

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

Für Eingabe **olv*₃₀** (NRS18) 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	->NRS18						>NRS18				ORS18			TLS00			NRS18			SRS18																
	olv* ₃₀ =rgb* _{30n}						c*, H* _{si0}				olv* ₃₁			olv* ₃₂			olv* ₃₃			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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
02 Bn	0.0	0.0	0.5	0.5	0.5	270	0.0	0.24	0.5	0.0	0.16	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.02	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.02	0.0	0.5	0.0	0.5	0.0	0.5		
03 B	0.0	0.0	1.0	0.0	1.0	270	0.0	0.48	1.0	0.0	0.31	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.03	0.0	1.0	0.03	0.0	1.0	0.0	0.0	1.0	0.03	0.0	1.0	0.0	1.0	0.0	1.0		
04 Gn	0.0	0.5	0.0	0.5	0.5	150	0.0	0.5	0.07	0.0	0.5	0.22	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.5	0.1	0.0	0.5	0.1	0.0		
05 C'n	0.0	0.5	0.5	0.5	0.5	210	0.0	0.5	0.39	0.0	0.41	0.5	0.0	0.5	0.0	0.5	0.5	0.0	0.0	0.44	0.5	0.0	0.0	0.5	0.0	0.0	0.44	0.5	0.0	0.5	0.0	0.44	0.5	0.0		
06 -	0.0	0.5	1.0	0.0	1.0	240	0.0	0.88	1.0	0.0	0.57	1.0	0.0	0.0	1.0	0.0	0.51	1.0	0.0	0.43	1.0	0.0	0.0	0.43	1.0	0.0	0.43	1.0	0.0	0.43	1.0	0.0	0.43	1.0		
07 G	0.0	1.0	0.0	0.0	1.0	150	0.0	1.0	0.13	0.0	1.0	0.43	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.2	0.0	0.0	1.0	0.0	0.0	1.0	0.0	1.0	0.2	0.0	1.0	0.2	0.0		
08 -	0.0	1.0	0.5	0.0	1.0	180	0.0	1.0	0.46	0.0	1.0	0.89	0.0	1.0	0.0	0.0	1.0	0.51	0.0	1.0	0.67	0.0	0.0	1.0	0.0	1.0	0.67	0.0	1.0	0.67	0.0	1.0	0.67	0.0		
09 C'	0.0	1.0	1.0	0.0	1.0	210	0.0	1.0	0.78	0.0	0.81	1.0	0.0	1.0	0.0	1.0	1.0	0.0	0.88	1.0	0.0	0.0	0.88	1.0	0.0	0.0	0.88	1.0	0.0	0.88	1.0	0.0	0.88	1.0	0.0	
10 Rn	0.5	0.0	0.0	0.5	0.5	30	0.5	0.0	0.14	0.5	0.0	0.1	0.5	0.0	0.0	0.1	0.5	0.0	0.5	0.0	0.04	0.5	0.0	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.04	0.5	0.0	0.04	0.5	
11 M'n	0.5	0.0	0.5	0.5	0.5	330	0.25	0.0	0.5	0.5	0.0	0.49	0.5	0.0	0.5	0.0	0.5	0.49	0.0	0.5	0.5	0.0	0.5	0.0	0.5	0.49	0.0	0.5	0.0	0.5	0.5	0.0	0.5	0.5	0.0	
12 -	0.5	0.0	1.0	0.0	1.0	300	0.0	0.07	1.0	0.0	0.06	1.0	0.5	0.0	0.0	0.5	0.0	1.0	0.5	0.0	1.0	0.5	0.0	1.0	0.5	0.0	1.0	0.5	0.0	1.0	0.5	0.0	1.0	0.5	0.0	
