

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 CIE LAB hue angles of device TL S00: (40.0 102.8 136.0 196.4 306.3 328.2)

Six CIE1 AB hue angles of device NBS18: (25.5 93.3 162.3 217.0 371.7 328.6)

Six CIELAB hue angles of device SBS18: (30.0 90.0 150.0 210.0 270.0 330.0)

	->NRS18						->NRS18						ORS18						TLS00						NRS18						SRS18					
no.	Colour	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
01	N	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	0.0	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	0.0	0.5	0.02	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	0.0	0.0	0.0	0.0	0.0	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	0.0	1.0	0.03	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0
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	0.5	0.0	0.44	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	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	0.0	0.0	0.0	0.0	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	0.0	1.0	0.2	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
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	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	0.0	0.0	0.0	0.0	0.0	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	0.88	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
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	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	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0
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	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	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	0.0	0.0	0.0	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	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	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	0.0	0.0	0.0	0.0	0.0	0.0
16	-	0.5	1.0	0.0	0.0	1.0	120	0.44	1.0	0.0	0.27	1.0	0.5	0.0	1.0	0.5	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	0.0	0.0	0.0	0.0	0.0	0.0
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	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	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	0.0	0.0	0.0	0.0	0.0	0.0
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	0.0	0.08	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
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	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	0.0	0.0	0.0	0.0	0.0	0.0
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	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
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	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	0.0	0.0	0.0	0.0	0.0	0.0
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	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	0.0	0.0	0.0	0.0	0.0	0.0
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	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
26	Jw	1.0	1.0	0.5	0.5	0.0	90	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	0.0	0.0	0.0	0.0	0.0	0.0
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	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

$$a_{r0}^* = o_{30}^* \cos(30) + l_{30}^* \cos(150)$$

$$H_{s0}^* = \text{atan} (b_{r0}^* / a_{r0}^*)$$

$$b^*_{x0} = o^*_{z0} \sin(30) + l^*_{z0} \sin(150) - v^*_{z0} \sin(270) \quad H^*_{x0} = \text{round} (H^*_{x0})$$

$$H^*_{\text{c0}} = \text{round} (H^*_{\text{c0}}$$

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 CIE LAB hue angles of device TL S00: (40.0 102.8 136.0 196.4 306.3 328.2)

Six CIE AB hue angles of device NPS18: (75.5 92.3 163.2 317.0 371.7 328.6):

Six CIELAB hue angles of device SBS18: (30.0 90.0 150.0 210.0 270.0 330.0);

no.	Colour	->ORS18 ohv ₃₀				->ORS18 n ₁ , c ₁ , c ₂ , n ₂ ohv ₃₁				ORS18 ohv ₃₁				TLS00 ohv ₃₂				NRS18 ohv ₃₃				SRS18 ohv 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	0.0		
02	Vn	0.0	0.0	0.5	0.5	0.5	270	0.0	0.0	0.5	0.0	0.01	0.5	0.29	0.0	0.5	0.29	0.0	0.5	0.29	0.0	0.5	0.29		
03	V	0.0	0.0	1.0	0.0	1.0	270	0.0	0.0	1.0	0.0	0.01	1.0	0.58	0.0	1.0	0.58	0.0	1.0	0.58	0.0	1.0	0.58		
04	Ln	0.0	0.5	0.0	0.5	0.5	150	0.5	0.5	0.0	0.0	0.5	0.12	0.08	0.5	0.0	0.5	0.12	0.08	0.5	0.0	0.5	0.12		
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	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	0.0	0.01	1.0	0.02	0.0	0.01		
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	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	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	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	0.5	0.0	0.01	0.5	0.09	0.0	0.5	0.07	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	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	0.0	1.0	0.99	0.98	0.0	1.0		
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	0.5	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	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	0.5	1.0	0.79	0.5	1.0	0.79		
16	-	0.5	1.0	0.5	0.0	0.5	120	0.49	1.0	0.0	0.36	1.0	0.0	0.55	1.0	0.0	0.43	1.0	0.0	0.55	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	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	1.0	0.5	0.82	1.0	0.5	0.83	1.0	0.5	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	0.03	0.0	0.19	0.0	1.0	0.03		
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	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	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	0.43	0.0	1.0	0.62	0.0	1.0		
23	Aw	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	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	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	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	1.0	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	1.0	1.0	1.0	1.0	1.0	1.0		

$$a_{r0}^* = o_{30}^* \cos(30) + l_{30}^* \cos(150)$$

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

$$b^*_{z0} = \rho^*_{z0} \sin(30) + l^*_{z0} \sin(150) - v^*_{z0} \sin(270)$$

$$H_{\varepsilon_0}^* = \text{round} (H_{\varepsilon_0}^*)$$

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}	$=rgb^*_{30}$	a^*_{30}	b^*_{30}	$LCH^*_{a,M1}$	$LCH^*_{a,M2}$
01	N	0.0	0.0	0.0	0.0	48.1 74.1 -	54.6 90.6 -
02	Bn	0.0	0.0	0.5	0.5	270 41.5 44.8 272	48.0 29.5 272
03	B	0.0	0.0	1.0	0.0	1.0 270 41.5 44.8 272	48.0 29.5 272
04	Gn	0.0	0.5	0.0	0.5	150 51.9 62.1 162	85.0 99.7 162
05	C'n	0.0	0.5	0.5	0.5	210 56.9 57.8 217	76.3 33.5 217
06	-	0.0	0.5	1.0	0.0	1.0 240 54.8 50.0 244	62.4 27.9 244
07	G	0.0	1.0	0.0	0.0	1.0 150 51.9 62.1 162	85.0 99.7 162
08	-	0.0	1.0	0.5	0.0	1.0 180 54.4 53.1 190	86.5 109 190
09	C'	0.0	1.0	1.0	0.0	1.0 210 56.9 57.8 217	76.3 33.5 217
10	Rn	0.5	0.0	0.0	0.5	30 48.0 71.2 25	51.9 96.2 25
11	M'n	0.5	0.0	0.5	0.5	330 36.8 49.4 329	57.2 110 329
12	-	0.5	0.0	1.0	0.0	1.0 300 28.1 51.0 300	33.6 41.8 300
13	Gn	0.5	0.5	0.0	0.5	90 87.2 79.4 92	85.4 91.5 92
14	Z	0.5	0.5	0.5	0.0	- 48.1 74.1 -	54.6 90.6 -
15	Bw	0.5	0.5	1.0	0.0	0.5 270 41.5 44.8 272	48.0 29.5 272
16	-	0.5	1.0	0.0	0.0	1.0 120 68.2 82.2 127	86.1 90.0 127
17	Gw	0.5	1.0	0.5	0.0	0.5 150 51.9 62.1 162	85.0 99.7 162
18	M'w	0.5	1.0	0.0	0.5	210 56.9 57.8 217	76.3 33.5 217
19	R	1.0	0.0	0.0	0.0	1.0 30 48.0 71.2 25	51.9 96.2 25
20	-	1.0	0.0	0.5	0.0	1.0 48.1 74.1 357	54.6 90.6 357
21	M'	1.0	0.0	1.0	0.0	1.0 330 36.8 49.4 329	57.2 110 329
22	-	1.0	0.5	0.0	0.0	1.0 60 63.3 72.7 59	63.2 87.7 59
23	Rw	1.0	0.5	0.5	0.0	0.5 30 87.2 79.4 25	51.9 96.2 25
24	M'w	1.0	0.5	1.0	0.0	0.5 330 36.8 49.4 329	57.2 110 329
25	J	1.0	1.0	0.0	0.0	1.0 90 87.2 79.4 92	85.4 91.5 92
26	Jw	1.0	1.0	0.5	0.0	0.5 90 87.2 79.4 92	85.4 91.5 92
27	W	1.0	1.0	1.0	0.0	0.0 - 48.1 74.1 -	54.6 90.6 -

