0.0	1.0 0.98	0.0	1.0	353 48.0 70.2 16		52.8 91.9 16		56.7 72.0 16		56.7 69.7 16	
21 M	0.0	1.0 0.93	0.0	1.0	336 48.1 75.6 354		54.9 91.3 354		56.7 68.2 354		56.7 67.4 354	
22 -	0.0	1.0 0.16	0.0	1.0	57 69.1 72.0 67		68.6 85.9 67		56.7 65.3 67		56.7 67.5 67	
23 Ow	0.0	0.5 0.05	0.0	0.5	18 48.2 82.4 38		50.7 108 38		56.7 69.1 38		56.7 72.3 38	
24 Mw	0.0	0.5 0.93	0.0	0.5	336 48.1 75.6 354		54.9 91.3 354		56.7 68.2 354		56.7 67.4 354	
25 Y	0.0	1.0 0.26	0.0	1.0	95 90.1 82.3 96		88.1 94.2 96		56.7 74.2 96		56.7 73.4 96	
26 Yw	0.0	0.5 0.26	0.0	0.5	95 90.1 82.3 96		88.1 94.2 96		56.7 74.2 96		56.7 73.4 96	
27 W	0.0	0.0 -	0.0	0.0 -	48.0 70.2 -		52.8 91.9 -		56.7 72.0 -		56.7 69.7 -	

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

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

For input nce^*_{30} (NRS18) 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);

		->NRS18		->NRS18		ORS18		TLS00		NRS18		SRS18		
no.	Colour	nce^*_{30}		n^*, c^*, H^*_{ei0}		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	Bn	0.5	0.5	0.75	0.5	0.5	270	29.7	22.4	272	24.0	14.8	272	
03	B	0.0	1.0	0.75	0.0	1.0	270	41.5	44.8	272	48.0	29.5	272	
04	Gn	0.5	0.5	0.5	0.5	0.5	180	35.0	31.1	162	42.5	49.9	162	
05	C'n	0.5	0.5	0.63	0.5	0.5	225	37.5	28.9	217	38.1	16.7	217	
06	-	0.0	1.0	0.69	0.0	1.0	247	54.8	50.0	244	62.4	27.9	244	
07	G	0.0	1.0	0.5	0.0	1.0	180	51.9	62.1	162	85.0	99.7	162	
08	-	0.0	1.0	0.56	0.0	1.0	203	54.4	53.1	190	86.5	109	190	
09	C'	0.0	1.0	0.63	0.0	1.0	225	56.9	57.8	217	76.3	33.5	217	
10	Rn	0.5	0.5	1.0	0.5	0.5	359	33.0	35.6	25	26.0	48.1	25	
11	M'n	0.5	0.5	0.88	0.5	0.5	315	27.4	24.7	329	28.6	55.0	329	
12	-	0.0	1.0	0.81	0.0	1.0	292	28.1	51.4	300	33.6	41.8	300	
13	Gn	0.5	0.5	0.25	0.5	0.5	89	52.6	39.7	92	42.7	45.8	92	
14	Z	0.5	0.0	-	0.5	0.0	-	56.7	0.0	-	47.7	0.0	-	
15	Bw	0.0	0.5	0.75	0.0	0.5	270	68.4	22.4	272	71.7	14.8	272	
16	-	0.0	1.0	0.38	0.0	1.0	135	68.2	82.2	127	86.1	90.0	127	
17	Gw	0.0	0.5	0.5	0.0	0.5	180	73.7	31.1	162	90.2	49.9	162	
18	M'w	0.0	0.5	0.63	0.0	0.5	225	76.2	28.9	217	85.8	16.7	217	
19	R	0.0	1.0	1.0	0.0	1.0	359	48.0	71.2	25	51.9	96.2	25	
20	-	0.0	1.0	0.94	0.0	1.0	337	48.1	74.1	357	54.6	90.6	357	
21	M'	0.0	1.0	0.88	0.0	1.0	315	36.8	49.4	329	57.2	110	329	
22	-	0.0	1.0	0.13	0.0	1.0	45	63.3	72.7	59	63.2	87.7	59	
23	Rw	0.0	0.5	1.0	0.0	0.5	359	71.7	35.6	25	73.7	48.1	25	
24	M'w	0.0	0.5	0.88	0.0	0.5	315	66.1	24.7	329	76.3	55.0	329	
25	J	0.0	1.0	0.25	0.0	1.0	89	87.2	79.4	92	85.4	91.5	92	
26	Jw	0.0	0.5	0.25	0.0	0.5	89	91.3	39.7	92	90.4	45.8	92	
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 ORS18 -> ORS18, TLS00, NRS18, SRS18

