

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

Für Eingabe  $olv^*_{30}$  (TLS00) und Ausgabe  $olv^*_{3m}$  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	->TLS00 $olv^*_{30}$	->TLS00 $n^*, c^*, H^*_{si0}$	ORS18 $olv^*_{31}$	TLS00 $olv^*_{32}$	NRS18 $olv^*_{33}$	SRS18 $olv^*_{34}$
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 0.0 0.0	0.0 0.0 0.0
02 Vn	0.0 0.0 0.5 0.5 0.5	270 0.01 0.0	0.5 0.0 0.0	0.5 0.3 0.0	0.5 0.3 0.0	0.5 0.3 0.0
03 V	0.0 0.0 1.0 0.0 1.0	270 0.02 0.0	1.0 0.0 0.0	1.0 0.6 0.0	1.0 0.6 0.0	1.0 0.6 0.0
04 Ln	0.0 0.5 0.0 0.5 0.5	150 0.14 0.5	0.0 0.0 0.5	0.0 0.19 0.5	0.0 0.12 0.5	0.0 0.12 0.5
05 Cn	0.0 0.5 0.5 0.5 0.5	210 0.0 0.5	0.26 0.0 0.5	0.5 0.0 0.5	0.31 0.0 0.5	0.38 0.0 0.5
06 -	0.0 0.5 1.0 0.0 1.0	240 0.0 0.78	1.0 0.0 0.5	1.0 0.0 0.38	1.0 0.0 0.32	1.0 0.0 0.32
07 L	0.0 1.0 0.0 0.0 1.0	150 0.27 1.0	0.0 0.0 1.0	0.0 0.38 1.0	0.0 0.23 1.0	0.0 0.23 1.0
08 -	0.0 1.0 0.5 0.0 1.0	180 0.0 1.0	0.18 0.0 1.0	0.5 0.0 1.0	0.07 0.0 1.0	0.27 0.0 1.0
09 C	0.0 1.0 1.0 0.0 1.0	210 0.0 1.0	0.53 0.0 1.0	0.99 0.0 1.0	0.62 0.0 1.0	0.77 0.0 1.0
10 On	0.5 0.0 0.0 0.5 0.5	30 0.5 0.02	0.0 0.5 0.0	0.5 0.11 0.0	0.5 0.08 0.0	0.0 0.08 0.0
11 Mn	0.5 0.0 0.5 0.5 0.5	329 0.24 0.0	0.5 0.49 0.0	0.5 0.49 0.0	0.5 0.48 0.0	0.5 0.48 0.0
12 -	0.5 0.0 1.0 0.0 1.0	299 0.25 0.0	1.0 0.49 0.0	1.0 0.8 0.0	1.0 0.78 0.0	1.0 0.78 0.0
13 Ln	0.5 0.5 0.0 0.5 0.5	90 0.44 0.5	0.0 0.5 0.5	0.0 0.42 0.5	0.0 0.39 0.5	0.0 0.39 0.5
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
15 Vw	0.5 0.5 1.0 0.0 0.5	270 0.51 0.5	1.0 0.5 0.5	1.0 0.8 0.5	1.0 0.8 0.5	1.0 0.8 0.5
16 -	0.5 1.0 0.0 0.0 1.0	119 0.59 1.0	0.0 0.51 1.0	0.0 0.62 1.0	0.0 0.52 1.0	0.0 0.52 1.0
17 Lw	0.5 1.0 0.5 0.0 0.5	150 0.64 1.0	0.5 0.5 1.0	0.5 0.69 1.0	0.5 0.62 1.0	0.5 0.62 1.0
18 Mw	0.5 1.0 1.0 0.0 0.5	210 0.5 1.0	0.76 0.5 1.0	0.5 1.0 0.81	0.5 1.0 0.88	0.5 1.0 0.88
19 O	1.0 0.0 0.0 0.0 1.0	30 1.0 0.04	0.0 1.0 0.0	0.0 1.0 0.22	0.0 1.0 0.17	0.0 1.0 0.17
20 -	1.0 0.0 0.5 0.0 1.0	0 1.0 0.0	0.77 1.0 0.0	0.5 1.0 0.0	0.38 1.0 0.0	0.43 1.0 0.0
21 M	1.0 0.0 1.0 0.0 1.0	329 0.47 0.0	1.0 0.99 0.0	1.0 0.99 0.0	1.0 0.97 0.0	1.0 0.97 0.0
22 -	1.0 0.5 0.0 0.0 1.0	60 1.0 0.57	0.0 1.0 0.49	0.0 1.0 0.68	0.0 1.0 0.68	0.0 1.0 0.68
23 Ow	1.0 0.5 0.5 0.0 0.5	30 1.0 0.52	0.5 1.0 0.5	0.5 1.0 0.61	0.5 1.0 0.58	0.5 1.0 0.58
24 Mw	1.0 0.5 1.0 0.0 0.5	329 0.74 0.5	1.0 0.99 0.5	1.0 0.99 0.5	1.0 0.98 0.5	1.0 0.98 0.5
25 Y	1.0 1.0 0.0 0.0 1.0	90 0.88 1.0	0.0 1.0 1.0	0.0 0.85 1.0	0.0 0.78 1.0	0.0 0.78 1.0
26 Yw	1.0 1.0 0.5 0.0 0.5	90 0.94 1.0	0.5 1.0 1.0	0.5 0.92 1.0	0.5 0.89 1.0	0.5 0.89 1.0
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 1.0 1.0

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

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

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

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

ZG110-7

BAM-Prüfvorlage ZG11; Transfer  $olv^*_{3}$ , LCH\*a, nce\*, 1/12  
TLS00, SRS18->ORS18, TLS00, NRS18, SRS18; 27 Farben

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

Für Eingabe  $olv^*_{30}$  (SRS18) und Ausgabe  $olv^*_{3m}$  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	->SRS18 $olv^*_{30}$	->SRS18 $n^*, c^*, H^*_{si0}$	ORS18 $olv^*_{31}$	TLS00 $olv^*_{32}$	NRS18 $olv^*_{33}$	SRS18 $olv^*_{34}$
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 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 0.25	0.5 0.0 0.0	0.17 0.5 0.0	0.02 0.5 0.0	0.0 0.0 0.5
03 V	0.0 0.0 1.0 0.0 1.0	270 0.0 0.51	1.0 0.0 0.0	0.33 1.0 0.0	0.03 1.0 0.0	0.0 0.0 1.0
04 Ln	0.0 0.5 0.0 0.5 0.5	150 0.01 0.5	0.0 0.0 0.5	0.12 0.09 0.5	0.0 0.0 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	0.35 0.0 0.44	0.5 0.0 0.5	0.44 0.0 0.5	0.5 0.5 0.5
06 -	0.0 0.5 1.0 0.0 1.0	240 0.0 0.94	1.0 0.0 0.6	1.0 0.0 0.58	1.0 0.0 0.5	1.0 0.0 0.5
07 L	0.0 1.0 0.0 0.0 1.0	150 0.02 1.0	0.0 0.0 1.0	0.23 0.17 1.0	0.0 0.0 1.0	0.0 0.0 1.0
08 -	0.0 1.0 0.5 0.0 1.0	180 0.0 1.0	0.34 0.0 1.0	0.73 0.0 1.0	0.32 0.0 1.0	0.5 0.0 1.0
09 C	0.0 1.0 1.0 0.0 1.0	210 0.0 1.0	0.69 0.0 0.88	1.0 0.0 1.0	0.87 0.0 1.0	1.0 1.0 1.0
10 On	0.5 0.0 0.0 0.5 0.5	30 0.5 0.0	0.09 0.5 0.0	0.07 0.5 0.03	0.0 0.5 0.0	0.0 0.0 0.0
11 Mn	0.5 0.0 0.5 0.5 0.5	330 0.26 0.0	0.5 0.5 0.0	0.49 0.5 0.0	0.49 0.5 0.0	0.5 0.0 0.5
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
13 Ln	0.5 0.5 0.0 0.5 0.5	90 0.5 0.45	0.0 0.5 0.4	0.0 0.5 0.48	0.0 0.5 0.5	0.0 0.5 0.5
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
15 Vw	0.5 0.5 1.0 0.0 0.5	270 0.5 0.75	1.0 0.5 0.67	1.0 0.5 0.52	1.0 0.5 0.5	1.0 0.5 0.5
16 -	0.5 1.0 0.0 0.0 1.0	120 0.57 1.0	0.0 0.48 1.0	0.0 0.6 1.0	0.0 0.5 1.0	0.0 0.5 1.0
17 Lw	0.5 1.0 0.5 0.0 0.5	150 0.51 1.0	0.5 0.5 1.0	0.62 0.59 1.0	0.5 0.5 1.0	0.5 0.5 1.0
18 Mw	0.5 1.0 1.0 0.0 0.5	210 0.5 1.0	0.85 0.5 0.94	1.0 0.5 1.0	0.94 0.5 1.0	1.0 1.0 1.0
19 O	1.0 0.0 0.0 0.0 1.0	30 1.0 0.0	0.17 1.0 0.0	0.14 1.0 0.07	0.0 1.0 0.0	0.0 0.0 0.0
20 -	1.0 0.0 0.5 0.0 1.0	0 1.0 0.0	0.86 1.0 0.0	0.56 1.0 0.0	0.45 1.0 0.0	0.5 0.0 0.5
21 M	1.0 0.0 1.0 0.0 1.0	330 0.51 0.0	1.0 1.0 0.0	0.98 1.0 0.0	0.98 1.0 0.0	1.0 0.0 1.0
22 -	1.0 0.5 0.0 0.0 1.0	60 1.0 0.38	0.0 1.0 0.32	0.0 1.0 0.52	0.0 1.0 0.5	0.0 1.0 0.5
23 Ow	1.0 0.5 0.5 0.0 0.5	30 1.0 0.5	0.59 1.0 0.5	0.57 1.0 0.53	0.5 1.0 0.5	0.5 0.5 0.5
24 Mw	1.0 0.5 1.0 0.0 0.5	330 0.76 0.5	1.0 1.0 0.5	0.99 1.0 0.5	0.99 1.0 0.5	1.0 0.5 1.0
25 Y	1.0 1.0 0.0 0.0 1.0	90 1.0 0.89	0.0 1.0 0.8	0.0 1.0 0.97	0.0 1.0 1.0	0.0 1.0 0.0
26 Yw	1.0 1.0 0.5 0.0 0.5	90 1.0 0.95	0.5 1.0 0.9	0.5 1.0 0.98	0.5 1.0 1.0	0.5 1.0 0.5
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

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

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

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

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

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Eingabe:  $rgb (->olv^*_{3})$  setrgbcolor  
Ausgabe: keine Eingabeänderung

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

Für Eingabe  $olv^*_{30}$  (TLS00) 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	->TLS00 $olv^*_{30}$	->TLS00 $n^*, c^*, H^*_{si0}$	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 -	48.1 71.7 -	53.9 89.9 -	56.7 68.6 -	56.7 67.2 -
02 Vn	0.0 0.0 0.5	0.5 0.5 0.5	270 26.2 53.8 306	30.5 47.8 306	56.7 68.4 306	56.7 67.4 306
03 V	0.0 0.0 1.0	0.0 1.0 1.0	270 26.2 53.8 306	30.5 47.8 306	56.7 68.4 306	56.7 67.4 306
04 Ln	0.0 0.5 0.0	0.5 0.5 0.5	150 61.7 84.0 136	83.6 93.1 136	56.7 64.2 136	56.7 69.7 136
05 Cn	0.0 0.5 0.5	0.5 0.5 0.5	210 55.0 53.0 196	86.9 115 196	56.7 69.1 196	56.7 69.7 196
06 -	0.0 0.5 1.0	0.0 1.0 1.0	240 51.5 47.5 251	58.8 27.6 251	56.7 69.2 251	56.7 68.3 251
07 L	0.0 1.0 0.0	0.0 0.0 1.0	150 61.7 84.0 136	83.6 93.1 136	56.7 64.2 136	56.7 69.7 136
08 -	0.0 1.0 0.5	0.0 1.0 1.0	180 52.3 59.7 166	85.2 99.4 166	56.7 75.0 166	56.7 69.1 166
09 C	0.0 1.0 1.0	0.0 1.0 1.0	210 55.0 53.0 196	86.9 115 196	56.7 69.1 196	56.7 69.7 196
10 On	0.5 0.0 0.0	0.5 0.5 0.5	30 49.6 80.9 40	50.5 111 40	56.7 68.3 40	56.7 71.3 40
11 Mn	0.5 0.0 0.5	0.5 0.5 0.5	329 36.3 49.4 328	57.0 128 328	56.7 76.9 328	56.7 75.9 328
12 -	0.5 0.0 1.0	0.0 1.0 1.0	299 31.2 50.6 317	43.5 126 317	56.7 71.1 317	56.7 70.1 317
13 Ln	0.5 0.5 0.0	0.5 0.5 0.5	90 85.6 87.7 103	92.6 93.0 103	56.7 69.6 103	56.7 70.1 103
14 Z	0.5 0.5 0.5	0.5 0.5 0.0 -	48.1 71.7 -	53.9 89.9 -	56.7 68.6 -	56.7 67.2 -
15 Vw	0.5 0.5 1.0	0.0 0.5 0.5	270 26.2 53.8 306	30.5 47.8 306	56.7 68.4 306	56.7 67.4 306
16 -	0.5 1.0 0.0	0.0 0.0 1.0	119 74.0 82.3 119	88.3 89.2 119	56.7 64.1 119	56.7 67.0 119
17 Lw	0.5 1.0 0.5	0.0 0.5 0.5	150 61.7 84.0 136	83.6 93.1 136	56.7 64.2 136	56.7 69.7 136
18 Mw	0.5 1.0 1.0	0.0 0.5 0.5	210 55.0 53.0 196	86.9 115 196	56.7 69.1 196	56.7 69.7 196
19 O	1.0 0.0 0.0	0.0 0.0 1.0	30 49.6 80.9 40	50.5 111 40	56.7 68.3 40	56.7 71.3 40
20 -	1.0 0.0 0.5	0.0 1.0 0	48.1 71.7 4	53.9 89.9 4	56.7 68.6 4	56.7 67.2 4
21 M	1.0 0.0 1.0	0.0 1.0 1.0	329 36.3 49.4 328	57.0 128 328	56.7 76.9 328	56.7 75.9 328
22 -	1.0 0.5 0.0	0.0 0.0 1.0	60 72.0 72.2 71	71.3 85.7 71	56.7 66.1 71	56.7 68.3 71
23 Ow	1.0 0.5 0.5	0.0 0.5 0.5	30 49.6 80.9 40	50.5 111 40	56.7 68.3 40	56.7 71.3 40
24 Mw	1.0 0.5 1.0	0.0 0.5 0.5	329 36.3 49.4 328	57.0 128 328	56.7 76.9 328	56.7 75.9 328
25 Y	1.0 1.0 0.0	0.0 0.0 1.0	90 85.6 87.7 103	92.6 93.0 103	56.7 69.6 103	56.7 70.1 103
26 Yw	1.0 1.0 0.5	0.0 0.5 0.5	90 85.6 87.7 103	92.6 93.0 103	56.7 69.6 103	56.7 70.1 103
27 W	1.0 1.0 1.0	0.0 0.0 0.0 -	48.1 71.7 -	53.9 89.9 -	56.7 68.6 -	56.7 67.2 -