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

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

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

$$H^*_{s10} = \text{round} (H^*_{s0})$$

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);
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^*_{30}	c^*_{30}	H^*_{s10}	$LCH^*_{a,M1}$	$LCH^*_{a,M2}$
01	N	0.0	0.0	0.0	1.0	0.0 -	48.0 70.2 -
02	Vn	0.0	0.0	0.5	0.5	0.5 270 25.7 54.3 305	31.1 46.6 305
03	V	0.0	0.0	1.0	0.0	1.0 270 25.7 54.3 305	31.1 46.6 305
04	Ln	0.0	0.5	0.0	0.5	150 50.9 71.8 151	84.4 103 151
05	Cn	0.0	0.5	0.5	0.5	210 58.6 71.9 236	66.5 28.6 236
06	-	0.0	0.5	1.0	0.0	1.0 240 41.9 44.8 271	48.5 29.3 271
07	L	0.0	1.0	0.0	0.0	1.0 150 50.9 71.8 151	84.4 103 151
08	-	0.0	1.0	0.5	0.0	1.0 180 54.7 53.0 193	86.7 111 193
09	C	0.0	1.0	1.0	0.0	1.0 210 58.6 71.9 236	66.5 28.6 236
10	On	0.5	0.0	0.0	0.5	30 48.2 82.4 38	50.7 108 38
11	Mn	0.5	0.0	0.5	0.5	330 48.1 75.6 354	54.9 91.3 354
12	-	0.5	0.0	1.0	0.0	1.0 300 36.8 49.4 329	57.2 110 329
13	Ln	0.5	0.5	0.0	0.5	90 90.1 82.3 96	88.1 94.2 96
14	Z	0.5	0.5	0.5	0.0	- 48.0 70.2 -	52.8 91.9 -
15	Vw	0.5	0.5	1.0	0.0	0.5 270 25.7 54.3 305	31.1 46.6 305
16	-	0.5	1.0	0.0	0.0	1.0 120 70.4 82.1 124	86.9 89.5 124
17	Lw	0.5	1.0	0.5	0.0	0.5 150 50.9 71.8 151	84.4 103 151
18	Mw	0.5	1.0	0.0	0.5	210 58.6 71.9 236	66.5 28.6 236
19	O	1.0	0.0	0.0	0.0	1.0 30 48.2 82.4 38	50.7 108 38
20	-	1.0	0.0	0.5	0.0	1.0 48.0 70.2 16	52.8 91.9 16
21	M	1.0	0.0	1.0	0.0	1.0 330 48.1 75.6 354	54.9 91.3 354
22	-	1.0	0.5	0.0	0.0	1.0 60 63.3 72.7 59	63.2 87.7 59
23	OW	1.0	0.5	0.5	0.0	0.5 30 48.2 82.4 38	50.7 108 38
24	Mw	1.0	0.5	1.0	0.0	0.5 330 48.1 75.6 354	54.9 91.3 354
25	Y	1.0	1.0	0.0	0.0	1.0 90 90.1 82.3 96	88.1 94.2 96
26	Yw	1.0	1.0	0.5	0.0	0.5 90 90.1 82.3 96	88.1 94.2 96
27	W	1.0	1.0	1.0	0.0	0.0 - 48.0 70.2 -	52.8 91.9 -

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

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

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

$$H^*_{s10} = \text{round} (H^*_{s0})$$

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 CIE LAB hue angles of device TL S00: (40.0 102.8 136.0 196.4 306.3 328.2).

Six CIE AB hue angles of device NBS18: (25.5 92.3 162.2 217.0 271.7 328.6):

Six CIE AB hue angles of device SBS18: (30.0 90.0 150.0 210.0 270.0 330.0):