13 Gn	0.5	0.5	0.0	0.5	0.5	90	0.5	0.46	0.0	0.5	0.41	0.0	0.5	0.5	0.0	0.5	0.5	0.0	0.48	0.5	0.0	0.0	0.48	0.5	0.0	0.0	0.48	0.5	0.0	0.0	0.48	0.5	0.0	0.0	0.48	
14 Z	0.5	0.5	0.5	0.5	0.0	-	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	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 Bw	0.5	0.5	1.0	0.0	0.5	270	0.5	0.74	1.0	0.5	0.66	1.0	0.5	0.5	0.5	0.5	0.5	1.0	0.52	0.5	1.0	0.5	0.5	1.0	0.5	0.5	1.0	0.52	0.5	1.0	0.5	0.5	1.0	0.5	0.5	
16 -	0.5	1.0	0.0	0.0	1.0	120	0.44	1.0	0.0	0.27	1.0	0.0	0.5	1.0	0.0	0.5	1.0	0.0	0.38	1.0	0.0	0.0	0.38	1.0	0.0	0.0	0.38	1.0	0.0	0.0	0.38	1.0	0.0	0.0	0.38	
17 Gw	0.5	1.0	0.5	0.0	0.5	150	0.5	1.0	0.57	0.5	1.0	0.72	0.5	1.0	0.5	0.5	0.72	0.5	0.5	1.0	0.6	0.5	0.5	1.0	0.5	0.5	1.0	0.6	0.5	1.0	0.6	0.5	1.0	0.6	0.5	
18 M'w	0.5	1.0	1.0	0.0	0.5	210	0.5	1.0	0.89	0.5	0.91	1.0	0.5	1.0	0.5	1.0	0.89	0.5	0.94	1.0	0.5	0.5	1.0	0.5	0.5	1.0	0.94	1.0	0.5	0.94	1.0	0.5	0.94	1.0	0.5	
19 R	1.0	0.0	0.0	0.0	1.0	30	1.0	0.0	0.29	1.0	0.0	0.21	1.0	0.0	0.0	0.21	1.0	0.0	0.01	1.0	0.0	0.0	0.01	1.0	0.0	0.0	0.01	1.0	0.0	0.01	1.0	0.0	0.01	1.0	0.0	
20 -	1.0	0.0	0.5	0.0	1.0	0	1.0	0.0	0.92	1.0	0.0	0.6	1.0	0.0	0.0	0.6	1.0	0.0	0.5	1.0	0.0	0.55	1.0	0.0	0.5	1.0	0.0	0.55	1.0	0.0	0.55	1.0	0.0	0.55	1.0	0.0
21 M'	1.0	0.0	1.0	0.0	1.0	330	0.49	0.0	1.0	1.0	0.0	0.99	1.0	0.0	0.99	1.0	0.0	0.99	0.98	0.0	1.0	0.0	0.99	0.98	0.0	1.0	0.0	0.98	0.0	1.0	0.0	0.98	0.0	1.0	0.0	
22 -	1.0	0.5	0.0	0.0	1.0	60	1.0	0.36	0.0	1.0	0.3	0.0	1.0	0.5	0.0	1.0	0.36	0.0	1.0	0.48	0.0	1.0	0.5	0.0	1.0	0.48	0.0	1.0	0.5	0.0	1.0	0.48	0.0	1.0	0.5	
23 Rw	1.0	0.5	0.5	0.0	0.5	30	1.0	0.5	0.64	1.0	0.5	0.6	1.0	0.5	0.5	0.6	1.0	0.5	0.5	1.0	0.5	0.54	1.0	0.5	0.5	1.0	0.5	0.54	1.0	0.5	0.54	1.0	0.5	0.54	1.0	0.5
24 M'w	1.0	0.5	1.0	0.0	0.5	330	0.75	0.5	1.0	1.0	0.5	0.99	1.0	0.5	1.0	0.75	0.5	0.99	0.99	0.5	1.0	0.5	0.99	0.99	0.5	1.0	0.5	0.99	0.5	1.0	0.5	0.99	0.5	1.0	0.5	
25 J	1.0	1.0	0.0	0.0	1.0	90	1.0	0.93	0.0	1.0	0.83	0.0	1.0	1.0	0.0	0.83	0.0	1.0	0.97	1.0	0.0	0.0	0.97	1.0	0.0	0.0	0.97	1.0	0.0	0.0	0.97	1.0	0.0	0.0	0.97	
26 Jw	1.0	1.0	0.5	0.0	0.5	90	1.0	0.96	0.5	1.0	0.91	0.5	1.0	1.0	0.5	0.91	0.5	1.0	0.98	1.0	0.5	0.5	0.98	1.0	0.5	0.5	0.98	1.0	0.5	0.5	0.98	1.0	0.5	0.5	0.98	
27 W	1.0	1.0	1.0	0.0	0.0	-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	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	