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

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

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

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

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BAM-Prüfvorlage ZG11; Transfer  $olv^*_{30}$ ,  $LCH^*_{a,M}$ ,  $nce^*$ , 2/12  
TLS00, SRS18->ORS18, TLS00, NRS18, SRS18; 27 Farben

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

Für Eingabe  $olv^*_{30}$  (SRS18) 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	->SRS18 $olv^*_{30}$	->SRS18 $n^*, c^*, H^*_{si0}$	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 -	48.1 72.9 -	54.3 90.1 -	56.7 68.2 -	56.7 67.0 -
02 Vn	0.0 0.0 0.5	0.5 0.5 0.5	270 42.4 44.8 270	49.0 29.2 270	56.7 76.2 270	56.7 77.4 270
03 V	0.0 0.0 1.0	0.0 1.0 1.0	270 42.4 44.8 270	49.0 29.2 270	56.7 76.2 270	56.7 77.4 270
04 Ln	0.0 0.5 0.0	0.5 0.5 0.5	150 51.6 91.6 150	84.4 104 150	56.7 68.8 150	56.7 77.4 150
05 Cn	0.0 0.5 0.5	0.5 0.5 0.5	210 56.3 55.3 210	79.9 36.8 210	56.7 73.3 210	56.7 77.4 210
06 -	0.0 0.5 1.0	0.0 1.0 1.0	240 56.7 51.9 240	64.5 28.2 240	56.7 68.9 240	56.7 67.0 240
07 L	0.0 1.0 0.0	0.0 0.0 1.0	150 51.6 91.6 150	84.4 104 150	56.7 68.8 150	56.7 77.4 150
08 -	0.0 1.0 0.5	0.0 1.0 1.0	180 53.5 54.5 180	86.0 102 180	56.7 69.7 180	56.7 67.0 180
09 C	0.0 1.0 1.0	0.0 1.0 1.0	210 56.3 55.3 210	79.9 36.8 210	56.7 73.3 210	56.7 77.4 210
10 On	0.5 0.0 0.0	0.5 0.5 0.5	30 48.0 72.5 30	51.4 99.9 30	56.7 73.8 30	56.7 77.4 30
11 Mn	0.5 0.0 0.5	0.5 0.5 0.5	330 37.2 49.4 330	57.1 109 330	56.7 76.4 330	56.7 77.4 330
12 -	0.5 0.0 1.0	0.0 1.0 1.0	300 28.1 51.4 300	33.6 41.8 300	56.7 68.0 300	56.7 67.0 300
13 Ln	0.5 0.5 0.0	0.5 0.5 0.5	90 85.8 78.2 90	84.0 90.4 90	56.7 75.5 90	56.7 77.4 90
14 Z	0.5 0.5 0.5	0.5 0.5 0.0 -	48.1 72.9 -	54.3 90.1 -	56.7 68.2 -	56.7 67.0 -
15 Vw	0.5 0.5 1.0	0.0 0.5 0.5	270 42.4 44.8 270	49.0 29.2 270	56.7 76.2 270	56.7 77.4 270
16 -	0.5 1.0 0.0	0.0 0.0 1.0	120 73.3 82.2 120	88.0 89.2 120	56.7 63.9 120	56.7 67.0 120
17 Lw	0.5 1.0 0.5	0.0 0.5 0.5	150 51.6 91.6 150	84.4 104 150	56.7 68.8 150	56.7 77.4 150
18 Mw	0.5 1.0 1.0	0.0 0.5 0.5	210 56.3 55.3 210	79.9 36.8 210	56.7 73.3 210	56.7 77.4 210
19 O	1.0 0.0 0.0	0.0 0.0 1.0	30 48.0 72.5 30	51.4 99.9 30	56.7 73.8 30	56.7 77.4 30
20 -	1.0 0.0 0.5	0.0 1.0 0	48.1 72.9 0	54.3 90.1 0	56.7 68.2 0	56.7 67.0 0
21 M	1.0 0.0 1.0	0.0 1.0 1.0	330 37.2 49.4 330	57.1 109 330	56.7 76.4 330	56.7 77.4 330
22 -	1.0 0.5 0.0	0.0 0.0 1.0	60 64.1 72.6 60	63.9 87.4 60	56.7 64.6 60	56.7 67.0 60
23 Ow	1.0 0.5 0.5	0.0 0.5 0.5	30 48.0 72.5 30	51.4 99.9 30	56.7 73.8 30	56.7 77.4 30
24 Mw	1.0 0.5 1.0	0.0 0.5 0.5	330 37.2 49.4 330	57.1 109 330	56.7 76.4 330	56.7 77.4 330
25 Y	1.0 1.0 0.0	0.0 0.0 1.0	90 85.8 78.2 90	84.0 90.4 90	56.7 75.5 90	56.7 77.4 90
26 Yw	1.0 1.0 0.5	0.0 0.5 0.5	90 85.8 78.2 90	84.0 90.4 90	56.7 75.5 90	56.7 77.4 90
27 W	1.0 1.0 1.0	0.0 0.0 0.0 -	48.1 72.9 -	54.3 90.1 -	56.7 68.2 -	56.7 67.0 -

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

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

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

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

ZG111-7

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

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

Für Eingabe  $olv^*_{30}$  (TLS00) und Ausgabe  $LCH^*_{am}$  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	->TLS00 $olv^*_{30}$	->TLS00 $n^*, c^*, H^*_{si0}$	ORS18 $LCH^*_{a1}$	TLS00 $LCH^*_{a2}$	NRS18 $LCH^*_{a3}$	SRS18 $LCH^*_{a4}$
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 -	18.0 0.0 -
02 Vn	0.0 0.0 0.5 0.5 0.5 270	22.1 26.9 306	15.3 23.9 306	37.4 34.2 306	37.4 33.7 306	37.4 33.7 306
03 V	0.0 0.0 1.0 0.0 1.0 270	26.2 53.8 306	30.5 47.8 306	56.7 68.4 306	56.7 67.4 306	56.7 67.4 306
04 Ln	0.0 0.5 0.0 0.5 0.5 150	39.9 42.0 136	41.8 46.5 136	37.4 32.1 136	37.4 34.9 136	37.4 34.9 136
05 Cn	0.0 0.5 0.5 0.5 0.5 210	36.5 26.5 196	43.4 57.3 196	37.4 34.6 196	37.4 34.9 196	37.4 34.9 196
06 -	0.0 0.5 1.0 0.0 1.0 240	51.5 47.5 251	58.8 27.6 251	56.7 69.2 251	56.7 68.3 251	56.7 68.3 251
07 L	0.0 1.0 0.0 0.0 1.0 150	61.7 84.0 136	83.6 93.1 136	56.7 64.2 136	56.7 69.7 136	56.7 69.7 136
08 -	0.0 1.0 0.5 0.0 1.0 180	52.3 59.7 166	85.2 99.4 166	56.7 75.0 166	56.7 69.1 166	56.7 69.1 166
09 C	0.0 1.0 1.0 0.0 1.0 210	55.0 53.0 196	86.9 115 196	56.7 69.1 196	56.7 69.7 196	56.7 69.7 196
10 On	0.5 0.0 0.0 0.5 0.5 30	33.8 40.4 40	25.3 55.5 40	37.4 34.1 40	37.4 35.7 40	37.4 35.7 40
11 Mn	0.5 0.0 0.5 0.5 0.5 329	27.2 24.7 328	28.5 64.2 328	37.4 38.5 328	37.4 38.0 328	37.4 38.0 328
12 -	0.5 0.0 1.0 0.0 1.0 299	31.2 50.6 317	43.5 126 317	56.7 71.1 317	56.7 70.1 317	56.7 70.1 317
13 Ln	0.5 0.5 0.0 0.5 0.5 90	51.8 43.9 103	46.3 46.5 103	37.4 34.8 103	37.4 35.0 103	37.4 35.0 103
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 -	56.7 0.0 -
15 Vw	0.5 0.5 1.0 0.0 0.5 270	60.8 26.9 306	63.0 23.9 306	76.1 34.2 306	76.1 33.7 306	76.1 33.7 306
16 -	0.5 1.0 0.0 0.0 1.0 119	74.0 82.3 119	88.3 89.2 119	56.7 64.1 119	56.7 67.0 119	56.7 67.0 119
17 Lw	0.5 1.0 0.5 0.0 0.5 150	78.6 42.0 136	89.5 46.5 136	76.1 32.1 136	76.1 34.9 136	76.1 34.9 136
18 Mw	0.5 1.0 1.0 0.0 0.5 210	75.2 26.5 196	91.1 57.3 196	76.1 34.6 196	76.1 34.9 196	76.1 34.9 196
19 O	1.0 0.0 0.0 0.0 1.0 30	49.6 80.9 40	50.5 111 40	56.7 68.3 40	56.7 71.3 40	56.7 71.3 40
20 -	1.0 0.0 0.5 0.0 1.0 0	48.1 71.7 4	53.9 89.9 4	56.7 68.6 4	56.7 67.2 4	56.7 67.2 4
21 M	1.0 0.0 1.0 0.0 1.0 329	36.3 49.4 328	57.0 128 328	56.7 76.9 328	56.7 75.9 328	56.7 75.9 328
22 -	1.0 0.5 0.0 0.0 1.0 60	72.0 72.2 71	71.3 85.7 71	56.7 66.1 71	56.7 68.3 71	56.7 68.3 71
23 Ow	1.0 0.5 0.5 0.0 0.5 30	72.5 40.4 40	73.0 55.5 40	76.1 34.1 40	76.1 35.7 40	76.1 35.7 40
24 Mw	1.0 0.5 1.0 0.0 0.5 329	65.9 24.7 328	76.2 64.2 328	76.1 38.5 328	76.1 38.0 328	76.1 38.0 328
25 Y	1.0 1.0 0.0 0.0 1.0 90	85.6 87.7 103	92.6 93.0 103	56.7 69.6 103	56.7 70.1 103	56.7 70.1 103
26 Yw	1.0 1.0 0.5 0.0 0.5 90	90.5 43.9 103	94.0 46.5 103	76.1 34.8 103	76.1 35.0 103	76.1 35.0 103
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 -	95.4 0.0 -

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

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

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

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

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BAM-Prüfvorlage ZG11; Transfer  $olv^*_{30}$ ,  $LCH^*_{a1}$ ,  $nce^*$ , 3/12  
TLS00, SRS18->ORS18, TLS00, NRS18, SRS18; 27 Farben