	--NR518				--NR518				OR518				TLS00				NR518				SR518									
<i>no.</i>	<i>Colour</i>	<i>oh^a₃₀</i>	<i>rgb^a₃₀</i>	<i>i^a₀</i>	<i>C^a₀</i>	<i>H^a₀</i>	<i>S^a₀</i>	<i>LB^a₀</i>	<i>oh^a₃₀</i>	<i>rgb^a₃₀</i>	<i>i^a₀</i>	<i>C^a₀</i>	<i>H^a₀</i>	<i>S^a₀</i>	<i>LB^a₀</i>	<i>oh^a₃₀</i>	<i>rgb^a₃₀</i>	<i>i^a₀</i>	<i>C^a₀</i>	<i>H^a₀</i>	<i>S^a₀</i>	<i>LB^a₀</i>	<i>oh^a₃₀</i>	<i>rgb^a₃₀</i>	<i>i^a₀</i>	<i>C^a₀</i>	<i>H^a₀</i>	<i>S^a₀</i>	<i>LB^a₀</i>	
01 <i>Nl</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	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 <i>Bn</i>	0.0	0.0	0.5	0.5	0.5	0.5	270	29.7	22.4	272	24.0	14.8	272	37.4	38.6	272	37.4	38.6	272	37.4	38.6	272	37.4	38.6	272	37.4	38.6	272	37.4	38.6
03 <i>B</i>	0.0	0.0	1.0	0.0	1.0	0.0	270	41.5	44.8	272	48.0	29.5	272	56.7	77.2	272	56.7	77.2	272	56.7	77.2	272	56.7	77.2	272	56.7	77.2	272	56.7	77.2
04 <i>Gr</i>	0.0	0.5	0.5	0.5	0.5	0.5	150	35.0	31.1	162	42.5	49.9	162	37.4	38.6	162	37.4	38.6	162	37.4	38.6	162	37.4	38.6	162	37.4	38.6	162	37.4	38.6
05 <i>C'n</i>	0.0	0.5	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	38.6	217	37.4	38.6	217	37.4	38.6	217	37.4	38.6	217	37.4	38.6
06 <i>-</i>	0.0	0.5	1.0	0.0	1.0	0.0	240	54.8	50.0	244	62.4	27.9	244	56.7	68.7	244	56.7	68.7	244	56.7	68.7	244	56.7	68.7	244	56.7	68.7	244	56.7	68.7
07 <i>G</i>	0.0	1.0	0.0	0.0	1.0	0.0	150	51.9	62.1	162	85.5	109.7	162	56.7	77.2	162	56.7	77.2	162	56.7	77.2	162	56.7	77.2	162	56.7	77.2	162	56.7	77.2
08 <i>-</i>	0.0	1.0	0.5	0.0	1.0	0.0	180	54.4	53.1	190	86.5	109.1	190	56.7	68.7	190	56.7	68.7	190	56.7	68.7	190	56.7	68.7	190	56.7	68.7	190	56.7	68.7
09 <i>C'</i>	0.0	1.0	1.0	0.0	1.0	0.0	210	56.9	57.8	217	76.3	33.5	217	56.7	77.4	217	56.7	77.4	217	56.7	77.4	217	56.7	77.4	217	56.7	77.4	217	56.7	77.4
10 <i>Nl</i>	0.5	0.0	0.5	0.0	0.5	0.0	300	33.0	35.6	25	26.0	48.1	25	37.4	38.5	25	37.4	38.5	25	37.4	38.5	25	37.4	38.5	25	37.4	38.5	25	37.4	38.5
11 <i>M'n</i>	0.5	0.0	0.5	0.5	0.5	0.0	270	44.7	24.7	329	28.6	55.0	329	37.4	38.6	329	37.4	38.6	329	37.4	38.6	329	37.4	38.6	329	37.4	38.6	329	37.4	38.6
12 <i>-</i>	0.5	0.0	1.0	0.0	1.0	0.0	300	28.1	51.4	300	33.6	41.8	300	56.7	68.0	300	56.7	68.0	300	56.7	68.0	300	56.7	68.0	300	56.7	68.0	300	56.7	68.0
13 <i>Gn</i>	0.5	0.5	0.0	0.5	0.5	0.0	52.6	39.7	92	42.7	45.8	92	37.4	38.6	92	37.4	38.6	92	37.4	38.6	92	37.4	38.6	92	37.4	38.6	92	37.4	38.6	92
14 <i>Z</i>	0.5	0.5	0.5	0.5	0.0	0.0	56.7	0.0	-	56.7	0.0	-	56.7	0.0	-	56.7	0.0	-	56.7	0.0	-	56.7	0.0	-	56.7	0.0	-	56.7	0.0	-
15 <i>Bw</i>	0.5	0.5	1.0	0.0	0.5	0.0	270	68.4	22.4	272	71.7	14.8	272	76.1	38.6	272	76.1	38.6	272	76.1	38.6	272	76.1	38.6	272	76.1	38.6	272	76.1	38.6
16 <i>-</i>	0.5	1.0	0.0	0.0	1.0	0.0	120	68.2	82.2	127	86.1	90.9	127	56.7	63.4	127	56.7	63.4	127	56.7	63.4	127	56.7	63.4	127	56.7	63.4	127	56.7	63.4
17 <i>Gw</i>	0.5	1.0	0.5	0.0	0.5	0.0	150	73.7	31.1	162	90.2	49.9	162	76.1	38.6	162	76.1	38.6	162	76.1	38.6	162	76.1	38.6	162	76.1	38.6	162	76.1	38.6
18 <i>M'w</i>	0.5	1.0	1.0	0.0	0.5	0.0	210	76.2	28.9	217	85.8	16.7	217	76.1	38.7	217	76.1	38.7	217	76.1	38.7	217	76.1	38.7	217	76.1	38.7	217	76.1	38.7
19 <i>R</i>	1.0	0.0	0.0	0.0	1.0	0.0	48.0	71.2	25	51.9	96.2	25	56.7	77.1	25	56.7	77.1	25	56.7	77.1	25	56.7	77.1	25	56.7	77.1	25	56.7	77.1	25
20 <i>-</i>	1.0	0.0	0.5	0.0	1.0	0.0	48.0	71.1	357	54.6	96.0	357	56.7	68.1	357	56.7	68.1	357	56.7	68.1	357	56.7	68.1	357	56.7	68.1	357	56.7	68.1	357
21 <i>M'</i>	1.0	0.0	1.0	0.0	1.0	0.0	330	36.8	49.4	329	57.2	110	329	56.7	77.1	329	56.7	77.1	329	56.7	77.1	329	56.7	77.1	329	56.7	77.1	329	56.7	77.1
22 <i>-</i>	1.0	0.5	0.0	0.0	1.0	0.0	60	63.3	72.7	59	63.2	87.7	59	56.7	64.6	59	56.7	64.6	59	56.7	64.6	59	56.7	64.6	59	56.7	64.6	59	56.7	64.6
23 <i>Rw</i>	1.0	0.5	0.5	0.0	0.5	0.0	71.7	35.6	25	73.7	48.1	25	76.1	38.5	25	76.1	38.5	25	76.1	38.5	25	76.1	38.5	25	76.1	38.5	25	76.1	38.5	25
24 <i>M'w</i>	1.0	0.5	1.0	0.0	0.5	0.0	330	66.1	24.7	329	76.3	55.0	329	76.1	38.6	329	76.1	38.6	329	76.1	38.6	329	76.1	38.6	329	76.1	38.6	329	76.1	38.6
25 <i>J</i>	1.0	1.0	0.0	0.0	1.0	0.0	90	87.2	79.4	92	85.4	91.5	92	56.7	77.1	92	56.7	77.1	92	56.7	77.1	92	56.7	77.1	92	56.7	77.1	92	56.7	77.1
26 <i>Jw</i>	1.0	1.0	0.5	0.0	0.5	0.0	91.3	39.7	92	90.4	45.8	92	76.1	38.6	92	76.1	38.6	92	76.1	38.6	92	76.1	38.6	92	76.1	38.6	92	76.1	38.6	92
27 <i>W</i>	1.0	1.0	1.0	0.0	0.0	0.0	95.4	0.0	-	95.4	0.0	-	95.4	0.0	-	95.4	0.0	-	95.4	0.0	-	95.4	0.0	-	95.4	0.0	-	95.4	0.0	-

