

Farbmetrische Daten für Systemketten NRS18 -> ORS18, TLS00, NRS18, SRS18

Für Eingabe olv^*_{30} (NRS18) und Ausgabe $LCH^*_{a,Mm}$ für 4 Systeme ($m=0$ bis 4)

Sechs CIELAB-Bunttonwinkel des Gerätes ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);

Sechs CIELAB-Bunttonwinkel des Gerätes TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);

Sechs CIELAB-Bunttonwinkel des Gerätes NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);

Sechs CIELAB-Bunttonwinkel des Gerätes SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

Nr. Farbe	->NRS18 $olv^*_{30}=rgb^*_{30}n^*, c^*, H^*_{si0}$	->NRS18 $LCH^*_{a,M1}$	ORS18 $LCH^*_{a,M2}$	TLS00 $LCH^*_{a,M2}$	NRS18 $LCH^*_{a,M3}$	SRS18 $LCH^*_{a,M4}$
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 -	

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

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

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

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

ZG100-7

BAM-Prüfvorlage ZG10; Transfer olv^*_{30} , $LCH^*_{a,M}$, nce^* , 2/12
NRS18, ORS18->ORS18, TLS00, NRS18, SRS18; 27 Farben

Farbmetrische Daten für Systemketten ORS18 -> ORS18, TLS00, NRS18, SRS18

Für Eingabe olv^*_{30} (ORS18) und Ausgabe $LCH^*_{a,Mm}$ für 4 Systeme ($m=0$ bis 4)

Sechs CIELAB-Bunttonwinkel des Gerätes ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);

Sechs CIELAB-Bunttonwinkel des Gerätes TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);

Sechs CIELAB-Bunttonwinkel des Gerätes NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);

Sechs CIELAB-Bunttonwinkel des Gerätes SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

Nr. Farbe	->ORS18 olv^*_{30}	->ORS18 n^*, c^*, H^*_{si0}	ORS18 $LCH^*_{a,M1}$	TLS00 $LCH^*_{a,M2}$	NRS18 $LCH^*_{a,M3}$	SRS18 $LCH^*_{a,M4}$
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 -	

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

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

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

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

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Eingabe: rgb (-> olv^*_{30}) $setrgbcolor$
Ausgabe: keine Eingabeänderung