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

Für Eingabe  $olv^*_{30}$  (SRS18) und Ausgabe  $LCH^*_{am}$  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	->SRS18 $olv^*_{30}$	->SRS18 $n^*, c^*, H^*_{si0}$	ORS18 $LCH^*_{a1}$	TLS00 $LCH^*_{a2}$	NRS18 $LCH^*_{a3}$	SRS18 $LCH^*_{a4}$
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 -	18.0 0.0 -
02 Vn	0.0 0.0 0.5 0.5 0.5 270	30.2 22.4 270	24.5 14.6 270	37.4 38.1 270	37.4 38.7 270	37.4 38.7 270
03 V	0.0 0.0 1.0 0.0 1.0 270	42.4 44.8 270	49.0 29.2 270	56.7 76.2 270	56.7 77.4 270	56.7 77.4 270
04 Ln	0.0 0.5 0.0 0.5 0.5 150	34.8 45.8 150	42.2 51.8 150	37.4 34.4 150	37.4 38.7 150	37.4 38.7 150
05 Cn	0.0 0.5 0.5 0.5 0.5 210	37.1 27.6 210	39.9 18.4 210	37.4 36.7 210	37.4 38.7 210	37.4 38.7 210
06 -	0.0 0.5 1.0 0.0 1.0 240	56.7 51.9 240	64.5 28.2 240	56.7 68.9 240	56.7 67.0 240	56.7 67.0 240
07 L	0.0 1.0 0.0 0.0 1.0 150	51.6 91.6 150	84.4 104 150	56.7 68.8 150	56.7 77.4 150	56.7 77.4 150
08 -	0.0 1.0 0.5 0.0 1.0 180	53.5 54.5 180	86.0 102 180	56.7 69.7 180	56.7 67.0 180	56.7 67.0 180
09 C	0.0 1.0 1.0 0.0 1.0 210	56.3 55.3 210	79.9 36.8 210	56.7 73.3 210	56.7 77.4 210	56.7 77.4 210
10 On	0.5 0.0 0.0 0.5 0.5 30	33.0 36.2 30	25.7 50.0 30	37.4 36.9 30	37.4 38.7 30	37.4 38.7 30
11 Mn	0.5 0.0 0.5 0.5 0.5 330	27.6 24.7 330	28.6 54.3 330	37.4 38.2 330	37.4 38.7 330	37.4 38.7 330
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	56.7 67.0 300
13 Ln	0.5 0.5 0.0 0.5 0.5 90	51.9 39.1 90	42.0 45.2 90	37.4 37.7 90	37.4 38.7 90	37.4 38.7 90
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 -	56.7 0.0 -
15 Vw	0.5 0.5 1.0 0.0 0.5 270	68.9 22.4 270	72.2 14.6 270	76.1 38.1 270	76.1 38.7 270	76.1 38.7 270
16 -	0.5 1.0 0.0 0.0 1.0 120	73.3 82.2 120	88.0 89.2 120	56.7 63.9 120	56.7 67.0 120	56.7 67.0 120
17 Lw	0.5 1.0 0.5 0.0 0.5 150	73.5 45.8 150	89.9 51.8 150	76.1 34.4 150	76.1 38.7 150	76.1 38.7 150
18 Mw	0.5 1.0 1.0 0.0 0.5 210	75.8 27.6 210	87.6 18.4 210	76.1 36.7 210	76.1 38.7 210	76.1 38.7 210
19 O	1.0 0.0 0.0 0.0 1.0 30	48.0 72.5 30	51.4 99.9 30	56.7 73.8 30	56.7 77.4 30	56.7 77.4 30
20 -	1.0 0.0 0.5 0.0 1.0 0	48.1 72.9 0	54.3 90.1 0	56.7 68.2 0	56.7 67.0 0	56.7 67.0 0
21 M	1.0 0.0 1.0 0.0 1.0 330	37.2 49.4 330	57.1 109 330	56.7 76.4 330	56.7 77.4 330	56.7 77.4 330
22 -	1.0 0.5 0.0 0.0 1.0 60	64.1 72.6 60	63.9 87.4 60	56.7 64.6 60	56.7 67.0 60	56.7 67.0 60
23 Ow	1.0 0.5 0.5 0.0 0.5 30	71.7 36.2 30	73.4 50.0 30	76.1 36.9 30	76.1 38.7 30	76.1 38.7 30
24 Mw	1.0 0.5 1.0 0.0 0.5 330	66.3 24.7 330	76.3 54.3 330	76.1 38.2 330	76.1 38.7 330	76.1 38.7 330
25 Y	1.0 1.0 0.0 0.0 1.0 90	85.8 78.2 90	84.0 90.4 90	56.7 75.5 90	56.7 77.4 90	56.7 77.4 90
26 Yw	1.0 1.0 0.5 0.0 0.5 90	90.6 39.1 90	89.7 45.2 90	76.1 37.7 90	76.1 38.7 90	76.1 38.7 90
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 -	95.4 0.0 -

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

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

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

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

ZG111-7

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

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

Für Eingabe  $olv^*_{30}$  (TLS00) und Ausgabe  $H^*_{aim} H^*_{eim}$  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	->TLS00 $olv^*_{30}$	->TLS00 $n^*, c^*, H^*_{si0}$	ORS18 $H^*_{ai1} H^*_{ei1}$	TLS00 $H^*_{ai2} H^*_{ei2}$	NRS18 $H^*_{ai3} H^*_{ei3}$	SRS18 $H^*_{ai4} H^*_{ei4}$
01 N	0.0 0.0 0.0 1.0 0.0 - - -	- - -	- - -	- - -	- - -	- - -
02 Vn	0.0 0.0 0.5 0.5 0.5 270 306 298	306 297 306 297 306 297	306 297 306 297 306 297	306 297 306 297 306 297	306 297 306 297 306 297	306 297 306 297 306 297
03 V	0.0 0.0 1.0 0.0 1.0 270 306 298	306 297 306 297 306 297	306 297 306 297 306 297	306 297 306 297 306 297	306 297 306 297 306 297	306 297 306 297 306 297
04 Ln	0.0 0.5 0.0 0.5 0.5 150 136 145	136 146 136 146 136 146	136 146 136 146 136 146	136 146 136 146 136 146	136 146 136 146 136 146	136 146 136 146 136 146
05 Cn	0.0 0.5 0.5 0.5 0.5 210 196 207	196 208 196 208 196 208	196 208 196 208 196 208	196 208 196 208 196 208	196 208 196 208 196 208	196 208 196 208 196 208
06 -	0.0 0.5 1.0 0.0 1.0 240 251 253	251 253 251 253 251 253	251 253 251 253 251 253	251 253 251 253 251 253	251 253 251 253 251 253	251 253 251 253 251 253
07 L	0.0 1.0 0.0 0.0 1.0 150 136 145	136 146 136 146 136 146	136 146 136 146 136 146	136 146 136 146 136 146	136 146 136 146 136 146	136 146 136 146 136 146
08 -	0.0 1.0 0.5 0.0 1.0 180 166 181	166 183 166 183 166 183	166 183 166 183 166 183	166 183 166 183 166 183	166 183 166 183 166 183	166 183 166 183 166 183
09 C	0.0 1.0 1.0 0.0 1.0 210 196 207	196 208 196 208 196 208	196 208 196 208 196 208	196 208 196 208 196 208	196 208 196 208 196 208	196 208 196 208 196 208
10 On	0.5 0.0 0.0 0.5 0.5 30 40 20	40 19 40 19 40 19	40 19 40 19 40 19	40 19 40 19 40 19	40 19 40 19 40 19	40 19 40 19 40 19
11 Mn	0.5 0.0 0.5 0.5 0.5 329 328 315	328 315 328 315 328 315	328 315 328 315 328 315	328 315 328 315 328 315	328 315 328 315 328 315	328 315 328 315 328 315
12 -	0.5 0.0 1.0 0.0 1.0 299 317 306	317 306 317 306 317 306	317 306 317 306 317 306	317 306 317 306 317 306	317 306 317 306 317 306	317 306 317 306 317 306
13 Ln	0.5 0.5 0.0 0.5 0.5 90 103 104	103 104 103 104 103 104	103 104 103 104 103 104	103 104 103 104 103 104	103 104 103 104 103 104	103 104 103 104 103 104
14 Z	0.5 0.5 0.5 0.5 0.0 - - -	- - -	- - -	- - -	- - -	- - -
15 Vw	0.5 0.5 1.0 0.0 0.5 270 306 298	306 297 306 297 306 297	306 297 306 297 306 297	306 297 306 297 306 297	306 297 306 297 306 297	306 297 306 297 306 297
16 -	0.5 1.0 0.0 0.0 1.0 119 119 124	119 124 119 124 119 124	119 124 119 124 119 124	119 124 119 124 119 124	119 124 119 124 119 124	119 124 119 124 119 124
17 Lw	0.5 1.0 0.5 0.0 0.5 150 136 145	136 146 136 146 136 146	136 146 136 146 136 146	136 146 136 146 136 146	136 146 136 146 136 146	136 146 136 146 136 146
18 Mw	0.5 1.0 1.0 0.0 0.5 210 196 207	196 208 196 208 196 208	196 208 196 208 196 208	196 208 196 208 196 208	196 208 196 208 196 208	196 208 196 208 196 208
19 O	1.0 0.0 0.0 0.0 1.0 30 40 20	40 19 40 19 40 19	40 19 40 19 40 19	40 19 40 19 40 19	40 19 40 19 40 19	40 19 40 19 40 19
20 -	1.0 0.0 0.5 0.0 1.0 0 4 343	4 343 4 343 4 343	4 343 4 343 4 343	4 343 4 343 4 343	4 343 4 343 4 343	4 343 4 343 4 343
21 M	1.0 0.0 1.0 0.0 1.0 329 328 315	328 315 328 315 328 315	328 315 328 315 328 315	328 315 328 315 328 315	328 315 328 315 328 315	328 315 328 315 328 315
22 -	1.0 0.5 0.0 0.0 1.0 60 71 62	71 61 71 61 71 61	71 61 71 61 71 61	71 61 71 61 71 61	71 61 71 61 71 61	71 61 71 61 71 61
23 Ow	1.0 0.5 0.5 0.0 0.5 30 40 20	40 19 40 19 40 19	40 19 40 19 40 19	40 19 40 19 40 19	40 19 40 19 40 19	40 19 40 19 40 19
24 Mw	1.0 0.5 1.0 0.0 0.5 329 328 315	328 315 328 315 328 315	328 315 328 315 328 315	328 315 328 315 328 315	328 315 328 315 328 315	328 315 328 315 328 315
25 Y	1.0 1.0 0.0 0.0 1.0 90 103 104	103 104 103 104 103 104	103 104 103 104 103 104	103 104 103 104 103 104	103 104 103 104 103 104	103 104 103 104 103 104
26 Yw	1.0 1.0 0.5 0.0 0.5 90 103 104	103 104 103 104 103 104	103 104 103 104 103 104	103 104 103 104 103 104	103 104 103 104 103 104	103 104 103 104 103 104
27 W	1.0 1.0 1.0 0.0 0.0 - - -	- - -	- - -	- - -	- - -	- - -

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

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

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

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

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BAM-Prüfvorlage ZG11; Transfer  $olv^*_{30}$ , LCH\*a, nce\*, 4/12  
TLS00, SRS18->ORS18, TLS00, NRS18, SRS18; 27 Farben

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

Für Eingabe  $olv^*_{30}$  (SRS18) und Ausgabe  $H^*_{aim} H^*_{eim}$  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	->SRS18 $olv^*_{30}$	->SRS18 $n^*, c^*, H^*_{si0}$	ORS18 $H^*_{ai1} H^*_{ei1}$	TLS00 $H^*_{ai2} H^*_{ei2}$	NRS18 $H^*_{ai3} H^*_{ei3}$	SRS18 $H^*_{ai4} H^*_{ei4}$
01 N	0.0 0.0 0.0 1.0 0.0 - - -	- - -	- - -	- - -	- - -	- - -
02 Vn	0.0 0.0 0.5 0.5 0.5 270 270 269	270 269 270 269 270 269	270 269 270 269 270 269	270 269 270 269 270 269	270 269 270 269 270 269	270 269 270 269 270 269
03 V	0.0 0.0 1.0 0.0 1.0 270 270 269	270 269 270 269 270 269	270 269 270 269 270 269	270 269 270 269 270 269	270 269 270 269 270 269	270 269 270 269 270 269
04 Ln	0.0 0.5 0.0 0.5 0.5 150 150 162	150 164 150 164 150 164	150 164 150 164 150 164	150 164 150 164 150 164	150 164 150 164 150 164	150 164 150 164 150 164
05 Cn	0.0 0.5 0.5 0.5 0.5 210 210 218	210 219 210 219 210 219	210 219 210 219 210 219	210 219 210 219 210 219	210 219 210 219 210 219	210 219 210 219 210 219
06 -	0.0 0.5 1.0 0.0 1.0 240 240 244	240 244 240 244 240 244	240 244 240 244 240 244	240 244 240 244 240 244	240 244 240 244 240 244	240 244 240 244 240 244
07 L	0.0 1.0 0.0 0.0 1.0 150 150 162	150 164 150 164 150 164	150 164 150 164 150 164	150 164 150 164 150 164	150 164 150 164 150 164	150 164 150 164 150 164
08 -	0.0 1.0 0.5 0.0 1.0 180 180 193	180 195 180 195 180 195	180 195 180 195 180 195	180 195 180 195 180 195	180 195 180 195 180 195	180 195 180 195 180 195
09 C	0.0 1.0 1.0 0.0 1.0 210 210 218	210 219 210 219 210 219	210 219 210 219 210 219	210 219 210 219 210 219	210 219 210 219 210 219	210 219 210 219 210 219
10 On	0.5 0.0 0.0 0.5 0.5 30 30 7	30 6 30 6 30 6	30 6 30 6 30 6	30 6 30 6 30 6	30 6 30 6 30 6	30 6 30 6 30 6
11 Mn	0.5 0.0 0.5 0.5 0.5 330 330 317	330 316 330 316 330 316	330 316 330 316 330 316	330 316 330 316 330 316	330 316 330 316 330 316	330 316 330 316 330 316
12 -	0.5 0.0 1.0 0.0 1.0 300 300 293	300 292 300 292 300 292	300 292 300 292 300 292	300 292 300 292 300 292	300 292 300 292 300 292	300 292 300 292 300 292
13 Ln	0.5 0.5 0.0 0.5 0.5 90 90 87	90 87 90 87 90 87	90 87 90 87 90 87	90 87 90 87 90 87	90 87 90 87 90 87	90 87 90 87 90 87
14 Z	0.5 0.5 0.5 0.5 0.0 - - -	- - -	- - -	- - -	- - -	- - -
15 Vw	0.5 0.5 1.0 0.0 0.5 270 270 269	270 269 270 269 270 269	270 269 270 269 270 269	270 269 270 269 270 269	270 269 270 269 270 269	270 269 270 269 270 269
16 -	0.5 1.0 0.0 0.0 1.0 120 120 125	120 126 120 126 120 126	120 126 120 126 120 126	120 126 120 126 120 126	120 126 120 126 120 126	120 126 120 126 120 126
17 Lw	0.5 1.0 0.5 0.0 0.5 150 150 162	150 164 150 164 150 164	150 164 150 164 150 164	150 164 150 164 150 164	150 164 150 164 150 164	150 164 150 164 150 164
18 Mw	0.5 1.0 1.0 0.0 0.5 210 210 218	210 219 210 219 210 219	210 219 210 219 210 219	210 219 210 219 210 219	210 219 210 219 210 219	210 219 210 219 210 219
19 O	1.0 0.0 0.0 0.0 1.0 30 30 7	30 6 30 6 30 6	30 6 30 6 30 6	30 6 30 6 30 6	30 6 30 6 30 6	30 6 30 6 30 6
20 -	1.0 0.0 0.5 0.0 1.0 0 0 340	0 340 0 340 0 340	0 340 0 340 0 340	0 340 0 340 0 340	0 340 0 340 0 340	0 340 0 340 0 340
21 M	1.0 0.0 1.0 0.0 1.0 330 330 317	330 316 330 316 330 316	330 316 330 316 330 316	330 316 330 316 330 316	330 316 330 316 330 316	330 316 330 316 330 316
22 -	1.0 0.5 0.0 0.0 1.0 60 60 47	60 46 60 46 60 46	60 46 60 46 60 46	60 46 60 46 60 46	60 46 60 46 60 46	60 46 60 46 60 46
23 Ow	1.0 0.5 0.5 0.0 0.5 30 30 7	30 6 30 6 30 6	30 6 30 6 30 6	30 6 30 6 30 6	30 6 30 6 30 6	30 6 30 6 30 6
24 Mw	1.0 0.5 1.0 0.0 0.5 330 330 317	330 316 330 316 330 316	330 316 330 316 330 316	330 316 330 316 330 316	330 316 330 316 330 316	330 316 330 316 330 316
25 Y	1.0 1.0 0.0 0.0 1.0 90 90 87	90 87 90 87 90 87	90 87 90 87 90 87	90 87 90 87 90 87	90 87 90 87 90 87	90 87 90 87 90 87
26 Yw	1.0 1.0 0.5 0.0 0.5 90 90 87	90 87 90 87 90 87	90 87 90 87 90 87	90 87 90 87 90 87	90 87 90 87 90 87	90 87 90 87 90 87
27 W	1.0 1.0 1.0 0.0 0.0 - - -	- - -	- - -	- - -	- - -	- - -