$$a_{r0}^* = o_{30}^* \cos(30) + l_{30}^* \cos(150)$$

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

$$b^*_{r0} = o^*_{30} \sin(30) + l^*_{30} \sin(150) - v^*_{30} \sin(270) \quad H^*_{c0} = \text{round} (H^*_{c0})$$

$$H^*_{\text{si}0} = \text{round} (H^*_{\text{si}0})$$

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

For input olv^*_{30} (ORS18) and output LCH^*_{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 CIE LAB hue angles of device TL S00: (40.0 102.8 136.0 196.4 306.3 328.2)

Six CIE LAB hue angles of device NBS18: (25.5 92.3 162.2 217.0 271.7 328.6):

Six CIELAB hue angles of device SBS18: (30.0 90.0 150.0 210.0 270.0 330.0):

no.	Colour	→ORS18			→ORS18			ORS18			TLSO			NRS18			SRS18		
		α_{30}	n^*	c^*	h_{SiO}	n^*	c^*	h_{SiO}	LCH^a_{31}	LCH^a_{32}	LCH^a_{33}	LCH^a_{34}	LCH^a_{35}	LCH^a_{36}	LCH^a_{37}	LCH^a_{38}	LCH^a_{39}	LCH^a_{40}	
01 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	0.5	0.5	0.5	150	34.5	35.9	151	42.2	51.5	151	74.4	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	43.3	236	37.4	34.7	236	37.4	33.6	236	
06 -	0.0	0.5	0.0	1.0	0.0	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	62.7	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	48.2	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	-	

$$a_{r0}^* = o_{30}^* \cos(30) + l_{30}^* \cos(150)$$

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

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

$$H^*_{\varepsilon i 0} = \text{round} (H^*_{\varepsilon 0})$$

BAM-test chart ZE10: Transfer olv*3, LCH*a, nce*, 3/12

NRS18, ORS18->ORS18, TLS00, NRS18, SRS18: 27 Colours

```
input: rab (->olv*3) setrabcolor
```

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			->ORS18			TLS00			NRS18			SRS18		
no. Colour	olv_{*30}	$=rgb_{*30}^*$	c^*, H^*_{s10}	H^*_{a1}	H^*_{e1}		H^*_{a2}	H^*_{e2}		H^*_{a3}	H^*_{e3}		H^*_{a4}	H^*_{e4}	
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	272	270	
03 B	0.0	0.0	1.0	0.0	1.0	270	272	271	272	270	272	270	272	270	
04 Gn	0.0	0.5	0.0	0.5	0.5	150	162	177	162	180	162	180	162	180	
05 C'n	0.0	0.5	0.5	0.5	0.5	210	217	224	217	225	217	225	217	225	
06 -	0.0	0.5	1.0	0.0	1.0	240	244	247	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	162	180	
08 -	0.0	1.0	0.5	0.0	1.0	180	190	202	190	203	190	203	190	203	
09 C'	0.0	1.0	1.0	0.0	1.0	210	217	224	217	225	217	225	217	225	
10 Rn	0.5	0.0	0.0	0.5	0.5	30	25	0	25	359	25	359	25	359	
11 M'n	0.5	0.0	0.5	0.5	0.5	330	329	316	329	315	329	315	329	315	
12 -	0.5	0.0	1.0	0.0	1.0	300	293	300	292	300	292	300	292	300	
13 Gn	0.5	0.5	0.0	0.5	0.5	90	92	90	92	89	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	272	270	
16 -	0.5	1.0	0.0	0.0	1.0	120	127	134	127	135	127	135	127	135	
17 Gw	0.5	1.0	0.5	0.0	0.5	150	162	177	162	180	162	180	162	180	
18 M'w	0.5	1.0	1.0	0.0	0.5	210	217	224	217	225	217	225	217	225	
19 R	1.0	0.0	0.0	0.0	1.0	30	25	0	25	359	25	359	25	359	
20 -	1.0	0.0	0.5	0.0	1.0	0	357	338	357	337	357	337	357	337	
21 M'	1.0	0.0	1.0	0.0	1.0	330	329	316	329	315	329	315	329	315	
22 -	1.0	0.5	0.0	0.0	1.0	60	59	46	59	45	59	45	59	45	
23 Rw	1.0	0.5	0.5	0.0	0.5	30	25	0	25	359	25	359	25	359	
24 M'w	1.0	0.5	1.0	0.0	0.5	330	329	316	329	315	329	315	329	315	
25 J	1.0	1.0	0.0	0.0	1.0	90	92	90	92	89	92	89	92	89	
26 Jw	1.0	1.0	0.5	0.0	0.5	90	92	90	92	89	92	89	92	89	
27 W	1.0	1.0	1.0	0.0	0.0	-	-	-	-	-	-	-	-	-	