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

$$H^*_{s0} = atan (b^*_{r0} / a^*_{r0})$$
$$H^*_{si0} = round (H^*_{s0})$$

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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						->NRS18			ORS18			TLS00			NRS18			SRS18		
	olv* ₃₀ =rgb* ₃₀ ^{n*, c*, H*_{si0}}						LCH* _{a,M1}			LCH* _{a,M2}			LCH* _{a,M3}			LCH* _{a,M3}			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	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	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	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	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	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	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	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	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	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	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	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	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	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	-	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	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	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	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	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	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	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	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	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	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	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	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	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	-	56.7	67.1	-

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

$$H^*_{s0} = atan (b^*_{r0} / a^*_{r0})$$
$$H^*_{si0} = round (H^*_{s0})$$

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Für Eingabe **olv*₃₀** (NRS18) 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);
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Nr. Farbe	->NRS18						->NRS18			ORS18			TLS00			NRS18			SRS18		
	olv* ₃₀ =rgb* _{30n}						c*, H*, si0			LCH* _{a1}			LCH* _{a2}			LCH* _{a3}			LCH* _{a4}		
01 N	0.0	0.0	0.0	1.0	0.0	-	18.0	0.0	-	0.0	0.0	-	0.0	0.0	-	18.0	0.0	-	18.0	0.0	-
02 Bn	0.0	0.0	0.5	0.5	0.5	270	29.7	22.4	272	24.0	14.8	272	37.4	38.6	272	37.4	38.6	272	37.4	38.0	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	77.2	272	56.7	75.9	272
04 Gn	0.0	0.5	0.0	0.5	0.5	150	35.0	31.1	162	42.5	49.9	162	37.4	38.6	162	37.4	38.6	162	37.4	35.2	162
05 C'n	0.0	0.5	0.5	0.5	0.5	210	37.5	28.9	217	38.1	16.7	217	37.4	38.7	217	37.4	38.7	217	37.4	36.4	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	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	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	68.7	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	77.4	217	56.7	72.8	217
10 Rn	0.5	0.0	0.0	0.5	0.5	30	33.0	35.6	25	26.0	48.1	25	37.4	38.5	25	37.4	38.5	25	37.4	37.0	25
11 M'n	0.5	0.0	0.5	0.5	0.5	330	27.4	24.7	329	28.6	55.0	329	37.4	38.6	329	37.4	38.6	329	37.4	38.3	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	68.0	300	56.7	67.0	300
13 Gn	0.5	0.5	0.0	0.5	0.5	90	52.6	39.7	92	42.7	45.8	92	37.4	38.6	92	37.4	38.6	92	37.4	38.0	92
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 Bw	0.5	0.5	1.0	0.0	0.5	270	68.4	22.4	272	71.7	14.8	272	76.1	38.6	272	76.1	38.6	272	76.1	38.0	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	63.4	127	56.7	67.5	127
17 Gw	0.5	1.0	0.5	0.0	0.5	150	73.7	31.1	162	90.2	49.9	162	76.1	38.6	162	76.1	38.6	162	76.1	35.2	162
18 M'w	0.5	1.0	1.0	0.0	0.5	210	76.2	28.9	217	85.8	16.7	217	76.1	38.7	217	76.1	38.7	217	76.1	36.4	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	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	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	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	64.6	59	56.7	67.0	59
23 Rw	1.0	0.5	0.5	0.0	0.5	30	71.7	35.6	25	73.7	48.1	25	76.1	38.5	25	76.1	38.5	25	76.1	37.0	25
24 M'w	1.0	0.5	1.0	0.0	0.5	330	66.1	24.7	329	76.3	55.0	329	76.1	38.6	329	76.1	38.6	329	76.1	38.3	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	77.1	92	56.7	75.9	92
26 Jw	1.0	1.0	0.5	0.0	0.5	90	91.3	39.7	92	90.4	45.8	92	76.1	38.6	92	76.1	38.6	92	76.1	38.0	92
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	-