For input nce^*_{30} (ORS18) 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);

		->ORS18		->ORS18		ORS18		TLS00		NRS18		SRS18		
no.	Colour	nce^*_{30}		n^*, c^*, H^*_{ei0}		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	0.83	0.5	0.5	297	21.9	27.1	305	15.5	23.3	305	
03	V	0.0	1.0	0.83	0.0	1.0	297	25.7	54.3	305	31.1	46.6	305	
04	Ln	0.5	0.5	0.45	0.5	0.5	163	34.5	35.9	151	42.2	51.5	151	
05	Cn	0.5	0.5	0.67	0.5	0.5	240	38.3	35.9	236	33.3	14.3	236	
06	-	0.0	1.0	0.75	0.0	1.0	270	41.9	44.8	271	48.5	29.3	271	
07	L	0.0	1.0	0.45	0.0	1.0	163	50.9	71.8	151	84.4	103	151	
08	-	0.0	1.0	0.57	0.0	1.0	204	54.7	53.0	193	86.7	111	193	
09	C	0.0	1.0	0.67	0.0	1.0	240	58.6	71.9	236	66.5	28.6	236	
10	On	0.5	0.5	0.05	0.5	0.5	18	33.1	41.2	38	25.3	54.2	38	
11	Mn	0.5	0.5	0.93	0.5	0.5	336	33.1	37.8	354	27.4	45.7	354	
12	-	0.0	1.0	0.88	0.0	1.0	316	36.8	49.4	329	57.2	110	329	
13	Ln	0.5	0.5	0.26	0.5	0.5	95	54.1	41.2	96	44.0	47.1	96	
14	Z	0.5	0.0	-	0.5	0.0	-	56.7	0.0	-	47.7	0.0	-	
15	Vw	0.0	0.5	0.83	0.0	0.5	297	60.6	27.1	305	63.2	23.3	305	
16	-	0.0	1.0	0.36	0.0	1.0	130	70.4	82.1	124	86.9	89.5	124	
17	Lw	0.0	0.5	0.45	0.0	0.5	163	73.2	35.9	151	89.9	51.5	151	
18	Mw	0.0	0.5	0.67	0.0	0.5	240	77.0	35.9	236	81.0	14.3	236	
19	O	0.0	1.0	0.05	0.0	1.0	18	48.2	82.4	38	50.7	108	38	
20	-	0.0	1.0	0.98	0.0	1.0	353	48.0	70.2	16	52.8	91.9	16	
21	M	0.0	1.0	0.93	0.0	1.0	336	48.1	75.6	354	54.9	91.3	354	
22	-	0.0	1.0	0.16	0.0	1.0	57	69.1	72.0	67	68.6	85.9	67	
23	Ow	0.0	0.5	0.05	0.0	0.5	18	71.8	41.2	38	73.0	54.2	38	
24	Mw	0.0	0.5	0.93	0.0	0.5	336	71.8	37.8	354	75.1	45.7	354	
25	Y	0.0	1.0	0.26	0.0	1.0	95	90.1	82.3	96	88.1	94.2	96	
26	Yw	0.0	0.5	0.26	0.0	0.5	95	92.8	41.2	96	91.7	47.1	96	
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 NRS18 -> ORS18, TLS00, NRS18, SRS18