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

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

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

$$H^*_{s10} = \text{round} (H^*_{s0})$$

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			TLS00			NRS18			SRS18		
no. Colour	olv_{*30}	n^*, c^*, H^*_{s10}	H^*_{a1}	H^*_{e1}			H^*_{a2}	H^*_{e2}		H^*_{a3}	H^*_{e3}		H^*_{a4}	H^*_{e4}	
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	305	296	
03 V	0.0	0.0	1.0	0.0	1.0	270	305	297	305	296	305	296	305	296	
04 Ln	0.0	0.5	0.0	0.5	0.5	150	151	163	151	166	151	166	151	166	
05 Cn	0.0	0.5	0.5	0.5	0.5	210	236	240	236	241	236	241	236	241	
06 -	0.0	0.5	1.0	0.0	1.0	240	271	270	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	151	166	
08 -	0.0	1.0	0.5	0.0	1.0	180	193	204	193	205	193	205	193	205	
09 C	0.0	1.0	1.0	0.0	1.0	210	236	240	236	241	236	241	236	241	
10 On	0.5	0.0	0.0	0.5	0.5	30	38	18	38	17	38	17	38	17	
11 Mn	0.5	0.0	0.5	0.5	0.5	330	354	336	354	335	354	335	354	335	
12 -	0.5	0.0	1.0	0.0	1.0	300	329	316	329	315	329	315	329	315	
13 Ln	0.5	0.5	0.0	0.5	0.5	90	96	95	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	305	296	
16 -	0.5	1.0	0.0	0.0	1.0	120	124	130	124	131	124	131	124	131	
17 Lw	0.5	1.0	0.5	0.0	0.5	150	151	163	151	166	151	166	151	166	
18 Mw	0.5	1.0	1.0	0.0	0.5	210	236	240	236	241	236	241	236	241	
19 O	1.0	0.0	0.0	0.0	1.0	30	38	18	38	17	38	17	38	17	
20 -	1.0	0.0	0.5	0.0	1.0	0	16	353	16	352	16	352	16	352	
21 M	1.0	0.0	1.0	0.0	1.0	330	354	336	354	335	354	335	354	335	
22 -	1.0	0.5	0.0	0.0	1.0	60	67	57	67	56	67	56	67	56	
23 Ow	1.0	0.5	0.5	0.0	0.5	30	38	18	38	17	38	17	38	17	
24 Mw	1.0	0.5	1.0	0.0	0.5	330	354	336	354	335	354	335	354	335	
25 Y	1.0	1.0	0.0	0.0	1.0	90	96	95	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	96	95	
27 W	1.0	1.0	1.0	0.0	0.0	-	-	-	-	-	-	-	-	-	

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

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

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

$$H^*_{s10} = \text{round} (H^*_{s0})$$

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);

		->NRS18			->NRS18			ORS18			TLS00			NRS18			SRS18		
no.	Colour	LCH^*_{a0}	n^*	c^*	H^*_{a10}	olv^*_{31}	olv^*_{32}	olv^*_{33}	olv^*_{34}	olv^*_{35}	olv^*_{36}	olv^*_{37}	olv^*_{38}	olv^*_{39}	olv^*_{40}	olv^*_{41}	olv^*_{42}	olv^*_{43}	olv^*_{44}
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	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 0.0	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 0.0 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 0.0	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 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 0.5	0.0 0.1 0.5	0.0 0.5 0.0	0.5 0.0												
11	M'n	37.4 38.6 329 0.5	0.5 329 0.25	0.5 0.5 0.0	0.49 0.5 0.0	0.5 0.49 0.0	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 0.5	0.0 1.0 0.5	0.0 1.0												
13	Gn	37.4 38.6 92 0.5	0.5 92 0.5	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												
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 0.5	0.52 0.5												
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	Lw	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 0.0												
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	0.0												
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 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												
26	Yw	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												

$H^*_{a10} = \text{round}(H^*_{a0})$

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);

		->ORS18			->ORS18			ORS18			TLS00			NRS18			SRS18		
no.	Colour	LCH^*_{a0}	n^*	c^*	H^*_{a10}	olv^*_{31}	olv^*_{32}	olv^*_{33}	olv^*_{34}	olv^*_{35}	olv^*_{36}	olv^*_{37}	olv^*_{38}	olv^*_{39}	olv^*_{40}	olv^*_{41}	olv^*_{42}	olv^*_{43}	olv^*_{44}
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	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 0.0	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	0.5 0.0 0.5	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 0.5	0.0 0.5 0.12	0.08 0.5 0.0	0.0 0.5	0.1											
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 0.5 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 0.0	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 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 0.45 0.0	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												
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	1.0 0.5 0.5	1.0 0.62 0.58	1.0 0.5 0.5	1.0 0.51												
18	M'w	77.0 35.9 236 0.0	0.5 236 0.5	1.0 1.0 0.5	0.82 1.0 0.5	0.83 1.0 0.5	0.78 1.0												
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 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												

$H^*_{a10} = \text{round}(H^*_{a0})$

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);

		-->NRS18	-->NRS18	ORS18	TLS00	NRS18	SRS18
no.	Colour	LCH^*_{a0}	n^*, c^*, H^*_{a0}	$LCH^*_{a,M1}$	$LCH^*_{a,M2}$	$LCH^*_{a,M3}$	$LCH^*_{a,M4}$
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 90.6 127	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 71.2 357	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 -

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

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);

		-->ORS18	-->ORS18	ORS18	TLS00	NRS18	SRS18
no.	Colour	LCH^*_{a0}	n^*, c^*, H^*_{a0}	$LCH^*_{a,M1}$	$LCH^*_{a,M2}$	$LCH^*_{a,M3}$	$LCH^*_{a,M4}$
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 -

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

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);

		-->NRS18	-->NRS18	ORS18	TLS00	NRS18	SRS18
no.	Colour	LCH^*_{a0}	n^*, c^*, H^*_{a0}	LCH^*_{a1}	LCH^*_{a2}	LCH^*_{a3}	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 38.6 272	37.4 38.6 272
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 77.2 272	56.7 77.2 272
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	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	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	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	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	56.7 68.1 190
09	C'	56.7 77.4 217 0.0 1.0	217 56.9 57.2 217	76.3 33.5 217	56.7 77.4 217	56.7 72.8 217	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	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	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	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	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	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	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	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	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	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	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	56.7 76.6 329
22	-	56.7 64.6 59 0.0 1.0	59 63.3 72.5 59	63.2 87.7 59	56.7 64.6 59	56.7 67.0 59	56.7 67.0 59
23	Rw	76.1 38.5 25 0.0 0.5	25 71.7 35.7 25	73.7 48.1 25	76.1 38.5 25	76.1 37.0 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	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	56.7 75.9 92
26	Jw	76.1 38.6 92 0.0 0.5	92 91.3 37.9 92	90.4 45.8 92	76.1 38.6 92	76.1 38.0 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 -

$H^*_{a10} = \text{round}(H^*_{a0})$

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);