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

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

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

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

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

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

Für Eingabe  $LCH^*_{a0}$  (TLS00) und Ausgabe  $olv^*_{3m}$  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	->TLS00 $LCH^*_{a0}$	->TLS00 $n^*, c^*, H^*_{ai0}$	ORS18 $olv^*_{31}$	TLS00 $olv^*_{32}$	NRS18 $olv^*_{33}$	SRS18 $olv^*_{34}$
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 Vn	15.3 23.9 306.0	0.5 0.5 306	0.01 0.0 0.5	0.0 0.0 0.5	0.3 0.0 0.5	0.3 0.0 0.5
03 V	30.5 47.8 306.0	0.0 1.0 306	0.02 0.0 1.0	0.0 0.0 1.0	0.6 0.0 1.0	0.6 0.0 1.0
04 Ln	41.8 46.5 136.0	0.5 0.5 136	0.14 0.5 0.0	0.0 0.5 0.0	0.19 0.5 0.0	0.12 0.5 0.0
05 Cn	43.4 57.3 196.0	0.5 0.5 196	0.0 0.5 0.26	0.0 0.5 0.5	0.0 0.5 0.31	0.0 0.5 0.38
06 -	58.8 27.6 251.0	0.0 1.0 251	0.0 0.78 1.0	0.0 0.5 1.0	0.0 0.38 1.0	0.0 0.32 1.0
07 L	83.6 93.1 136.0	0.0 1.0 136	0.27 1.0 0.0	0.0 0.0 1.0	0.38 1.0 0.0	0.23 1.0 0.0
08 -	85.2 99.4 166.0	0.0 1.0 166	0.0 0.18 0.0	1.0 0.5 0.0	1.0 0.07 0.0	1.0 0.27 0.0
09 C	86.9 115 196.0	0.0 1.0 196	0.0 0.53 0.0	1.0 0.99 0.0	1.0 0.62 0.0	1.0 0.77 0.0
10 On	25.3 55.5 40	0.5 0.5 40	0.5 0.02 0.0	0.5 0.0 0.5	0.11 0.0 0.5	0.08 0.0 0.5
11 Mn	28.5 64.2 328.0	0.5 0.5 328	0.24 0.0 0.5	0.49 0.0 0.5	0.49 0.0 0.5	0.48 0.0 0.5
12 -	43.5 126 317.0	0.0 1.0 317	0.25 0.0 1.0	0.49 0.0 1.0	0.8 0.0 1.0	0.78 0.0 1.0
13 Ln	46.3 46.5 103.0	0.5 0.5 103	0.44 0.5 0.0	0.5 0.5 0.0	0.42 0.5 0.0	0.39 0.5 0.0
14 Z	47.7 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	63.0 23.9 306.0	0.0 0.5 306	0.51 0.5 1.0	0.5 0.5 1.0	0.8 0.5 1.0	0.8 0.5 1.0
16 -	88.3 89.2 119.0	0.0 1.0 119	0.59 1.0 0.0	0.51 1.0 0.0	0.62 1.0 0.0	0.52 1.0 0.0
17 Lw	89.5 46.5 136.0	0.0 0.5 136	0.64 1.0 0.5	0.5 0.5 1.0	0.69 1.0 0.5	0.62 1.0 0.5
18 Mw	91.1 57.3 196.0	0.0 0.5 196	0.5 1.0 0.76	0.5 1.0 0.5	1.0 0.81 0.5	1.0 0.88 0.5
19 O	50.5 111 40	0.0 1.0 40	1.0 0.04 0.0	1.0 0.0 0.0	1.0 0.22 0.0	1.0 0.17 0.0
20 -	53.9 89.9 4	0.0 1.0 4	1.0 0.0 0.77	1.0 0.0 0.5	1.0 0.0 0.38	1.0 0.0 0.43
21 M	57.0 128 328.0	0.0 1.0 328	0.47 0.0 1.0	0.99 0.0 1.0	0.99 0.0 1.0	0.97 0.0 1.0
22 -	71.3 85.7 71	0.0 1.0 71	1.0 0.57 0.0	1.0 0.49 0.0	1.0 0.68 0.0	1.0 0.68 0.0
23 Ow	73.0 55.5 40	0.0 0.5 40	1.0 0.52 0.5	1.0 0.5 0.5	1.0 0.61 0.5	1.0 0.58 0.5
24 Mw	76.2 64.2 328.0	0.0 0.5 328	0.74 0.5 1.0	0.99 0.5 1.0	0.99 0.5 1.0	0.98 0.5 1.0
25 Y	92.6 93.0 103.0	0.0 1.0 103	0.88 1.0 0.0	1.0 1.0 0.0	0.85 1.0 0.0	0.78 1.0 0.0
26 Yw	94.0 46.5 103.0	0.0 0.5 103	0.94 1.0 0.5	1.0 1.0 0.5	0.92 1.0 0.5	0.89 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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### Farbmetrische Daten für Systemketten SRS18 -> ORS18, TLS00, NRS18, SRS18

Für Eingabe  $LCH^*_{a0}$  (SRS18) und Ausgabe  $olv^*_{3m}$  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	->SRS18 $LCH^*_{a0}$	->SRS18 $n^*, c^*, H^*_{ai0}$	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	37.4 38.7 270.0	0.5 0.5 270	0.0 0.25 0.5	0.0 0.17 0.5	0.0 0.02 0.5	0.0 0.0 0.5
03 V	56.7 77.4 270.0	0.0 1.0 270	0.0 0.51 1.0	0.0 0.33 1.0	0.0 0.03 1.0	0.0 0.0 1.0
04 Ln	37.4 38.7 150.0	0.5 0.5 150	0.01 0.5 0.0	0.0 0.5 0.12	0.09 0.5 0.0	0.0 0.0 0.5
05 Cn	37.4 38.7 210.0	0.5 0.5 210	0.0 0.5 0.35	0.0 0.44 0.5	0.0 0.5 0.44	0.0 0.5 0.5
06 -	56.7 67.0 240.0	0.0 1.0 240	0.0 0.94 1.0	0.0 0.6 1.0	0.0 0.58 1.0	0.0 0.5 1.0
07 L	56.7 77.4 150.0	0.0 1.0 150	0.02 1.0 0.0	0.0 1.0 0.23	0.17 1.0 0.0	0.0 1.0 0.0
08 -	56.7 67.0 180.0	0.0 1.0 180	0.0 1.0 0.34	0.0 1.0 0.73	0.0 1.0 0.32	0.0 1.0 0.5
09 C	56.7 77.4 210.0	0.0 1.0 210	0.0 1.0 0.69	0.0 0.88 1.0	0.0 1.0 0.87	0.0 1.0 1.0
10 On	37.4 38.7 30	0.5 0.5 30	0.5 0.0 0.09	0.5 0.0 0.07	0.5 0.03 0.5	0.0 0.5 0.0
11 Mn	37.4 38.7 330.0	0.5 0.5 330	0.26 0.0 0.5	0.5 0.0 0.49	0.5 0.0 0.49	0.5 0.0 0.5
12 -	56.7 67.0 300.0	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
13 Ln	37.4 38.7 90	0.5 0.5 90	0.5 0.45 0.0	0.5 0.4 0.0	0.5 0.48 0.0	0.5 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	76.1 38.7 270.0	0.0 0.5 270	0.5 0.75 1.0	0.5 0.67 1.0	0.5 0.52 1.0	0.5 0.5 1.0
16 -	56.7 67.0 120.0	0.0 1.0 120	0.57 1.0 0.0	0.48 1.0 0.0	0.6 1.0 0.0	0.5 1.0 0.0
17 Lw	76.1 38.7 150.0	0.0 0.5 150	0.51 1.0 0.5	0.5 1.0 0.62	0.59 1.0 0.5	0.5 1.0 0.5
18 Mw	76.1 38.7 210.0	0.0 0.5 210	0.5 1.0 0.85	0.5 0.94 1.0	0.5 1.0 0.94	0.5 1.0 1.0
19 O	56.7 77.4 30	0.0 1.0 30	1.0 0.0 0.17	1.0 0.0 0.14	1.0 0.07 0.0	1.0 0.0 0.0
20 -	56.7 67.0 0	0.0 1.0 0	1.0 0.0 0.86	1.0 0.0 0.56	1.0 0.0 0.45	1.0 0.0 0.5
21 M	56.7 77.4 330.0	0.0 1.0 330	0.51 0.0 1.0	1.0 0.0 0.98	1.0 0.0 0.98	1.0 0.0 1.0
22 -	56.7 67.0 60	0.0 1.0 60	1.0 0.38 0.0	1.0 0.32 0.0	1.0 0.52 0.0	1.0 0.5 0.0
23 Ow	76.1 38.7 30	0.0 0.5 30	1.0 0.5 0.59	1.0 0.5 0.57	1.0 0.53 0.5	1.0 0.5 0.5
24 Mw	76.1 38.7 330.0	0.0 0.5 330	0.76 0.5 1.0	1.0 0.5 0.99	1.0 0.5 0.99	1.0 0.5 1.0
25 Y	56.7 77.4 90	0.0 1.0 90	1.0 0.89 0.0	1.0 0.8 0.0	1.0 0.97 0.0	1.0 1.0 0.0
26 Yw	76.1 38.7 90	0.0 0.5 90	1.0 0.95 0.5	1.0 0.9 0.5	1.0 0.98 0.5	1.0 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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## Farbmetrische Daten für Systemketten TLS00 -&gt; ORS18, TLS00, NRS18, SRS18

Für Eingabe  $LCH^*_{a0}$  (TLS00) 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	->TLS00 $LCH^*_{a0}$	->TLS00 $n^*, c^*, H^*_{ai0}$	ORS18 $LCH^*_{a,M1}$	TLS00 $LCH^*_{a,M2}$	NRS18 $LCH^*_{a,M3}$	SRS18 $LCH^*_{a,M4}$
01 N	0.0 0.0 -	1.0 0.0 -	48.1 71.7 -	53.9 89.9 -	56.7 68.6 -	56.7 67.2 -
02 Vn	15.3 23.9 306.0 0.5 0.5	306 26.2 53.8 306	30.5 47.8 306	56.7 68.4 306	56.7 67.4 306	
03 V	30.5 47.8 306.0 0.0 1.0	306 26.2 53.8 306	30.5 47.8 306	56.7 68.4 306	56.7 67.4 306	
04 Ln	41.8 46.5 136.0 0.5 0.5	136 61.7 84.0 136	83.6 93.1 136	56.7 64.2 136	56.7 69.7 136	
05 Cn	43.4 57.3 196.0 0.5 0.5	196 55.0 53.0 196	86.9 115 196	56.7 69.1 196	56.7 69.7 196	
06 -	58.8 27.6 251.0 0.0 1.0	251 51.5 47.5 251	58.8 27.6 251	56.7 69.2 251	56.7 68.3 251	
07 L	83.6 93.1 136.0 0.0 1.0	136 61.7 84.0 136	83.6 93.1 136	56.7 64.2 136	56.7 69.7 136	
08 -	85.2 99.4 166.0 0.0 1.0	166 52.3 59.7 166	85.2 99.4 166	56.7 75.0 166	56.7 69.1 166	
09 C	86.9 115 196.0 0.0 1.0	196 55.0 53.0 196	86.9 115 196	56.7 69.1 196	56.7 69.7 196	
10 On	25.3 55.5 40 0.5 0.5	40 49.6 80.9 40	50.5 111 40	56.7 68.3 40	56.7 71.3 40	
11 Mn	28.5 64.2 328.0 0.5 0.5	328 36.3 49.4 328	57.0 128 328	56.7 76.9 328	56.7 75.9 328	
12 -	43.5 126 317.0 0.0 1.0	317 31.2 50.6 317	43.5 126 317	56.7 71.1 317	56.7 70.1 317	
13 Ln	46.3 46.5 103.0 0.5 0.5	103 85.6 87.7 103	92.6 93.0 103	56.7 69.6 103	56.7 70.1 103	
14 Z	47.7 0.0 - 0.5 0.0 -	48.1 71.7 -	53.9 89.9 -	56.7 68.6 -	56.7 67.2 -	
15 Vw	63.0 23.9 306.0 0.0 0.5	306 26.2 53.8 306	30.5 47.8 306	56.7 68.4 306	56.7 67.4 306	
16 -	88.3 89.2 119.0 0.0 1.0	119 74.0 82.3 119	88.3 89.2 119	56.7 64.1 119	56.7 67.0 119	
17 Lw	89.5 46.5 136.0 0.0 0.5	136 61.7 84.0 136	83.6 93.1 136	56.7 64.2 136	56.7 69.7 136	
18 Mw	91.1 57.3 196.0 0.0 0.5	196 55.0 53.0 196	86.9 115 196	56.7 69.1 196	56.7 69.7 196	
19 O	50.5 111 40 0.0 1.0	40 49.6 80.9 40	50.5 111 40	56.7 68.3 40	56.7 71.3 40	
20 -	53.9 89.9 4 0.0 1.0	4 48.1 71.7 4	53.9 89.9 4	56.7 68.6 4	56.7 67.2 4	
21 M	57.0 128 328.0 0.0 1.0	328 36.3 49.4 328	57.0 128 328	56.7 76.9 328	56.7 75.9 328	
22 -	71.3 85.7 71 0.0 1.0	71 72.0 72.2 71	71.3 85.7 71	56.7 66.1 71	56.7 68.3 71	
23 Ow	73.0 55.5 40 0.0 0.5	40 49.6 80.9 40	50.5 111 40	56.7 68.3 40	56.7 71.3 40	
24 Mw	76.2 64.2 328.0 0.0 0.5	328 36.3 49.4 328	57.0 128 328	56.7 76.9 328	56.7 75.9 328	
25 Y	92.6 93.0 103.0 0.0 1.0	103 85.6 87.7 103	92.6 93.0 103	56.7 69.6 103	56.7 70.1 103	
26 Yw	94.0 46.5 103.0 0.0 0.5	103 85.6 87.7 103	92.6 93.0 103	56.7 69.6 103	56.7 70.1 103	
27 W	95.4 0.0 - 0.0 0.0 -	48.1 71.7 -	53.9 89.9 -	56.7 68.6 -	56.7 67.2 -	