For input $n\text{ce}^*_{30}$ (NRS18) and output $H^*_{\text{aim}} H^*_{\text{eim}}$ 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);

	->NRS18		->NRS18		ORS18		TLS00		NRS18		SRS18	
no. Colour	$n\text{ce}^*_{30}$		$n^*, c^*, H^*_{\text{ei0}}$	$H^*_{\text{ai1}} H^*_{\text{ei1}}$	$H^*_{\text{ai2}} H^*_{\text{ei2}}$	$H^*_{\text{ai3}} H^*_{\text{ei3}}$	$H^*_{\text{ai4}} H^*_{\text{ei4}}$		$H^*_{\text{ai2}} H^*_{\text{ei2}}$	$H^*_{\text{ai3}} H^*_{\text{ei3}}$	$H^*_{\text{ai4}} H^*_{\text{ei4}}$	
01 N	1.0	0.0 -	1.0 0.0 -	-	-	-	-	-	-	-	-	-
02 Bn	0.5	0.5 0.75	0.5 0.5 270	272	271	272	270	272	270	272	270	272
03 B	0.0	1.0 0.75	0.0 1.0 270	272	271	272	270	272	270	272	270	272
04 Gn	0.5	0.5 0.5	0.5 0.5 180	162	177	162	180	162	180	162	180	162
05 C'n	0.5	0.5 0.63	0.5 0.5 225	217	224	217	225	217	225	217	225	217
06 -	0.0	1.0 0.69	0.0 1.0 247	244	247	244	247	244	247	244	247	244
07 G	0.0	1.0 0.5	0.0 1.0 180	162	177	162	180	162	180	162	180	162
08 -	0.0	1.0 0.56	0.0 1.0 203	190	202	190	203	190	203	190	203	190
09 C'	0.0	1.0 0.63	0.0 1.0 225	217	224	217	225	217	225	217	225	217
10 Rn	0.5	0.5 1.0	0.5 0.5 359	25	0	25	359	25	359	25	359	25
11 M'n	0.5	0.5 0.88	0.5 0.5 315	329	316	329	315	329	315	329	315	329
12 -	0.0	1.0 0.81	0.0 1.0 292	300	293	300	292	300	292	300	292	300
13 Gn	0.5	0.5 0.25	0.5 0.5 89	92	90	92	89	92	89	92	89	92
14 Z	0.5	0.0 -	0.5 0.0 -	-	-	-	-	-	-	-	-	-
15 Bw	0.0	0.5 0.75	0.0 0.5 270	272	271	272	270	272	270	272	270	272
16 -	0.0	1.0 0.38	0.0 1.0 135	127	134	127	135	127	135	127	135	127
17 Gw	0.0	0.5 0.5	0.0 0.5 180	162	177	162	180	162	180	162	180	162
18 M'w	0.0	0.5 0.63	0.0 0.5 225	217	224	217	225	217	225	217	225	217
19 R	0.0	1.0 1.0	0.0 1.0 359	25	0	25	359	25	359	25	359	25
20 -	0.0	1.0 0.94	0.0 1.0 337	357	338	357	337	357	337	357	337	357
21 M'	0.0	1.0 0.88	0.0 1.0 315	329	316	329	315	329	315	329	315	329
22 -	0.0	1.0 0.13	0.0 1.0 45	59	46	59	45	59	45	59	45	59
23 Rw	0.0	0.5 1.0	0.0 0.5 359	25	0	25	359	25	359	25	359	25
24 M'w	0.0	0.5 0.88	0.0 0.5 315	329	316	329	315	329	315	329	315	329
25 J	0.0	1.0 0.25	0.0 1.0 89	92	90	92	89	92	89	92	89	92
26 Jw	0.0	0.5 0.25	0.0 0.5 89	92	90	92	89	92	89	92	89	92
27 W	0.0	0.0 -	0.0 0.0 -	-	-	-	-	-	-	-	-	-

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

ZE100-7

BAM-test chart ZE10; Transfer olv^*3 , LCH*a, $n\text{ce}^*$, 12/12
NRS18, ORS18->ORS18, TLS00, NRS18, SRS18; 27 Colours

