

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	0.5 0.0 0.14	0.5 0.0 0.1	0.5 0.0 0.5	0.0 0.5 0.04
11	M'n	37.4 38.6 329	0.5 0.5 329	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	-	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 0.46 0.0	0.5 0.41 0.0	0.5 0.5 0.0	0.48 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	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

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

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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

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