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

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## Farbmetrische Daten für Systemketten SRS18 -&gt; ORS18, TLS00, NRS18, SRS18

Für Eingabe  $LCH^*_{a0}$  (SRS18) 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	->SRS18 $LCH^*_{a0}$	->SRS18 $n^*, c^*, H^*_{ai0}$	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 72.9 -	54.3 90.1 -	56.7 68.2 -	56.7 67.0 -
02 Vn	37.4 38.7 270.0 0.5 0.5	270 42.4 44.8 270	49.0 29.2 270	56.7 76.2 270	56.7 77.4 270	
03 V	56.7 77.4 270.0 0.0 1.0	270 42.4 44.8 270	49.0 29.2 270	56.7 76.2 270	56.7 77.4 270	
04 Ln	37.4 38.7 150.0 0.5 0.5	150 51.6 91.6 150	84.4 104 150	56.7 68.8 150	56.7 77.4 150	
05 Cn	37.4 38.7 210.0 0.5 0.5	210 56.3 55.3 210	79.9 36.8 210	56.7 73.3 210	56.7 77.4 210	
06 -	56.7 67.0 240.0 0.0 1.0	240 56.7 51.9 240	64.5 28.2 240	56.7 68.9 240	56.7 67.0 240	
07 L	56.7 77.4 150.0 0.0 1.0	150 51.6 91.6 150	84.4 104 150	56.7 68.8 150	56.7 77.4 150	
08 -	56.7 67.0 180.0 0.0 1.0	180 53.5 54.5 180	86.0 102 180	56.7 69.7 180	56.7 67.0 180	
09 C	56.7 77.4 210.0 0.0 1.0	210 56.3 55.3 210	79.9 36.8 210	56.7 73.3 210	56.7 77.4 210	
10 On	37.4 38.7 30 0.5 0.5	30 48.0 72.5 30	51.4 99.9 30	56.7 73.8 30	56.7 77.4 30	
11 Mn	37.4 38.7 330.0 0.5 0.5	330 37.2 49.4 330	57.1 109 330	56.7 76.4 330	56.7 77.4 330	
12 -	56.7 67.0 300.0 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 Ln	37.4 38.7 90 0.5 0.5	90 85.8 78.2 90	84.0 90.4 90	56.7 75.5 90	56.7 77.4 90	
14 Z	56.7 0.0 - 0.5 0.0 -	48.1 72.9 -	54.3 90.1 -	56.7 68.2 -	56.7 67.0 -	
15 Vw	76.1 38.7 270.0 0.0 0.5	270 42.4 44.8 270	49.0 29.2 270	56.7 76.2 270	56.7 77.4 270	
16 -	56.7 67.0 120.0 0.0 1.0	120 73.3 82.2 120	88.0 89.2 120	56.7 63.9 120	56.7 67.0 120	
17 Lw	76.1 38.7 150.0 0.0 0.5	150 51.6 91.6 150	84.4 104 150	56.7 68.8 150	56.7 77.4 150	
18 Mw	76.1 38.7 210.0 0.0 0.5	210 56.3 55.3 210	79.9 36.8 210	56.7 73.3 210	56.7 77.4 210	
19 O	56.7 77.4 30 0.0 1.0	30 48.0 72.5 30	51.4 99.9 30	56.7 73.8 30	56.7 77.4 30	
20 -	56.7 67.0 0 0.0 1.0	0 48.1 72.9 0	54.3 90.1 0	56.7 68.2 0	56.7 67.0 0	
21 M	56.7 77.4 330.0 0.0 1.0	330 37.2 49.4 330	57.1 109 330	56.7 76.4 330	56.7 77.4 330	
22 -	56.7 67.0 60 0.0 1.0	60 64.1 72.6 60	63.9 87.4 60	56.7 64.6 60	56.7 67.0 60	
23 Ow	76.1 38.7 30 0.0 0.5	30 48.0 72.5 30	51.4 99.9 30	56.7 73.8 30	56.7 77.4 30	
24 Mw	76.1 38.7 330.0 0.0 0.5	330 37.2 49.4 330	57.1 109 330	56.7 76.4 330	56.7 77.4 330	
25 Y	56.7 77.4 90 0.0 1.0	90 85.8 78.2 90	84.0 90.4 90	56.7 75.5 90	56.7 77.4 90	
26 Yw	76.1 38.7 90 0.0 0.5	90 85.8 78.2 90	84.0 90.4 90	56.7 75.5 90	56.7 77.4 90	
27 W	95.4 0.0 - 0.0 0.0 -	48.1 72.9 -	54.3 90.1 -	56.7 68.2 -	56.7 67.0 -	

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

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

Für Eingabe  $LCH^*_{a0}$  (TLS00) und Ausgabe  $LCH^*_{am}$  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	->TLS00 $LCH^*_{a0}$	->TLS00 $n^*, c^*, H^*_{ai0}$	ORS18 $LCH^*_{a1}$	TLS00 $LCH^*_{a2}$	NRS18 $LCH^*_{a3}$	SRS18 $LCH^*_{a4}$
01 N	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	15.3 23.9 306 0.5 0.5	306 22.1 26.9 306	15.3 23.9 306	37.4 34.2 306	37.4 33.7 306	
03 V	30.5 47.8 306 0.0 1.0	306 26.2 53.8 306	30.5 47.8 306	56.7 68.4 306	56.7 67.4 306	
04 Ln	41.8 46.5 136 0.5 0.5	136 39.9 42.0 136	41.8 46.5 136	37.4 32.1 136	37.4 34.9 136	
05 Cn	43.4 57.3 196 0.5 0.5	196 36.5 26.5 196	43.4 57.3 196	37.4 34.6 196	37.4 34.9 196	
06 -	58.8 27.6 251 0.0 1.0	251 51.5 47.5 251	58.8 27.6 251	56.7 69.2 251	56.7 68.3 251	
07 L	83.6 93.1 136 0.0 1.0	136 61.7 84.0 136	83.6 93.1 136	56.7 64.2 136	56.7 69.7 136	
08 -	85.2 99.4 166 0.0 1.0	166 52.3 59.7 166	85.2 99.4 166	56.7 75.0 166	56.7 69.1 166	
09 C	86.9 115 196 0.0 1.0	196 55.0 53.0 196	86.9 115 196	56.7 69.1 196	56.7 69.7 196	
10 On	25.3 55.5 40 0.5 0.5	40 33.8 40.4 40	25.3 55.5 40	37.4 34.1 40	37.4 35.7 40	
11 Mn	28.5 64.2 328 0.5 0.5	328 27.2 24.7 328	28.5 64.2 328	37.4 38.5 328	37.4 38.0 328	
12 -	43.5 126 317 0.0 1.0	317 31.2 50.6 317	43.5 126 317	56.7 71.1 317	56.7 70.1 317	
13 Ln	46.3 46.5 103 0.5 0.5	103 51.8 43.9 103	46.3 46.5 103	37.4 34.8 103	37.4 35.0 103	
14 Z	47.7 0.0 -	0.5 0.0 -	56.7 0.0 -	47.7 0.0 -	56.7 0.0 -	
15 Vw	63.0 23.9 306 0.0 0.5	306 60.8 26.9 306	63.0 23.9 306	76.1 34.2 306	76.1 33.7 306	
16 -	88.3 89.2 119 0.0 1.0	119 74.0 82.3 119	88.3 89.2 119	56.7 64.1 119	56.7 67.0 119	
17 Lw	89.5 46.5 136 0.0 0.5	136 78.6 42.0 136	89.5 46.5 136	76.1 32.1 136	76.1 34.9 136	
18 Mw	91.1 57.3 196 0.0 0.5	196 75.2 26.5 196	91.1 57.3 196	76.1 34.6 196	76.1 34.9 196	
19 O	50.5 111 40 0.0 1.0	40 49.6 80.9 40	50.5 111 40	56.7 68.3 40	56.7 71.3 40	
20 -	53.9 89.9 4 0.0 1.0	4 48.1 71.7 4	53.9 89.9 4	56.7 68.6 4	56.7 67.2 4	
21 M	57.0 128 328 0.0 1.0	328 36.3 49.4 328	57.0 128 328	56.7 76.9 328	56.7 75.9 328	
22 -	71.3 85.7 71 0.0 1.0	71 72.0 72.2 71	71.3 85.7 71	56.7 66.1 71	56.7 68.3 71	
23 Ow	73.0 55.5 40 0.0 0.5	40 72.5 40.4 40	73.0 55.5 40	76.1 34.1 40	76.1 35.7 40	
24 Mw	76.2 64.2 328 0.0 0.5	328 65.9 24.7 328	76.2 64.2 328	76.1 38.5 328	76.1 38.0 328	
25 Y	92.6 93.0 103 0.0 1.0	103 85.6 87.7 103	92.6 93.0 103	56.7 69.6 103	56.7 70.1 103	
26 Yw	94.0 46.5 103 0.0 0.5	103 90.5 43.9 103	94.0 46.5 103	76.1 34.8 103	76.1 35.0 103	
27 W	95.4 0.0 -	0.0 0.0 -	95.4 0.0 -	95.4 0.0 -	95.4 0.0 -	

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

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

Für Eingabe  $LCH^*_{a0}$  (SRS18) und Ausgabe  $LCH^*_{am}$  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	->SRS18 $LCH^*_{a0}$	->SRS18 $n^*, c^*, H^*_{ai0}$	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	37.4 38.7 270 0.5 0.5	270 30.2 22.4 270	37.4 38.1 270	37.4 38.7 270	37.4 38.7 270	
03 V	56.7 77.4 270 0.0 1.0	270 42.4 44.8 270	56.7 76.2 270	56.7 77.4 270	56.7 77.4 270	
04 Ln	37.4 38.7 150 0.5 0.5	150 34.8 45.8 150	42.2 51.8 150	37.4 34.4 150	37.4 38.7 150	
05 Cn	37.4 38.7 210 0.5 0.5	210 37.1 27.6 210	39.9 18.4 210	37.4 36.7 210	37.4 38.7 210	
06 -	56.7 67.0 240 0.0 1.0	240 56.7 51.9 240	64.5 28.2 240	56.7 68.9 240	56.7 67.0 240	
07 L	56.7 77.4 150 0.0 1.0	150 51.6 91.6 150	84.4 104 150	56.7 68.8 150	56.7 77.4 150	
08 -	56.7 67.0 180 0.0 1.0	180 53.5 54.5 180	86.0 102 180	56.7 69.7 180	56.7 67.0 180	
09 C	56.7 77.4 210 0.0 1.0	210 56.3 55.3 210	79.9 36.8 210	56.7 73.3 210	56.7 77.4 210	
10 On	37.4 38.7 30 0.5 0.5	30 33.0 36.2 30	25.7 50.0 30	37.4 36.9 30	37.4 38.7 30	
11 Mn	37.4 38.7 330 0.5 0.5	330 27.6 24.7 330	28.6 54.3 330	37.4 38.2 330	37.4 38.7 330	
12 -	56.7 67.0 300 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 Ln	37.4 38.7 90 0.5 0.5	90 51.9 39.1 90	42.0 45.2 90	37.4 37.7 90	37.4 38.7 90	
14 Z	56.7 0.0 -	0.5 0.0 -	56.7 0.0 -	47.7 0.0 -	56.7 0.0 -	
15 Vw	76.1 38.7 270 0.0 0.5	270 68.9 22.4 270	72.2 14.6 270	76.1 38.1 270	76.1 38.7 270	
16 -	56.7 67.0 120 0.0 1.0	120 73.3 82.2 120	88.0 89.2 120	56.7 63.9 120	56.7 67.0 120	
17 Lw	76.1 38.7 150 0.0 0.5	150 73.5 45.8 150	89.9 51.8 150	76.1 34.4 150	76.1 38.7 150	
18 Mw	76.1 38.7 210 0.0 0.5	210 75.8 27.6 210	87.6 18.4 210	76.1 36.7 210	76.1 38.7 210	
19 O	56.7 77.4 30 0.0 1.0	30 48.0 72.5 30	51.4 99.9 30	56.7 73.8 30	56.7 77.4 30	
20 -	56.7 67.0 0 0.0 1.0	0 48.1 72.9 0	54.3 90.1 0	56.7 68.2 0	56.7 67.0 0	
21 M	56.7 77.4 330 0.0 1.0	330 37.2 49.4 330	57.1 109 330	56.7 76.4 330	56.7 77.4 330	
22 -	56.7 67.0 60 0.0 1.0	60 64.1 72.6 60	63.9 87.4 60	56.7 64.6 60	56.7 67.0 60	
23 Ow	76.1 38.7 30 0.0 0.5	30 71.7 36.2 30	73.4 50.0 30	76.1 36.9 30	76.1 38.7 30	
24 Mw	76.1 38.7 330 0.0 0.5	330 66.3 24.7 330	76.3 54.3 330	76.1 38.2 330	76.1 38.7 330	
25 Y	56.7 77.4 90 0.0 1.0	90 85.8 78.2 90	84.0 90.4 90	56.7 75.5 90	56.7 77.4 90	
26 Yw	76.1 38.7 90 0.0 0.5	90 90.6 39.1 90	89.7 45.2 90	76.1 37.7 90	76.1 38.7 90	
27 W	95.4 0.0 -	0.0 0.0 -	95.4 0.0 -	95.4 0.0 -	95.4 0.0 -	