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

$$H^*_{s0} = atan (b^*_{r0} / a^*_{r0})$$
$$H^*_{si0} = round (H^*_{s0})$$

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

Für Eingabe olv^*_{30} (NRS18) 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	->NRS18						->NRS18			ORS18			TLS00		NRS18		SRS18	
	olv^*_{30}	rgb^*_{30}	n^*, c^*	H^*_{s0}	H^*_{a1}	H^*_{e1}	H^*_{a1}	H^*_{e1}	H^*_{a1}	H^*_{e1}	H^*_{a2}	H^*_{e2}	H^*_{a2}	H^*_{e2}	H^*_{a3}	H^*_{e3}	H^*_{a4}	H^*_{e4}
01 N	0.0	0.0	0.0	1.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-
02 Bn	0.0	0.0	0.5	0.5	0.5	270	272	271	272	270	272	270	272	270	272	270	272	270
03 B	0.0	0.0	1.0	0.0	1.0	270	272	271	272	270	272	270	272	270	272	270	272	270
04 Gn	0.0	0.5	0.0	0.5	0.5	150	162	177	162	180	162	180	162	180	162	180	162	180
05 C'n	0.0	0.5	0.5	0.5	0.5	210	217	224	217	225	217	225	217	225	217	225	217	225
06 -	0.0	0.5	1.0	0.0	1.0	240	244	247	244	247	244	247	244	247	244	247	244	247
07 G	0.0	1.0	0.0	0.0	1.0	150	162	177	162	180	162	180	162	180	162	180	162	180
08 -	0.0	1.0	0.5	0.0	1.0	180	190	202	190	203	190	203	190	203	190	203	190	203
09 C'	0.0	1.0	1.0	0.0	1.0	210	217	224	217	225	217	225	217	225	217	225	217	225
10 Rn	0.5	0.0	0.0	0.5	0.5	30	25	0	25	359	25	359	25	359	25	359	25	359
11 M'n	0.5	0.0	0.5	0.5	0.5	330	329	316	329	315	329	315	329	315	329	315	329	315
12 -	0.5	0.0	1.0	0.0	1.0	300	300	293	300	292	300	292	300	292	300	292	300	292
13 Gn	0.5	0.5	0.0	0.5	0.5	90	92	90	92	89	92	89	92	89	92	89	92	89
14 Z	0.5	0.5	0.5	0.5	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-
15 Bw	0.5	0.5	1.0	0.0	0.5	270	272	271	272	270	272	270	272	270	272	270	272	270
16 -	0.5	1.0	0.0	0.0	1.0	120	127	134	127	135	127	135	127	135	127	135	127	135
17 Gw	0.5	1.0	0.5	0.0	0.5	150	162	177	162	180	162	180	162	180	162	180	162	180
18 M'w	0.5	1.0	1.0	0.0	0.5	210	217	224	217	225	217	225	217	225	217	225	217	225
19 R	1.0	0.0	0.0	0.0	1.0	30	25	0	25	359	25	359	25	359	25	359	25	359
20 -	1.0	0.0	0.5	0.0	1.0	0	357	338	357	337	357	337	357	337	357	337	357	337
21 M'	1.0	0.0	1.0	0.0	1.0	330	329	316	329	315	329	315	329	315	329	315	329	315
22 -	1.0	0.5	0.0	0.0	1.0	60	59	46	59	45	59	45	59	45	59	45	59	45
23 Rw	1.0	0.5	0.5	0.0	0.5	30	25	0	25	359	25	359	25	359	25	359	25	359
24 M'w	1.0	0.5	1.0	0.0	0.5	330	329	316	329	315	329	315	329	315	329	315	329	315
25 J	1.0	1.0	0.0	0.0	1.0	90	92	90	92	89	92	89	92	89	92	89	92	89
26 Jw	1.0	1.0	0.5	0.0	0.5	90	92	90	92	89	92	89	92	89	92	89	92	89
27 W	1.0	1.0	1.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-