		-->NRS18	-->NRS18	ORS18	TLS00	NRS18	SRS18
no.	Colour	LCH^*_{a0}	n^*, c^*, H^*_{a0}	LCH^*_{a1}	LCH^*_{a2}	LCH^*_{a3}	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	21.9 27.1 305	21.9 27.1 305	21.9 27.1 305
03	V	25.7 54.3 305 0.0 1.0	305 25.7 54.3 305	31.1 46.6 305	25.7 54.3 305	25.7 54.3 305	25.7 54.3 305
04	Ln	34.5 35.9 151 0.5 0.5	151 34.5 35.9 151	42.2 51.5 151	34.5 35.9 151	34.5 35.9 151	34.5 35.9 151
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 34.7 236	37.4 34.7 236
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 76.9 271	56.7 76.9 271
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 69.3 151	56.7 69.3 151
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	56.7 68.8 193
09	C	58.6 71.9 236 0.0 1.0	236 58.6 71.9 236	65.5 28.6 236	56.7 69.5 236	56.7 67.2 236	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 34.6 38	37.4 34.6 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 34.1 354	37.4 34.1 354
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	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	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	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	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	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	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	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	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	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	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	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	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	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	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 -

$H^*_{a10} = \text{round}(H^*_{a0})$

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);

		->NRS18		->NRS18		ORS18		TLS00		NRS18		SRS18	
no.	Colour	LCH^*_{a0}	a^*	c^*	H^*_{a0}	a^*_{i1}	H^*_{ei1}	a^*_{i2}	H^*_{ei2}	a^*_{i3}	H^*_{ei3}	a^*_{i4}	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	25	359	25	359	25	359	25
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	25	359	25	359	25	359	25
20	-	56.7 68.1	357	0.0 1.0	357	338	357	337	357	337	357	337	357
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	25	359	25	359	25	359	25
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	Iw	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	-	-	-	-	-	-	-	-	-

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

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);

		->ORS18		->ORS18		ORS18		TLS00		NRS18		SRS18	
no.	Colour	LCH^*_{a0}	a^*	c^*	H^*_{a0}	a^*_{i1}	H^*_{ei1}	a^*_{i2}	H^*_{ei2}	a^*_{i3}	H^*_{ei3}	a^*_{i4}	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	-	-	-	-	-	-	-	-	-

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

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 CIE LAB hue angles of device TL S00: (40.0 102.8 136.0 196.4 306.3 328.2):

Six CIE LAB hue angles of device NBS18: (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 _{ce}	30	n _{ce}	30	n _{ce}	30	n _{ce}	30	n _{ce}	30	n _{ce}	30	n _{ce}	30	n _{ce}	30		
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	B _n	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	0.5	0.02	0.0	0.5
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	1.0	0.03	0.0	1.0
04	G _n	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	0.0	0.5	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	0.44	0.5
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	0.43	1.0
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	1.0	0.2
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
09	C _n	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	0.88	1.0
10	R	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	0.04
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
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
13	G _n	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	0.0	0.48	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	0.5
15	B _w	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	1.0	0.52	0.5	1.0
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
17	G _w	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
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
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	0.01	1.0	0.0	0.08
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
21	M _r	0.0	1.0	0.88	0.0	1.0	315	0.49	0.0	1.0	1.0	0.0	0.99	1.0	0.0	0.99	0.98	0.0	1.0
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
23	R _w	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
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
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
26	J _w	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
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

$$H^*_{ej0} = round (360 e^*)$$

BAM-test chart ZE10; Transfer olv*3, LCH*a, nce*, 9/12
NRS18, ORS18->ORS18, TLS00, NRS18, SRS18: 27 Colours

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

For input ncc^*_{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 CIE LAB hue angles of device TL S00: (40.0 102.8 136.0 196.4 306.3 328.2)

Six CIE LAB hue angles of device NBS18: (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	0.0	n	0	c	e	H	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
01	N		0.5	0.5	0.83	0.5	0.5	297	0.0	0.0	0.0	0.0	0.0	0.01	0.5	0.29	0.0	0.5	0.29	0.0	0.5			
03	V		0.0	1.0	0.83	0.0	1.0	297	0.0	0.0	1.0	0.0	0.0	0.01	1.0	0.58	0.0	1.0	0.58	0.0	1.0			
04	L	n	0.5	0.5	0.45	0.0	0.5	163	0.0	0.5	0.0	0.0	0.0	0.5	0.12	0.08	0.5	0.0	0.0	0.5	0.0			
05	C	n	0.5	0.5	0.67	0.5	0.5	240	0.0	0.5	0.5	0.0	0.0	0.32	0.5	0.0	0.33	0.5	0.0	0.28	0.5			
06	-		0.0	1.0	0.75	0.0	1.0	270	0.0	0.49	1.0	0.0	0.0	0.32	1.0	0.0	0.01	1.0	0.02	0.0	1.0			
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	0.0				
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	0.73				
09	C		0.0	1.0	0.67	0.0	1.0	240	0.0	1.0	1.0	0.0	1.0	0.64	1.0	0.0	0.65	1.0	0.0	0.57	1.0			
10	O	n	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				
11	M	n	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				
12	-		0.0	1.0	0.88	0.0	1.0	316	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	L	n	0.5	0.5	0.26	0.5	0.5	95	0.5	0.5	0.0	0.5	0.5	0.45	0.0	0.47	0.5	0.0	0.45	0.5	1.0			
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				
15	V	w	0.0	0.5	0.83	0.0	0.5	297	0.5	0.5	1.0	0.5	0.5	0.51	1.0	0.79	0.5	1.0	0.79	0.5	1.0			
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				
17	L	w	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	0.5				
18	M	w	0.0	0.5	0.67	0.0	0.5	240	0.5	1.0	1.0	0.5	0.82	1.0	0.5	0.83	1.0	0.5	0.78	1.0				
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				
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				
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				
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				
23	O	w	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				
24	M	w	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				
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				
26	Y	w	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				
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				