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

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

Für Eingabe  $LCH^*_{a0}$  (TLS00) und Ausgabe  $H^*_{aim} H^*_{eim}$  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	->TLS00 $LCH^*_{a0}$	->TLS00 $n^*, c^*, H^*_{ai0}$	ORS18 $H^*_{ai1} H^*_{ei1}$	TLS00 $H^*_{ai2} H^*_{ei2}$	NRS18 $H^*_{ai3} H^*_{ei3}$	SRS18 $H^*_{ai4} H^*_{ei4}$
01 N	0.0 0.0 -	1.0 0.0 -	-	-	-	-
02 Vn	15.3 23.9 306.0	0.5 0.5 306	306 298	306 297	306 297	306 297
03 V	30.5 47.8 306.0	0.0 1.0 306	306 298	306 297	306 297	306 297
04 Ln	41.8 46.5 136.0	0.5 0.5 136	136 145	136 146	136 146	136 146
05 Cn	43.4 57.3 196.0	0.5 0.5 196	196 207	196 208	196 208	196 208
06 -	58.8 27.6 251.0	0.0 1.0 251	251 253	251 253	251 253	251 253
07 L	83.6 93.1 136.0	0.0 1.0 136	136 145	136 146	136 146	136 146
08 -	85.2 99.4 166.0	0.0 1.0 166	166 181	166 183	166 183	166 183
09 C	86.9 115 196.0	0.0 1.0 196	196 207	196 208	196 208	196 208
10 On	25.3 55.5 40	0.5 0.5 40	40 20	40 19	40 19	40 19
11 Mn	28.5 64.2 328.0	0.5 0.5 328	328 315	328 315	328 315	328 315
12 -	43.5 126 317.0	0.0 1.0 317	317 306	317 306	317 306	317 306
13 Ln	46.3 46.5 103.0	0.5 0.5 103	103 104	103 104	103 104	103 104
14 Z	47.7 0.0 -	0.5 0.0 -	-	-	-	-
15 Vw	63.0 23.9 306.0	0.0 0.5 306	306 298	306 297	306 297	306 297
16 -	88.3 89.2 119.0	0.0 1.0 119	119 124	119 124	119 124	119 124
17 Lw	89.5 46.5 136.0	0.0 0.5 136	136 145	136 146	136 146	136 146
18 Mw	91.1 57.3 196.0	0.0 0.5 196	196 207	196 208	196 208	196 208
19 O	50.5 111 40	0.0 1.0 40	40 20	40 19	40 19	40 19
20 -	53.9 89.9 4	0.0 1.0 4	4 343	4 343	4 343	4 343
21 M	57.0 128 328.0	0.0 1.0 328	328 315	328 315	328 315	328 315
22 -	71.3 85.7 71	0.0 1.0 71	71 62	71 61	71 61	71 61
23 Ow	73.0 55.5 40	0.0 0.5 40	40 20	40 19	40 19	40 19
24 Mw	76.2 64.2 328.0	0.0 0.5 328	328 315	328 315	328 315	328 315
25 Y	92.6 93.0 103.0	0.0 1.0 103	103 104	103 104	103 104	103 104
26 Yw	94.0 46.5 103.0	0.0 0.5 103	103 104	103 104	103 104	103 104
27 W	95.4 0.0 -	0.0 0.0 -	-	-	-	-

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

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

Für Eingabe  $LCH^*_{a0}$  (SRS18) und Ausgabe  $H^*_{aim} H^*_{eim}$  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	->SRS18 $LCH^*_{a0}$	->SRS18 $n^*, c^*, H^*_{ai0}$	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	37.4 38.7 270.0	0.5 0.5 270	270 269	270 269	270 269	270 269
03 V	56.7 77.4 270.0	0.0 1.0 270	270 269	270 269	270 269	270 269
04 Ln	37.4 38.7 150.0	0.5 0.5 150	150 162	150 164	150 164	150 164
05 Cn	37.4 38.7 210.0	0.5 0.5 210	210 218	210 219	210 219	210 219
06 -	56.7 67.0 240.0	0.0 1.0 240	240 244	240 244	240 244	240 244
07 L	56.7 77.4 150.0	0.0 1.0 150	150 162	150 164	150 164	150 164
08 -	56.7 67.0 180.0	0.0 1.0 180	180 193	180 195	180 195	180 195
09 C	56.7 77.4 210.0	0.0 1.0 210	210 218	210 219	210 219	210 219
10 On	37.4 38.7 30	0.5 0.5 30	30 7	30 6	30 6	30 6
11 Mn	37.4 38.7 330.0	0.5 0.5 330	330 317	330 316	330 316	330 316
12 -	56.7 67.0 300.0	0.0 1.0 300	300 293	300 292	300 292	300 292
13 Ln	37.4 38.7 90	0.5 0.5 90	90 87	90 87	90 87	90 87
14 Z	56.7 0.0 -	0.5 0.0 -	-	-	-	-
15 Vw	76.1 38.7 270.0	0.0 0.5 270	270 269	270 269	270 269	270 269
16 -	56.7 67.0 120.0	0.0 1.0 120	120 125	120 126	120 126	120 126
17 Lw	76.1 38.7 150.0	0.0 0.5 150	150 162	150 164	150 164	150 164
18 Mw	76.1 38.7 210.0	0.0 0.5 210	210 218	210 219	210 219	210 219
19 O	56.7 77.4 30	0.0 1.0 30	30 7	30 6	30 6	30 6
20 -	56.7 67.0 0	0.0 1.0 0	0 340	0 340	0 340	0 340
21 M	56.7 77.4 330.0	0.0 1.0 330	330 317	330 316	330 316	330 316
22 -	56.7 67.0 60	0.0 1.0 60	60 47	60 46	60 46	60 46
23 Ow	76.1 38.7 30	0.0 0.5 30	30 7	30 6	30 6	30 6
24 Mw	76.1 38.7 330.0	0.0 0.5 330	330 317	330 316	330 316	330 316
25 Y	56.7 77.4 90	0.0 1.0 90	90 87	90 87	90 87	90 87
26 Yw	76.1 38.7 90	0.0 0.5 90	90 87	90 87	90 87	90 87
27 W	95.4 0.0 -	0.0 0.0 -	-	-	-	-

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

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

Für Eingabe  $nce^*_{30}$  (TLS00) und Ausgabe  $olv^*_{3m}$  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	->TLS00 $nce^*_{30}$	->TLS00 $n^*, c^*, H^*_{ei0}$	ORS18 $olv^*_{31}$	TLS00 $olv^*_{32}$	NRS18 $olv^*_{33}$	SRS18 $olv^*_{34}$
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
02 Vn	0.5 0.5 0.83	0.5 0.5 297	0.01 0.0 0.5	0.0 0.0 0.5	0.3 0.0 0.5	0.3 0.0 0.5
03 V	0.0 1.0 0.83	0.0 1.0 297	0.02 0.0 1.0	0.0 0.0 1.0	0.6 0.0 1.0	0.6 0.0 1.0
04 Ln	0.5 0.5 0.41	0.5 0.5 146	0.14 0.5 0.0	0.0 0.5 0.0	0.19 0.5 0.0	0.12 0.5 0.0
05 Cn	0.5 0.5 0.58	0.5 0.5 208	0.0 0.5 0.26	0.0 0.5 0.5	0.0 0.5 0.31	0.0 0.5 0.38
06 -	0.0 1.0 0.7	0.0 1.0 253	0.0 0.78 1.0	0.0 0.5 1.0	0.0 0.38 1.0	0.0 0.32 1.0
07 L	0.0 1.0 0.41	0.0 1.0 146	0.27 1.0 0.0	0.0 0.0 1.0	0.38 1.0 0.0	0.23 1.0 0.0
08 -	0.0 1.0 0.51	0.0 1.0 183	0.0 1.0 0.18	0.0 1.0 0.5	0.0 1.0 0.07	0.0 1.0 0.27
09 C	0.0 1.0 0.58	0.0 1.0 208	0.0 1.0 0.53	0.0 1.0 0.99	0.0 1.0 0.62	0.0 1.0 0.77
10 On	0.5 0.5 0.05	0.5 0.5 19	0.5 0.02 0.0	0.5 0.0 0.5	0.11 0.0 0.5	0.08 0.0 0.5
11 Mn	0.5 0.5 0.88	0.5 0.5 315	0.24 0.0 0.5	0.49 0.0 0.5	0.49 0.0 0.5	0.48 0.0 0.5
12 -	0.0 1.0 0.85	0.0 1.0 306	0.25 0.0 1.0	0.49 0.0 1.0	0.8 0.0 1.0	0.78 0.0 1.0
13 Ln	0.5 0.5 0.29	0.5 0.5 104	0.44 0.5 0.0	0.5 0.5 0.0	0.42 0.5 0.0	0.39 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 Vw	0.0 0.5 0.83	0.0 0.5 297	0.51 0.5 1.0	0.5 0.5 1.0	0.8 0.5 1.0	0.8 0.5 1.0
16 -	0.0 1.0 0.34	0.0 1.0 124	0.59 1.0 0.0	0.51 1.0 0.0	0.62 1.0 0.0	0.52 1.0 0.0
17 Lw	0.0 0.5 0.41	0.0 0.5 146	0.64 1.0 0.5	0.5 0.5 1.0	0.69 1.0 0.5	0.62 1.0 0.5
18 Mw	0.0 0.5 0.58	0.0 0.5 208	0.5 1.0 0.76	0.5 1.0 0.5	1.0 0.81 0.5	1.0 0.88
19 O	0.0 1.0 0.05	0.0 1.0 19	1.0 0.04 0.0	1.0 0.0 0.0	1.0 0.22 0.0	1.0 0.17 0.0
20 -	0.0 1.0 0.95	0.0 1.0 343	1.0 0.0 0.77	1.0 0.5 1.0	0.0 0.38 1.0	0.0 0.43
21 M	0.0 1.0 0.88	0.0 1.0 315	0.47 0.0 1.0	0.99 0.0 1.0	0.99 0.0 1.0	0.97 0.0 1.0
22 -	0.0 1.0 0.17	0.0 1.0 61	1.0 0.57 0.0	1.0 0.49 0.0	1.0 0.68 0.0	1.0 0.68 0.0
23 Ow	0.0 0.5 0.05	0.0 0.5 19	1.0 0.52 0.5	1.0 0.5 0.5	1.0 0.61 0.5	1.0 0.58 0.5
24 Mw	0.0 0.5 0.88	0.0 0.5 315	0.74 0.5 1.0	0.99 0.5 1.0	0.99 0.5 1.0	0.98 0.5 1.0
25 Y	0.0 1.0 0.29	0.0 1.0 104	0.88 1.0 0.0	1.0 1.0 0.0	0.85 1.0 0.0	0.78 1.0 0.0
26 Yw	0.0 0.5 0.29	0.0 0.5 104	0.94 1.0 0.5	1.0 1.0 0.5	0.92 1.0 0.5	0.89 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