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

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

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

Für Eingabe **LCH***_{a0} (NRS18) und Ausgabe **olv***_{3m} für 4 Systeme (*m*=0 bis 4)
Sechs CIELAB-Buntonwinkel des Gerätes ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);
Sechs CIELAB-Buntonwinkel des Gerätes TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);
Sechs CIELAB-Buntonwinkel des Gerätes NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);
Sechs CIELAB-Buntonwinkel des Gerätes SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

<i>Nr.Farbe</i>	->NRS18			->NRS18			ORS18			TLS00			NRS18			SRS18		
	<i>LCH*</i> _{a0}			<i>n*, c*, H*</i> _{ai0}			<i>olv*</i> ₃₁			<i>olv*</i> ₃₂			<i>olv*</i> ₃₃			<i>olv*</i> ₃₄		
01 <i>N</i>	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 <i>Bn</i>	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 <i>B</i>	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 <i>Gn</i>	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 <i>C'n</i>	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 <i>G</i>	56.7	77.2	162	0.0	1.0	162	0.0	1.0	0.13	0.0	1.0	0.43	0.0	1.0	0.0	0.0	1.0	0.2
08 -	56.7	68.7	190	0.0	1.0	190	0.0	1.0	0.46	0.0	1.0	0.89	0.0	1.0	0.51	0.0	1.0	0.67
09 <i>C'</i>	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 <i>Rn</i>	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	0.0	0.5	0.0	0.04
11 <i>M'n</i>	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 <i>Gn</i>	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 <i>Z</i>	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 <i>Bw</i>	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 <i>Gw</i>	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 <i>M'w</i>	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 <i>R</i>	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 <i>M'</i>	56.7	77.1	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
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 <i>Rw</i>	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 <i>M'w</i>	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 <i>J</i>	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 <i>Jw</i>	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 <i>W</i>	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} = round (*H**_{a0})

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

Für Eingabe **LCH*a₀** (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);

<i>Nr.Farbe</i>	->NRS18 LCH*a₀	->NRS18 <i>n*, c*, H*_{ai0}</i>	ORS18 LCH*a_{M1}	TLS00 LCH*a_{M2}	NRS18 LCH*a_{M3}	SRS18 LCH*a_{M4}	
01 <i>N</i>	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 <i>Bn</i>	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 <i>B</i>	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 <i>Gn</i>	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 <i>C'n</i>	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 <i>G</i>	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 <i>C'</i>	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 <i>Rn</i>	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 <i>M'n</i>	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 <i>Gn</i>	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 <i>Z</i>	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 <i>Bw</i>	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 <i>Gw</i>	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 <i>M'w</i>	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 <i>R</i>	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 <i>M'</i>	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 <i>Rw</i>	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 <i>M'w</i>	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 <i>J</i>	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 <i>Jw</i>	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 <i>W</i>	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}* = round (*H*_{a0}*)**

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

Für Eingabe ***LCH**_{a0}** (NRS18) 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);

