

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 -

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

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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 -

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