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

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

Für Eingabe  $nce^*_{30}$  (SRS18) und Ausgabe  $olv^*_{3m}$  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	->SRS18 $nce^*_{30}$	->SRS18 $n^*, c^*, H^*_{ei0}$	ORS18 $olv^*_{31}$	TLS00 $olv^*_{32}$	NRS18 $olv^*_{33}$	SRS18 $olv^*_{34}$
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
02 Vn	0.5 0.5 0.75	0.5 0.5 269	0.0 0.25 0.5	0.17 0.5 0.0	0.02 0.5 0.0	0.0 0.0 0.5
03 V	0.0 1.0 0.75	0.0 1.0 269	0.0 0.51 1.0	0.33 1.0 0.0	0.03 1.0 0.0	0.0 0.0 1.0
04 Ln	0.5 0.5 0.46	0.5 0.5 164	0.01 0.5 0.0	0.5 0.12 0.09	0.5 0.0 0.5	0.0 0.5 0.0
05 Cn	0.5 0.5 0.61	0.5 0.5 219	0.0 0.5 0.35	0.0 0.44 0.5	0.0 0.5 0.44	0.0 0.5 0.5
06 -	0.0 1.0 0.68	0.0 1.0 244	0.0 0.94 1.0	0.6 1.0 0.0	0.58 1.0 0.0	0.5 1.0
07 L	0.0 1.0 0.46	0.0 1.0 164	0.02 1.0 0.0	1.0 0.23 0.17	1.0 0.0 0.0	1.0 0.0
08 -	0.0 1.0 0.54	0.0 1.0 195	0.0 1.0 0.34	0.0 1.0 0.73	0.0 1.0 0.32	0.0 1.0 0.5
09 C	0.0 1.0 0.61	0.0 1.0 219	0.0 1.0 0.69	0.0 0.88 1.0	0.0 1.0 0.87	0.0 1.0 1.0
10 On	0.5 0.5 0.02	0.5 0.5 6	0.5 0.0 0.09	0.5 0.0 0.07	0.5 0.03 0.0	0.5 0.0 0.0
11 Mn	0.5 0.5 0.88	0.5 0.5 316	0.26 0.0 0.5	0.5 0.0 0.49	0.5 0.0 0.49	0.5 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 Ln	0.5 0.5 0.24	0.5 0.5 87	0.5 0.45 0.0	0.5 0.4 0.0	0.5 0.48 0.0	0.5 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 Vw	0.0 0.5 0.75	0.0 0.5 269	0.5 0.75 1.0	0.5 0.67 1.0	0.5 0.52 1.0	0.5 0.5 1.0
16 -	0.0 1.0 0.35	0.0 1.0 126	0.57 1.0 0.0	0.48 1.0 0.0	0.6 1.0 0.0	0.5 1.0 0.0
17 Lw	0.0 0.5 0.46	0.0 0.5 164	0.51 1.0 0.5	0.5 1.0 0.62	0.59 1.0 0.5	0.5 1.0 0.5
18 Mw	0.0 0.5 0.61	0.0 0.5 219	0.5 1.0 0.85	0.5 0.94 1.0	0.5 1.0 0.94	0.5 1.0 1.0
19 O	0.0 1.0 0.02	0.0 1.0 6	1.0 0.0 0.17	1.0 0.0 0.14	1.0 0.07 0.0	1.0 0.0 0.0
20 -	0.0 1.0 0.94	0.0 1.0 340	1.0 0.0 0.86	1.0 0.0 0.56	1.0 0.0 0.45	1.0 0.0 0.5
21 M	0.0 1.0 0.88	0.0 1.0 316	0.51 0.0 1.0	1.0 0.0 0.98	1.0 0.0 0.98	1.0 0.0 1.0
22 -	0.0 1.0 0.13	0.0 1.0 46	1.0 0.38 0.0	1.0 0.32 0.0	1.0 0.52 0.0	1.0 0.5 0.0
23 Ow	0.0 0.5 0.02	0.0 0.5 6	1.0 0.5 0.59	1.0 0.5 0.57	1.0 0.53 0.5	1.0 0.5 0.5
24 Mw	0.0 0.5 0.88	0.0 0.5 316	0.76 0.5 1.0	1.0 0.5 0.99	1.0 0.5 0.99	1.0 0.5 1.0
25 Y	0.0 1.0 0.24	0.0 1.0 87	1.0 0.89 0.0	1.0 0.8 0.0	1.0 0.97 0.0	1.0 1.0 0.0
26 Yw	0.0 0.5 0.24	0.0 0.5 87	1.0 0.95 0.5	1.0 0.9 0.5	1.0 0.98 0.5	1.0 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

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

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

Für Eingabe  $nce^*_{30}$  (TLS00) 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	->TLS00 $nce^*_{30}$	->TLS00 $n^*, c^*, H^*_{ei0}$	ORS18 $LCH^*_{a,M1}$	TLS00 $LCH^*_{a,M2}$	NRS18 $LCH^*_{a,M3}$	SRS18 $LCH^*_{a,M4}$
01 N	1.0 0.0 -	1.0 0.0 -	48.1 71.7 -	53.9 89.9 -	56.7 68.6 -	56.7 67.2 -
02 Vn	0.5 0.5 0.83	0.5 0.5 297	26.2 53.8 306	30.5 47.8 306	56.7 68.4 306	56.7 67.4 306
03 V	0.0 1.0 0.83	0.0 1.0 297	26.2 53.8 306	30.5 47.8 306	56.7 68.4 306	56.7 67.4 306
04 Ln	0.5 0.5 0.41	0.5 0.5 146	61.7 84.0 136	83.6 93.1 136	56.7 64.2 136	56.7 69.7 136
05 Cn	0.5 0.5 0.58	0.5 0.5 208	55.0 53.0 196	86.9 115 196	56.7 69.1 196	56.7 69.7 196
06 -	0.0 1.0 0.7	0.0 1.0 253	51.5 47.5 251	58.8 27.6 251	56.7 69.2 251	56.7 68.3 251
07 L	0.0 1.0 0.41	0.0 1.0 146	61.7 84.0 136	83.6 93.1 136	56.7 64.2 136	56.7 69.7 136
08 -	0.0 1.0 0.51	0.0 1.0 183	52.3 59.7 166	85.2 99.4 166	56.7 75.0 166	56.7 69.1 166
09 C	0.0 1.0 0.58	0.0 1.0 208	55.0 53.0 196	86.9 115 196	56.7 69.1 196	56.7 69.7 196
10 On	0.5 0.5 0.05	0.5 0.5 19	49.6 80.9 40	50.5 111 40	56.7 68.3 40	56.7 71.3 40
11 Mn	0.5 0.5 0.88	0.5 0.5 315	36.3 49.4 328	57.0 128 328	56.7 76.9 328	56.7 75.9 328
12 -	0.0 1.0 0.85	0.0 1.0 306	31.2 50.6 317	43.5 126 317	56.7 71.1 317	56.7 70.1 317
13 Ln	0.5 0.5 0.29	0.5 0.5 104	85.6 87.7 103	92.6 93.0 103	56.7 69.6 103	56.7 70.1 103
14 Z	0.5 0.0 -	0.5 0.0 -	48.1 71.7 -	53.9 89.9 -	56.7 68.6 -	56.7 67.2 -
15 Vw	0.0 0.5 0.83	0.0 0.5 297	26.2 53.8 306	30.5 47.8 306	56.7 68.4 306	56.7 67.4 306
16 -	0.0 1.0 0.34	0.0 1.0 124	74.0 82.3 119	88.3 89.2 119	56.7 64.1 119	56.7 67.0 119
17 Lw	0.0 0.5 0.41	0.0 0.5 146	61.7 84.0 136	83.6 93.1 136	56.7 64.2 136	56.7 69.7 136
18 Mw	0.0 0.5 0.58	0.0 0.5 208	55.0 53.0 196	86.9 115 196	56.7 69.1 196	56.7 69.7 196
19 O	0.0 1.0 0.05	0.0 1.0 19	49.6 80.9 40	50.5 111 40	56.7 68.3 40	56.7 71.3 40
20 -	0.0 1.0 0.95	0.0 1.0 343	48.1 71.7 4	53.9 89.9 4	56.7 68.6 4	56.7 67.2 4
21 M	0.0 1.0 0.88	0.0 1.0 315	36.3 49.4 328	57.0 128 328	56.7 76.9 328	56.7 75.9 328
22 -	0.0 1.0 0.17	0.0 1.0 61	72.0 72.2 71	71.3 85.7 71	56.7 66.1 71	56.7 68.3 71
23 Ow	0.0 0.5 0.05	0.0 0.5 19	49.6 80.9 40	50.5 111 40	56.7 68.3 40	56.7 71.3 40
24 Mw	0.0 0.5 0.88	0.0 0.5 315	36.3 49.4 328	57.0 128 328	56.7 76.9 328	56.7 75.9 328
25 Y	0.0 1.0 0.29	0.0 1.0 104	85.6 87.7 103	92.6 93.0 103	56.7 69.6 103	56.7 70.1 103
26 Yw	0.0 0.5 0.29	0.0 0.5 104	85.6 87.7 103	92.6 93.0 103	56.7 69.6 103	56.7 70.1 103
27 W	0.0 0.0 -	0.0 0.0 -	48.1 71.7 -	53.9 89.9 -	56.7 68.6 -	56.7 67.2 -

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

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

Für Eingabe  $nce^*_{30}$  (SRS18) 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	->SRS18 $nce^*_{30}$	->SRS18 $n^*, c^*, H^*_{ei0}$	ORS18 $LCH^*_{a,M1}$	TLS00 $LCH^*_{a,M2}$	NRS18 $LCH^*_{a,M3}$	SRS18 $LCH^*_{a,M4}$
01 N	1.0 0.0 -	1.0 0.0 -	48.1 72.9 -	54.3 90.1 -	56.7 68.2 -	56.7 67.0 -
02 Vn	0.5 0.5 0.75	0.5 0.5 269	42.4 44.8 270	49.0 29.2 270	56.7 76.2 270	56.7 77.4 270
03 V	0.0 1.0 0.75	0.0 1.0 269	42.4 44.8 270	49.0 29.2 270	56.7 76.2 270	56.7 77.4 270
04 Ln	0.5 0.5 0.46	0.5 0.5 164	51.6 91.6 150	84.4 104 150	56.7 68.8 150	56.7 77.4 150
05 Cn	0.5 0.5 0.61	0.5 0.5 219	56.3 55.3 210	79.9 36.8 210	56.7 73.3 210	56.7 77.4 210
06 -	0.0 1.0 0.68	0.0 1.0 244	56.7 51.9 240	64.5 28.2 240	56.7 68.9 240	56.7 67.0 240
07 L	0.0 1.0 0.46	0.0 1.0 164	51.6 91.6 150	84.4 104 150	56.7 68.8 150	56.7 77.4 150
08 -	0.0 1.0 0.54	0.0 1.0 195	53.5 54.5 180	86.0 102 180	56.7 69.7 180	56.7 67.0 180
09 C	0.0 1.0 0.61	0.0 1.0 219	56.3 55.3 210	79.9 36.8 210	56.7 73.3 210	56.7 77.4 210
10 On	0.5 0.5 0.02	0.5 0.5 6	48.0 72.5 30	51.4 99.9 30	56.7 73.8 30	56.7 77.4 30
11 Mn	0.5 0.5 0.88	0.5 0.5 316	37.2 49.4 330	57.1 109 330	56.7 76.4 330	56.7 77.4 330
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 Ln	0.5 0.5 0.24	0.5 0.5 87	85.8 78.2 90	84.0 90.4 90	56.7 75.5 90	56.7 77.4 90
14 Z	0.5 0.0 -	0.5 0.0 -	48.1 72.9 -	54.3 90.1 -	56.7 68.2 -	56.7 67.0 -
15 Vw	0.0 0.5 0.75	0.0 0.5 269	42.4 44.8 270	49.0 29.2 270	56.7 76.2 270	56.7 77.4 270
16 -	0.0 1.0 0.35	0.0 1.0 126	73.3 82.2 120	88.0 89.2 120	56.7 63.9 120	56.7 67.0 120
17 Lw	0.0 0.5 0.46	0.0 0.5 164	51.6 91.6 150	84.4 104 150	56.7 68.8 150	56.7 77.4 150
18 Mw	0.0 0.5 0.61	0.0 0.5 219	56.3 55.3 210	79.9 36.8 210	56.7 73.3 210	56.7 77.4 210
19 O	0.0 1.0 0.02	0.0 1.0 6	48.0 72.5 30	51.4 99.9 30	56.7 73.8 30	56.7 77.4 30
20 -	0.0 1.0 0.94	0.0 1.0 340	48.1 72.9 0	54.3 90.1 0	56.7 68.2 0	56.7 67.0 0
21 M	0.0 1.0 0.88	0.0 1.0 316	37.2 49.4 330	57.1 109 330	56.7 76.4 330	56.7 77.4 330
22 -	0.0 1.0 0.13	0.0 1.0 46	64.1 72.6 60	63.9 87.4 60	56.7 64.6 60	56.7 67.0 60
23 Ow	0.0 0.5 0.02	0.0 0.5 6	48.0 72.5 30	51.4 99.9 30	56.7 73.8 30	56.7 77.4 30
24 Mw	0.0 0.5 0.88	0.0 0.5 316	37.2 49.4 330	57.1 109 330	56.7 76.4 330	56.7 77.4 330
25 Y	0.0 1.0 0.24	0.0 1.0 87	85.8 78.2 90	84.0 90.4 90	56.7 75.5 90	56.7 77.4 90
26 Yw	0.0 0.5 0.24	0.0 0.5 87	85.8 78.2 90	84.0 90.4 90	56.7 75.5 90	56.7 77.4 90
27 W	0.0 0.0 -	0.0 0.0 -	48.1 72.9 -	54.3 90.1 -	56.7 68.2 -	56.7 67.0 -