<i>Nr.Farbe</i>	->NRS18 <i>LCH</i> * _{a0}	->NRS18 <i>n</i> *, <i>c</i> *, <i>H</i> * _{ai0}	ORS18 <i>LCH</i> * _{a1}	TLS00 <i>LCH</i> * _{a2}	NRS18 <i>LCH</i> * _{a3}	SRS18 <i>LCH</i> * _{a4}	
01 <i>N</i>	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 <i>Bn</i>	37.4 38.6 272 0.5 0.5 272	29.7 22.4 272	24.0 14.8 272	37.4 38.6 272	37.4 38.0 272		
03 <i>B</i>	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 <i>Gn</i>	37.4 38.6 162 0.5 0.5 162	35.0 31.1 162	42.5 49.9 162	37.4 38.6 162	37.4 35.2 162		
05 <i>C'n</i>	37.4 38.7 217 0.5 0.5 217	37.5 28.9 217	38.1 16.7 217	37.4 38.7 217	37.4 36.4 217		
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 <i>G</i>	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 <i>C'</i>	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 <i>Rn</i>	37.4 38.5 25 0.5 0.5 25	33.0 35.6 25	26.0 48.1 25	37.4 38.5 25	37.4 37.0 25		
11 <i>M'n</i>	37.4 38.6 329 0.5 0.5 329	27.4 24.7 329	28.6 55.0 329	37.4 38.6 329	37.4 38.3 329		
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 <i>Gn</i>	37.4 38.6 92 0.5 0.5 92	52.6 39.7 92	42.7 45.8 92	37.4 38.6 92	37.4 38.0 92		
14 <i>Z</i>	56.7 0.0 -	0.5 0.0 -	56.7 0.0 -	47.7 0.0 -	56.7 0.0 -		
15 <i>Bw</i>	76.1 38.6 272 0.0 0.5 272	68.4 22.4 272	71.7 14.8 272	76.1 38.6 272	76.1 38.0 272		
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 <i>Gw</i>	76.1 38.6 162 0.0 0.5 162	73.7 31.1 162	90.2 49.9 162	76.1 38.6 162	76.1 35.2 162		
18 <i>M'w</i>	76.1 38.7 217 0.0 0.5 217	76.2 28.9 217	85.8 16.7 217	76.1 38.7 217	76.1 36.4 217		
19 <i>R</i>	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 <i>M'</i>	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 <i>Rw</i>	76.1 38.5 25 0.0 0.5 25	71.7 35.6 25	73.7 48.1 25	76.1 38.5 25	76.1 37.0 25		
24 <i>M'w</i>	76.1 38.6 329 0.0 0.5 329	66.1 24.7 329	76.3 55.0 329	76.1 38.6 329	76.1 38.3 329		
25 <i>J</i>	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 <i>Jw</i>	76.1 38.6 92 0.0 0.5 92	91.3 39.7 92	90.4 45.8 92	76.1 38.6 92	76.1 38.0 92		
27 <i>W</i>	95.4 0.0 -	0.0 0.0 -	95.4 0.0 -	95.4 0.0 -	95.4 0.0 -		

***H**_{ai0} = round (*H**_{a0})**

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

Für Eingabe **LCH***_{a0} (NRS18) und Ausgabe **H***_{aim} **H***_{eim} für 4 Systeme (*m*=0 bis 4)
Sechs CIELAB-Buntonwinkel des Gerätes ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);
Sechs CIELAB-Buntonwinkel des Gerätes TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);
Sechs CIELAB-Buntonwinkel des Gerätes NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);
Sechs CIELAB-Buntonwinkel des Gerätes SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