$$H^*_{ej0} = round (360 e^*)$$

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

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		->NRS18		->NRS18		->NRS18		->NRS18	
no.	Colour	nce^*_{30}		n^*	c^*	H^*_{e10}	$LCH^*_{a,M1}$	$LCH^*_{a,M2}$	$LCH^*_{a,M3}$	$LCH^*_{a,M4}$			
01	N	1.0	0.0	-	1.0	0.0	-	48.1	74.1	-	56.7	68.1	-
02	Bn	0.5	0.5	0.75	0.5	0.5	270	41.5	44.8	272	48.0	29.5	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	180	51.9	62.1	162	85.0	99.7	162	56.7
05	C'n	0.5	0.5	0.63	0.5	0.5	225	56.9	57.8	217	76.3	33.5	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	0.10	0.5	0.5	359	48.0	71.2	25	51.9	96.2	25
11	M'n	0.5	0.5	0.88	0.5	0.5	315	36.8	49.4	329	57.2	110	329
12	-	0.0	1.0	0.81	0.0	1.0	292	28.1	51.0	300	33.6	41.8	300
13	Gn	0.5	0.5	0.25	0.5	0.5	89	87.2	79.4	92	85.4	91.5	92
14	Z	0.5	0.0	-	0.5	0.0	-	48.1	74.1	-	56.7	68.1	-
15	Bw	0.0	0.5	0.75	0.0	0.5	270	41.5	44.8	272	48.0	29.5	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	51.9	62.1	162	85.0	99.7	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
19	R	0.0	1.0	0.10	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	71.4	357	56.7	68.1	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	0.10	0.5	0.5	359	48.0	71.2	25	51.9	96.2	25
24	M'w	0.0	0.5	0.88	0.0	0.5	315	36.8	49.4	329	57.2	110	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	87.2	79.4	92	85.4	91.5	92
27	W	0.0	0.0	-	0.0	0.0	-	48.1	74.1	-	56.7	68.1	-

$H^*_{e10} = \text{round} (360 e^*)$

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		->ORS18		->ORS18		->ORS18	
no.	Colour	nce^*_{30}		n^*	c^*	H^*_{e10}	$LCH^*_{a,M1}$	$LCH^*_{a,M2}$	$LCH^*_{a,M3}$	$LCH^*_{a,M4}$			
01	N	1.0	0.0	-	1.0	0.0	-	48.0	70.2	-	52.8	91.9	-
02	Vn	0.5	0.5	0.83	0.5	0.5	297	25.7	54.3	305	31.1	46.6	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	50.9	71.8	151	84.4	103	151
05	Cn	0.5	0.5	0.67	0.5	0.5	240	58.6	71.9	236	66.5	28.6	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	48.2	82.4	38	50.7	108	38
11	Mn	0.5	0.5	0.93	0.5	0.5	336	48.1	75.6	354	54.9	91.3	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	90.1	82.3	96	88.1	94.2	96
14	Z	0.5	0.0	-	0.5	0.0	-	48.0	70.2	-	52.8	91.9	-
15	Vw	0.0	0.5	0.83	0.0	0.5	297	25.7	54.3	305	31.1	46.6	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	50.9	71.8	151	84.4	103	151
18	Mw	0.0	0.5	0.67	0.0	0.5	240	58.6	71.9	236	66.5	28.6	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	0.5	0.5	18	48.2	82.4	38	50.7	108	38
24	Mw	0.0	0.5	0.93	0.0	0.5	336	48.1	75.6	354	54.9	91.3	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	90.1	82.3	96	88.1	94.2	96
27	W	0.0	0.0	-	0.0	0.0	-	48.0	70.2	-	52.8	91.9	-

$H^*_{e10} = \text{round} (360 e^*)$

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	n^*	c^*	H^*_{e10}	LCH^*_{a1}	LCH^*_{a2}	LCH^*_{a3}	LCH^*_{a4}	LCH^*_{a5}	LCH^*_{a6}	LCH^*_{a7}	LCH^*_{a8}
01 N	1.0	0.0	-	1.0 0.0	-	1.0 0.0	-	0.0 0.0	-	1.0 0.0	-	1.0 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	37.4 38.6 272	37.4 38.0 272			
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	35.0 31.1 162	42.5 49.9 162	37.4 38.6 162	37.4 35.2 162			
05 C'n	0.5	0.5	0.63	0.5 0.5	225	37.5 28.9 217	38.1 16.7 217	37.4 38.7 217	37.4 36.4 217			
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	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	0.5	0.88	0.5 0.5	315	27.4 24.7 329	28.6 55.0 329	37.4 38.6 329	37.4 38.3 329			
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	52.6 39.7 92	42.7 45.8 92	37.4 38.6 92	37.4 38.0 92			
14 Z	0.5	0.0	-	0.5 0.0	-	56.7 0.0	-	56.7 0.0	-	56.7 0.0	-	56.7 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	76.1 38.6 272	76.1 38.0 272			
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	73.7 31.1 162	90.2 49.9 162	76.1 38.6 162	76.1 35.2 162			
18 M'w	0.0	0.5	0.63	0.0 0.5	225	76.2 28.9 217	85.8 16.7 217	76.1 38.7 217	76.1 36.4 217			
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	71.7 35.6 25	73.7 48.1 25	76.1 38.5 25	76.1 37.0 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	76.1 38.6 329	76.1 38.3 329			
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	91.3 39.7 92	90.4 45.8 92	76.1 38.6 92	76.1 38.0 92			
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

$H^*_{e10} = \text{round} (360 e^*)$

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.	Co	Lo	nce	n°	c°	H°	a1	a2	a3	a4									
01	N	1.0	0.0	-	1.0	0.0	-	0.0	0.0	-	0.0	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	37.4	34.1	305	37.4	33.6	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	34.5	35.9	151	42.2	51.5	151	37.4	34.6	151	37.4	38.3	151
05	Cn	0.5	0.5	0.67	0.5	0.5	240	38.3	35.9	236	33.3	14.3	236	37.4	34.7	236	37.4	33.6	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	33.1	41.2	38	25.3	54.2	38	37.4	34.6	38	37.4	36.1	38
11	Mn	0.5	0.5	0.93	0.5	0.5	336	33.1	37.8	354	27.4	45.7	354	37.4	34.1	354	37.4	33.7	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	54.1	41.2	96	44.0	47.1	96	37.4	37.1	96	37.4	36.7	96
14	Z	0.5	0.0	-	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	60.6	27.1	305	63.2	23.3	305	76.1	34.1	305	76.1	33.6	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	73.2	35.9	151	89.9	51.5	151	76.1	34.6	151	76.1	38.3	151
18	Mw	0.0	0.5	0.67	0.0	0.5	240	77.0	35.9	236	81.0	14.3	236	76.1	34.7	236	76.1	33.6	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	71.8	41.2	38	73.0	54.2	38	76.1	34.6	38	76.1	36.1	38
24	Mw	0.0	0.5	0.93	0.0	0.5	336	71.8	37.8	354	75.1	45.7	354	76.1	34.1	354	76.1	33.7	354
25	Y	0.0	1.0	0.26	0.0	1.0	95	90.1	82.3	96	88.1	94.2	96	56.7	74.2	96	56.7	73.4	96
26	Yw	0.0	0.5	0.26	0.0	0.5	95	92.8	41.2	96	91.7	47.1	96	76.1	37.1	96	76.1	36.7	96
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	-