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

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

Für Eingabe  $nce^*_{30}$  (TLS00) und Ausgabe  $LCH^*_{am}$  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	->TLS00 $nce^*_{30}$	->TLS00 $n^*, c^*, H^*_{ei0}$	ORS18 $LCH^*_{a1}$	TLS00 $LCH^*_{a2}$	NRS18 $LCH^*_{a3}$	SRS18 $LCH^*_{a4}$
01 N	1.0 0.0 -	1.0 0.0 -	18.0 0.0 -	0.0 0.0 -	18.0 0.0 -	18.0 0.0 -
02 Vn	0.5 0.5 0.83	0.5 0.5 297	22.1 26.9 306	15.3 23.9 306	37.4 34.2 306	37.4 33.7 306
03 V	0.0 1.0 0.83	0.0 1.0 297	26.2 53.8 306	30.5 47.8 306	56.7 68.4 306	56.7 67.4 306
04 Ln	0.5 0.5 0.41	0.5 0.5 146	39.9 42.0 136	41.8 46.5 136	37.4 32.1 136	37.4 34.9 136
05 Cn	0.5 0.5 0.58	0.5 0.5 208	36.5 26.5 196	43.4 57.3 196	37.4 34.6 196	37.4 34.9 196
06 -	0.0 1.0 0.7	0.0 1.0 253	51.5 47.5 251	58.8 27.6 251	56.7 69.2 251	56.7 68.3 251
07 L	0.0 1.0 0.41	0.0 1.0 146	61.7 84.0 136	83.6 93.1 136	56.7 64.2 136	56.7 69.7 136
08 -	0.0 1.0 0.51	0.0 1.0 183	52.3 59.7 166	85.2 99.4 166	56.7 75.0 166	56.7 69.1 166
09 C	0.0 1.0 0.58	0.0 1.0 208	55.0 53.0 196	86.9 115 196	56.7 69.1 196	56.7 69.7 196
10 On	0.5 0.5 0.05	0.5 0.5 19	33.8 40.4 40	25.3 55.5 40	37.4 34.1 40	37.4 35.7 40
11 Mn	0.5 0.5 0.88	0.5 0.5 315	27.2 24.7 328	28.5 64.2 328	37.4 38.5 328	37.4 38.0 328
12 -	0.0 1.0 0.85	0.0 1.0 306	31.2 50.6 317	43.5 126 317	56.7 71.1 317	56.7 70.1 317
13 Ln	0.5 0.5 0.29	0.5 0.5 104	51.8 43.9 103	46.3 46.5 103	37.4 34.8 103	37.4 35.0 103
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	60.8 26.9 306	63.0 23.9 306	76.1 34.2 306	76.1 33.7 306
16 -	0.0 1.0 0.34	0.0 1.0 124	74.0 82.3 119	88.3 89.2 119	56.7 64.1 119	56.7 67.0 119
17 Lw	0.0 0.5 0.41	0.0 0.5 146	78.6 42.0 136	89.5 46.5 136	76.1 32.1 136	76.1 34.9 136
18 Mw	0.0 0.5 0.58	0.0 0.5 208	75.2 26.5 196	91.1 57.3 196	76.1 34.6 196	76.1 34.9 196
19 O	0.0 1.0 0.05	0.0 1.0 19	49.6 80.9 40	50.5 111 40	56.7 68.3 40	56.7 71.3 40
20 -	0.0 1.0 0.95	0.0 1.0 343	48.1 71.7 4	53.9 89.9 4	56.7 68.6 4	56.7 67.2 4
21 M	0.0 1.0 0.88	0.0 1.0 315	36.3 49.4 328	57.0 128 328	56.7 76.9 328	56.7 75.9 328
22 -	0.0 1.0 0.17	0.0 1.0 61	72.0 72.2 71	71.3 85.7 71	56.7 66.1 71	56.7 68.3 71
23 Ow	0.0 0.5 0.05	0.0 0.5 19	72.5 40.4 40	73.0 55.5 40	76.1 34.1 40	76.1 35.7 40
24 Mw	0.0 0.5 0.88	0.0 0.5 315	65.9 24.7 328	76.2 64.2 328	76.1 38.5 328	76.1 38.0 328
25 Y	0.0 1.0 0.29	0.0 1.0 104	85.6 87.7 103	92.6 93.0 103	56.7 69.6 103	56.7 70.1 103
26 Yw	0.0 0.5 0.29	0.0 0.5 104	90.5 43.9 103	94.0 46.5 103	76.1 34.8 103	76.1 35.0 103
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 -

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

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

Für Eingabe  $nce^*_{30}$  (SRS18) und Ausgabe  $LCH^*_{am}$  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	->SRS18 $nce^*_{30}$	->SRS18 $n^*, c^*, H^*_{ei0}$	ORS18 $LCH^*_{a1}$	TLS00 $LCH^*_{a2}$	NRS18 $LCH^*_{a3}$	SRS18 $LCH^*_{a4}$
01 N	1.0 0.0 -	1.0 0.0 -	18.0 0.0 -	0.0 0.0 -	18.0 0.0 -	18.0 0.0 -
02 Vn	0.5 0.5 0.75	0.5 0.5 269	30.2 22.4 270	24.5 14.6 270	37.4 38.1 270	37.4 38.7 270
03 V	0.0 1.0 0.75	0.0 1.0 269	42.4 44.8 270	49.0 29.2 270	56.7 76.2 270	56.7 77.4 270
04 Ln	0.5 0.5 0.46	0.5 0.5 164	34.8 45.8 150	42.2 51.8 150	37.4 34.4 150	37.4 38.7 150
05 Cn	0.5 0.5 0.61	0.5 0.5 219	37.1 27.6 210	39.9 18.4 210	37.4 36.7 210	37.4 38.7 210
06 -	0.0 1.0 0.68	0.0 1.0 244	56.7 51.9 240	64.5 28.2 240	56.7 68.9 240	56.7 67.0 240
07 L	0.0 1.0 0.46	0.0 1.0 164	51.6 91.6 150	84.4 104 150	56.7 68.8 150	56.7 77.4 150
08 -	0.0 1.0 0.54	0.0 1.0 195	53.5 54.5 180	86.0 102 180	56.7 69.7 180	56.7 67.0 180
09 C	0.0 1.0 0.61	0.0 1.0 219	56.3 55.3 210	79.9 36.8 210	56.7 73.3 210	56.7 77.4 210
10 On	0.5 0.5 0.02	0.5 0.5 6	33.0 36.2 30	25.7 50.0 30	37.4 36.9 30	37.4 38.7 30
11 Mn	0.5 0.5 0.88	0.5 0.5 316	27.6 24.7 330	28.6 54.3 330	37.4 38.2 330	37.4 38.7 330
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 Ln	0.5 0.5 0.24	0.5 0.5 87	51.9 39.1 90	42.0 45.2 90	37.4 37.7 90	37.4 38.7 90
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 0.75	0.0 0.5 269	68.9 22.4 270	72.2 14.6 270	76.1 38.1 270	76.1 38.7 270
16 -	0.0 1.0 0.35	0.0 1.0 126	73.3 82.2 120	88.0 89.2 120	56.7 63.9 120	56.7 67.0 120
17 Lw	0.0 0.5 0.46	0.0 0.5 164	73.5 45.8 150	89.9 51.8 150	76.1 34.4 150	76.1 38.7 150
18 Mw	0.0 0.5 0.61	0.0 0.5 219	75.8 27.6 210	87.6 18.4 210	76.1 36.7 210	76.1 38.7 210
19 O	0.0 1.0 0.02	0.0 1.0 6	48.0 72.5 30	51.4 99.9 30	56.7 73.8 30	56.7 77.4 30
20 -	0.0 1.0 0.94	0.0 1.0 340	48.1 72.9 0	54.3 90.1 0	56.7 68.2 0	56.7 67.0 0
21 M	0.0 1.0 0.88	0.0 1.0 316	37.2 49.4 330	57.1 109 330	56.7 76.4 330	56.7 77.4 330
22 -	0.0 1.0 0.13	0.0 1.0 46	64.1 72.6 60	63.9 87.4 60	56.7 64.6 60	56.7 67.0 60
23 Ow	0.0 0.5 0.02	0.0 0.5 6	71.7 36.2 30	73.4 50.0 30	76.1 36.9 30	76.1 38.7 30
24 Mw	0.0 0.5 0.88	0.0 0.5 316	66.3 24.7 330	76.3 54.3 330	76.1 38.2 330	76.1 38.7 330
25 Y	0.0 1.0 0.24	0.0 1.0 87	85.8 78.2 90	84.0 90.4 90	56.7 75.5 90	56.7 77.4 90
26 Yw	0.0 0.5 0.24	0.0 0.5 87	90.6 39.1 90	89.7 45.2 90	76.1 37.7 90	76.1 38.7 90
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 -

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

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

Für Eingabe  $nce^*_{30}$  (TLS00) und Ausgabe  $H^*_{aim} H^*_{eim}$  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	->TLS00 $nce^*_{30}$	->TLS00 $n^*, c^*, H^*_{ei0}$	ORS18 $H^*_{ai1} H^*_{ei1}$	TLS00 $H^*_{ai2} H^*_{ei2}$	NRS18 $H^*_{ai3} H^*_{ei3}$	SRS18 $H^*_{ai4} H^*_{ei4}$
01 N	1.0 0.0 -	1.0 0.0 -	-	-	-	-
02 Vn	0.5 0.5 0.83	0.5 0.5 297	306 298	306 297	306 297	306 297
03 V	0.0 1.0 0.83	0.0 1.0 297	306 298	306 297	306 297	306 297
04 Ln	0.5 0.5 0.41	0.5 0.5 146	136 145	136 146	136 146	136 146
05 Cn	0.5 0.5 0.58	0.5 0.5 208	196 207	196 208	196 208	196 208
06 -	0.0 1.0 0.7	0.0 1.0 253	251 253	251 253	251 253	251 253
07 L	0.0 1.0 0.41	0.0 1.0 146	136 145	136 146	136 146	136 146
08 -	0.0 1.0 0.51	0.0 1.0 183	166 181	166 183	166 183	166 183
09 C	0.0 1.0 0.58	0.0 1.0 208	196 207	196 208	196 208	196 208
10 On	0.5 0.5 0.05	0.5 0.5 19	40 20	40 19	40 19	40 19
11 Mn	0.5 0.5 0.88	0.5 0.5 315	328 315	328 315	328 315	328 315
12 -	0.0 1.0 0.85	0.0 1.0 306	317 306	317 306	317 306	317 306
13 Ln	0.5 0.5 0.29	0.5 0.5 104	103 104	103 104	103 104	103 104
14 Z	0.5 0.0 -	0.5 0.0 -	-	-	-	-
15 Vw	0.0 0.5 0.83	0.0 0.5 297	306 298	306 297	306 297	306 297
16 -	0.0 1.0 0.34	0.0 1.0 124	119 124	119 124	119 124	119 124
17 Lw	0.0 0.5 0.41	0.0 0.5 146	136 145	136 146	136 146	136 146
18 Mw	0.0 0.5 0.58	0.0 0.5 208	196 207	196 208	196 208	196 208
19 O	0.0 1.0 0.05	0.0 1.0 19	40 20	40 19	40 19	40 19
20 -	0.0 1.0 0.95	0.0 1.0 343	4 343	4 343	4 343	4 343
21 M	0.0 1.0 0.88	0.0 1.0 315	328 315	328 315	328 315	328 315
22 -	0.0 1.0 0.17	0.0 1.0 61	71 62	71 61	71 61	71 61
23 Ow	0.0 0.5 0.05	0.0 0.5 19	40 20	40 19	40 19	40 19
24 Mw	0.0 0.5 0.88	0.0 0.5 315	328 315	328 315	328 315	328 315
25 Y	0.0 1.0 0.29	0.0 1.0 104	103 104	103 104	103 104	103 104
26 Yw	0.0 0.5 0.29	0.0 0.5 104	103 104	103 104	103 104	103 104
27 W	0.0 0.0 -	0.0 0.0 -	-	-	-	-

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

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

Für Eingabe  $nce^*_{30}$  (SRS18) und Ausgabe  $H^*_{aim} H^*_{eim}$  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	->SRS18 $nce^*_{30}$	->SRS18 $n^*, c^*, H^*_{ei0}$	ORS18 $H^*_{ai1} H^*_{ei1}$	TLS00 $H^*_{ai2} H^*_{ei2}$	NRS18 $H^*_{ai3} H^*_{ei3}$	SRS18 $H^*_{ai4} H^*_{ei4}$
01 N	1.0 0.0 -	1.0 0.0 -	-	-	-	-
02 Vn	0.5 0.5 0.75	0.5 0.5 269	270 269	270 269	270 269	270 269
03 V	0.0 1.0 0.75	0.0 1.0 269	270 269	270 269	270 269	270 269
04 Ln	0.5 0.5 0.46	0.5 0.5 164	150 162	150 164	150 164	150 164
05 Cn	0.5 0.5 0.61	0.5 0.5 219	210 218	210 219	210 219	210 219
06 -	0.0 1.0 0.68	0.0 1.0 244	240 244	240 244	240 244	240 244
07 L	0.0 1.0 0.46	0.0 1.0 164	150 162	150 164	150 164	150 164
08 -	0.0 1.0 0.54	0.0 1.0 195	180 193	180 195	180 195	180 195
09 C	0.0 1.0 0.61	0.0 1.0 219	210 218	210 219	210 219	210 219
10 On	0.5 0.5 0.02	0.5 0.5 6	30 7	30 6	30 6	30 6
11 Mn	0.5 0.5 0.88	0.5 0.5 316	330 317	330 316	330 316	330 316
12 -	0.0 1.0 0.81	0.0 1.0 292	300 293	300 292	300 292	300 292
13 Ln	0.5 0.5 0.24	0.5 0.5 87	90 87	90 87	90 87	90 87
14 Z	0.5 0.0 -	0.5 0.0 -	-	-	-	-
15 Vw	0.0 0.5 0.75	0.0 0.5 269	270 269	270 269	270 269	270 269
16 -	0.0 1.0 0.35	0.0 1.0 126	120 125	120 126	120 126	120 126
17 Lw	0.0 0.5 0.46	0.0 0.5 164	150 162	150 164	150 164	150 164
18 Mw	0.0 0.5 0.61	0.0 0.5 219	210 218	210 219	210 219	210 219
19 O	0.0 1.0 0.02	0.0 1.0 6	30 7	30 6	30 6	30 6
20 -	0.0 1.0 0.94	0.0 1.0 340	0 340	0 340	0 340	0 340
21 M	0.0 1.0 0.88	0.0 1.0 316	330 317	330 316	330 316	330 316
22 -	0.0 1.0 0.13	0.0 1.0 46	60 47	60 46	60 46	60 46
23 Ow	0.0 0.5 0.02	0.0 0.5 6	30 7	30 6	30 6	30 6
24 Mw	0.0 0.5 0.88	0.0 0.5 316	330 317	330 316	330 316	330 316
25 Y	0.0 1.0 0.24	0.0 1.0 87	90 87	90 87	90 87	90 87
26 Yw	0.0 0.5 0.24	0.0 0.5 87	90 87	90 87	90 87	90 87
27 W	0.0 0.0 -	0.0 0.0 -	-	-	-	-

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

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