Nr.Farbe	->NRS18			>NRS18			ORS18		TLS00		NRS18		SRS18		
	LCH*	a ₀		n*, c*, H*	a _{i0}	H*	a _{i1}	H*	a _{i2}	H*	a _{i3}	H*	a _{i4}	H*	
01 N	18.0	0.0	-	1.0	0.0	-	-	-	-	-	-	-	-	-	
02 Bn	37.4	38.6	272	0.5	0.5	272	272	271	272	270	272	270	272	270	
03 B	56.7	77.2	272	0.0	1.0	272	272	271	272	270	272	270	272	270	
04 Gn	37.4	38.6	162	0.5	0.5	162	162	177	162	180	162	180	162	180	
05 C'n	37.4	38.7	217	0.5	0.5	217	217	224	217	225	217	225	217	225	
06 -	56.7	68.7	244	0.0	1.0	244	244	247	244	247	244	247	244	247	
07 G	56.7	77.2	162	0.0	1.0	162	162	177	162	180	162	180	162	180	
08 -	56.7	68.7	190	0.0	1.0	190	190	202	190	203	190	203	190	203	
09 C'	56.7	77.4	217	0.0	1.0	217	217	224	217	225	217	225	217	225	
10 Rn	37.4	38.5	25	0.5	0.5	25	25	0	25	359	25	359	25	359	
11 M'n	37.4	38.6	329	0.5	0.5	329	329	316	329	315	329	315	329	315	
12 -	56.7	68.0	300	0.0	1.0	300	300	293	300	292	300	292	300	292	
13 Gn	37.4	38.6	92	0.5	0.5	92	92	90	92	89	92	89	92	89	
14 Z	56.7	0.0	-	0.5	0.0	-	-	-	-	-	-	-	-	-	
15 Bw	76.1	38.6	272	0.0	0.5	272	272	271	272	270	272	270	272	270	
16 -	56.7	63.4	127	0.0	1.0	127	127	134	127	135	127	135	127	135	
17 Gw	76.1	38.6	162	0.0	0.5	162	162	177	162	180	162	180	162	180	
18 M'w	76.1	38.7	217	0.0	0.5	217	217	224	217	225	217	225	217	225	
19 R	56.7	77.1	25	0.0	1.0	25	25	0	25	359	25	359	25	359	
20 -	56.7	68.1	357	0.0	1.0	357	357	338	357	337	357	337	357	337	
21 M'	56.7	77.1	329	0.0	1.0	329	329	316	329	315	329	315	329	315	
22 -	56.7	64.6	59	0.0	1.0	59	59	46	59	45	59	45	59	45	
23 Rw	76.1	38.5	25	0.0	0.5	25	25	0	25	359	25	359	25	359	
24 M'w	76.1	38.6	329	0.0	0.5	329	329	316	329	315	329	315	329	315	
25 J	56.7	77.1	92	0.0	1.0	92	92	90	92	89	92	89	92	89	
26 Jw	76.1	38.6	92	0.0	0.5	92	92	90	92	89	92	89	92	89	
27 W	95.4	0.0	-	0.0	0.0	-	-	-	-	-	-	-	-	-	

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

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

Für Eingabe *nce**₃₀ (NRS18) 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);