$H^*_{e10} = \text{round} (360 e^*)$

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

For input ncc^*_{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		->NRS18		->NRS18		->NRS18		->NRS18		->NRS18	
no.	Colour	ncc^*_{30}	n^*	c^*	H^*_{ei0}	H^*_{ai1}	H^*_{ei1}	H^*_{ai2}	H^*_{ei2}	H^*_{ai3}	H^*_{ei3}	H^*_{ai4}	H^*_{ei4}	H^*_{ai5}	H^*_{ei5}
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
03	B	0.0	1.0	0.75	0.0	1.0	270	272	271	272	270	272	270	272	270
04	Gn	0.5	0.5	0.5	0.5	0.5	180	162	177	162	180	162	180	162	180
05	C'n	0.5	0.5	0.63	0.5	0.5	225	217	224	217	225	217	225	217	225
06	-	0.0	1.0	0.69	0.0	1.0	247	244	247	244	247	244	247	244	247
07	G	0.0	1.0	0.5	0.0	1.0	180	162	177	162	180	162	180	162	180
08	-	0.0	1.0	0.56	0.0	1.0	203	190	202	190	203	190	203	190	203
09	C'	0.0	1.0	0.63	0.0	1.0	225	217	224	217	225	217	225	217	225
10	Rn	0.5	0.5	1.0	0.5	0.5	359	25	0	25	359	25	359	25	359
11	M'n	0.5	0.5	0.88	0.5	0.5	315	329	316	329	315	329	315	329	315
12	-	0.0	1.0	0.81	0.0	1.0	292	300	293	300	292	300	292	300	292
13	Gn	0.5	0.5	0.25	0.5	0.5	89	92	90	92	89	92	89	92	89
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
16	-	0.0	1.0	0.38	0.0	1.0	135	127	134	127	135	127	135	127	135
17	Gw	0.0	0.5	0.5	0.0	0.5	180	162	177	162	180	162	180	162	180
18	M'w	0.0	0.5	0.63	0.0	0.5	225	217	224	217	225	217	225	217	225
19	R	0.0	1.0	1.0	0.0	1.0	359	25	0	25	359	25	359	25	359
20	-	0.0	1.0	0.94	0.0	1.0	337	338	337	337	337	337	337	337	337
21	M'	0.0	1.0	0.88	0.0	1.0	315	329	316	329	315	329	315	329	315
22	-	0.0	1.0	0.13	0.0	1.0	45	59	46	59	45	59	45	59	45
23	Rw	0.0	0.5	1.0	0.0	0.5	359	25	0	25	359	25	359	25	359
24	M'w	0.0	0.5	0.88	0.0	0.5	315	329	316	329	315	329	315	329	315
25	J	0.0	1.0	0.25	0.0	1.0	89	92	90	92	89	92	89	92	89
26	Jw	0.0	0.5	0.25	0.0	0.5	89	92	90	92	89	92	89	92	89
27	W	0.0	0.0	-	0.0	0.0	-	-	-	-	-	-	-	-	-

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

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

For input ncc^*_{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		->ORS18		->ORS18		->ORS18		->ORS18	
no.	Colour	ncc^*_{30}	n^*	c^*	H^*_{ei0}	H^*_{ai1}	H^*_{ei1}	H^*_{ai2}	H^*_{ei2}	H^*_{ai3}	H^*_{ei3}	H^*_{ai4}	H^*_{ei4}	H^*_{ai5}	H^*_{ei5}
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
03	V	0.0	1.0	0.83	0.0	1.0	297	305	297	305	296	305	296	305	296
04	Ln	0.5	0.5	0.45	0.5	0.5	163	151	163	151	166	151	166	151	166
05	C'n	0.5	0.5	0.67	0.5	0.5	240	236	240	236	241	236	241	236	241
06	-	0.0	1.0	0.75	0.0	1.0	270	271	270	271	270	271	270	271	270
07	L	0.0	1.0	0.45	0.0	1.0	163	151	163	151	166	151	166	151	166
08	-	0.0	1.0	0.57	0.0	1.0	204	193	204	193	205	193	205	193	205
09	C	0.0	1.0	0.67	0.0	1.0	240	236	240	236	241	236	241	236	241
10	On	0.5	0.5	0.05	0.5	0.5	18	38	18	38	17	38	17	38	17
11	Mn	0.5	0.5	0.93	0.5	0.5	336	354	336	354	335	354	335	354	335
12	-	0.0	1.0	0.88	0.0	1.0	316	329	316	329	315	329	315	329	315
13	Ln	0.5	0.5	0.26	0.5	0.5	95	96	95	96	95	96	95	96	95
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
16	-	0.0	1.0	0.36	0.0	1.0	130	124	130	124	131	124	131	124	131
17	Lw	0.0	0.5	0.45	0.0	0.5	163	151	163	151	166	151	166	151	166
18	Mw	0.0	0.5	0.67	0.0	0.5	240	236	240	236	241	236	241	236	241
19	O	0.0	1.0	0.05	0.0	1.0	18	38	18	38	17	38	17	38	17
20	-	0.0	1.0	0.98	0.0	1.0	353	16	353	16	352	16	352	16	352
21	M	0.0	1.0	0.93	0.0	1.0	336	354	336	354	335	354	335	354	335
22	-	0.0	1.0	0.16	0.0	1.0	57	67	57	67	56	67	56	67	56
23	OW	0.0	0.5	0.05	0.0	0.5	18	38	18	38	17	38	17	38	17
24	Mw	0.0	0.5	0.93	0.0	0.5	336	354	336	354	335	354	335	354	335
25	Y	0.0	1.0	0.26	0.0	1.0	95	96	95	96	95	96	95	96	95
26	Yw	0.0	0.5	0.26	0.0	0.5	95	96	95	96	95	96	95	96	95
27	W	0.0	0.0	-	0.0	0.0	-	-	-	-	-	-	-	-	-

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