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

For input $n\text{ce}^*_{30}$ (ORS18) and output $H^*_{\text{aim}} H^*_{\text{eim}}$ 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);

	->ORS18		->ORS18		ORS18		TLS00		NRS18		SRS18	
no. Colour	$n\text{ce}^*_{30}$		$n^*, c^*, H^*_{\text{ei0}}$	$H^*_{\text{ai1}} H^*_{\text{ei1}}$	$H^*_{\text{ai2}} H^*_{\text{ei2}}$	$H^*_{\text{ai3}} H^*_{\text{ei3}}$	$H^*_{\text{ai4}} H^*_{\text{ei4}}$		$H^*_{\text{ai2}} H^*_{\text{ei2}}$	$H^*_{\text{ai3}} H^*_{\text{ei3}}$	$H^*_{\text{ai4}} H^*_{\text{ei4}}$	
01 N	1.0	0.0 -	1.0 0.0 -	-	-	-	-	-	-	-	-	-
02 Vn	0.5	0.5 0.83	0.5 0.5 297	305	297	305	296	305	296	305	296	305
03 V	0.0	1.0 0.83	0.0 1.0 297	305	297	305	296	305	296	305	296	305
04 Ln	0.5	0.5 0.45	0.5 0.5 163	151	163	151	166	151	166	151	166	151
05 Cn	0.5	0.5 0.67	0.5 0.5 240	236	240	236	241	236	241	236	241	236
06 -	0.0	1.0 0.75	0.0 1.0 270	271	270	271	270	271	270	271	270	271
07 L	0.0	1.0 0.45	0.0 1.0 163	151	163	151	166	151	166	151	166	151
08 -	0.0	1.0 0.57	0.0 1.0 204	193	204	193	205	193	205	193	205	193
09 C	0.0	1.0 0.67	0.0 1.0 240	236	240	236	241	236	241	236	241	236
10 On	0.5	0.5 0.05	0.5 0.5 18	38	18	38	17	38	17	38	17	38
11 Mn	0.5	0.5 0.93	0.5 0.5 336	354	336	354	335	354	335	354	335	354
12 -	0.0	1.0 0.88	0.0 1.0 316	329	316	329	315	329	315	329	315	329
13 Ln	0.5	0.5 0.26	0.5 0.5 95	96	95	96	95	96	95	96	95	96
14 Z	0.5	0.0 -	0.5 0.0 -	-	-	-	-	-	-	-	-	-
15 Vw	0.0	0.5 0.83	0.0 0.5 297	305	297	305	296	305	296	305	296	305
16 -	0.0	1.0 0.36	0.0 1.0 130	124	130	124	131	124	131	124	131	124
17 Lw	0.0	0.5 0.45	0.0 0.5 163	151	163	151	166	151	166	151	166	151
18 Mw	0.0	0.5 0.67	0.0 0.5 240	236	240	236	241	236	241	236	241	236
19 O	0.0	1.0 0.05	0.0 1.0 18	38	18	38	17	38	17	38	17	38
20 -	0.0	1.0 0.98	0.0 1.0 353	16	353	16	352	16	352	16	352	16
21 M	0.0	1.0 0.93	0.0 1.0 336	354	336	354	335	354	335	354	335	354
22 -	0.0	1.0 0.16	0.0 1.0 57	67	57	67	56	67	56	67	56	67
23 Ow	0.0	0.5 0.05	0.0 0.5 18	38	18	38	17	38	17	38	17	38
24 Mw	0.0	0.5 0.93	0.0 0.5 336	354	336	354	335	354	335	354	335	354
25 Y	0.0	1.0 0.26	0.0 1.0 95	96	95	96	95	96	95	96	95	96
26 Yw	0.0	0.5 0.26	0.0 0.5 95	96	95	96	95	96	95	96	95	96
27 W	0.0	0.0 -	0.0 0.0 -	-	-	-	-	-	-	-	-	-

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

ZE101-7

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