<i>Nr.Farbe</i>	->NRS18 <i>nce</i> * ₃₀			->NRS18 <i>n</i> *, <i>c</i> *, <i>H</i> * _{ei0}			ORS18 <i>olv</i> * ₃₁			TLS00 <i>olv</i> * ₃₂			NRS18 <i>olv</i> * ₃₃			SRS18 <i>olv</i> * ₃₄		
01 <i>N</i>	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 <i>Bn</i>	0.5	0.5	0.75	0.5	0.5	270	0.0	0.24	0.5	0.0	0.16	0.5	0.0	0.0	0.5	0.02	0.0	0.5
03 <i>B</i>	0.0	1.0	0.75	0.0	1.0	270	0.0	0.48	1.0	0.0	0.31	1.0	0.0	0.0	1.0	0.03	0.0	1.0
04 <i>Gn</i>	0.5	0.5	0.5	0.5	0.5	180	0.0	0.5	0.07	0.0	0.5	0.22	0.0	0.5	0.0	0.0	0.5	0.1
05 <i>C'n</i>	0.5	0.5	0.63	0.5	0.5	225	0.0	0.5	0.39	0.0	0.41	0.5	0.0	0.5	0.5	0.0	0.44	0.5
06 -	0.0	1.0	0.69	0.0	1.0	247	0.0	0.88	1.0	0.0	0.57	1.0	0.0	0.51	1.0	0.0	0.43	1.0
07 <i>G</i>	0.0	1.0	0.5	0.0	1.0	180	0.0	1.0	0.13	0.0	1.0	0.43	0.0	1.0	0.0	0.0	1.0	0.2
08 -	0.0	1.0	0.56	0.0	1.0	203	0.0	1.0	0.46	0.0	1.0	0.89	0.0	1.0	0.51	0.0	1.0	0.67
09 <i>C'</i>	0.0	1.0	0.63	0.0	1.0	225	0.0	1.0	0.78	0.0	0.81	1.0	0.0	1.0	1.0	0.0	0.88	1.0
10 <i>Rn</i>	0.5	0.5	1.0	0.5	0.5	359	0.5	0.0	0.14	0.5	0.0	0.1	0.5	0.0	0.0	0.5	0.0	0.04
11 <i>M'n</i>	0.5	0.5	0.88	0.5	0.5	315	0.25	0.0	0.5	0.5	0.0	0.49	0.5	0.0	0.5	0.49	0.0	0.5
12 -	0.0	1.0	0.81	0.0	1.0	292	0.0	0.07	1.0	0.0	0.06	1.0	0.5	0.0	1.0	0.5	0.0	1.0
13 <i>Gn</i>	0.5	0.5	0.25	0.5	0.5	89	0.5	0.46	0.0	0.5	0.41	0.0	0.5	0.5	0.0	0.48	0.5	0.0
14 <i>Z</i>	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 <i>Bw</i>	0.0	0.5	0.75	0.0	0.5	270	0.5	0.74	1.0	0.5	0.66	1.0	0.5	0.5	1.0	0.52	0.5	1.0
16 -	0.0	1.0	0.38	0.0	1.0	135	0.44	1.0	0.0	0.27	1.0	0.0	0.5	1.0	0.0	0.38	1.0	0.0
17 <i>Gw</i>	0.0	0.5	0.5	0.0	0.5	180	0.5	1.0	0.57	0.5	1.0	0.72	0.5	1.0	0.5	0.5	1.0	0.6
18 <i>M'w</i>	0.0	0.5	0.63	0.0	0.5	225	0.5	1.0	0.89	0.5	0.91	1.0	0.5	1.0	1.0	0.5	0.94	1.0
19 <i>R</i>	0.0	1.0	1.0	0.0	1.0	359	1.0	0.0	0.29	1.0	0.0	0.21	1.0	0.0	0.01	1.0	0.0	0.08
20 -	0.0	1.0	0.94	0.0	1.0	337	1.0	0.0	0.92	1.0	0.0	0.6	1.0	0.0	0.5	1.0	0.0	0.55
21 <i>M'</i>	0.0	1.0	0.88	0.0	1.0	315	0.49	0.0	1.0	1.0	0.0	0.99	1.0	0.0	0.99	0.98	0.0	1.0
22 -	0.0	1.0	0.13	0.0	1.0	45	1.0	0.36	0.0	1.0	0.3	0.0	1.0	0.5	0.0	1.0	0.48	0.0
23 <i>Rw</i>	0.0	0.5	1.0	0.0	0.5	359	1.0	0.5	0.64	1.0	0.5	0.6	1.0	0.5	0.5	1.0	0.5	0.54
24 <i>M'w</i>	0.0	0.5	0.88	0.0	0.5	315	0.75	0.5	1.0	1.0	0.5	0.99	1.0	0.5	1.0	0.99	0.5	1.0
25 <i>J</i>	0.0	1.0	0.25	0.0	1.0	89	1.0	0.93	0.0	1.0	0.83	0.0	1.0	1.0	0.0	0.97	1.0	0.0
26 <i>Jw</i>	0.0	0.5	0.25	0.0	0.5	89	1.0	0.96	0.5	1.0	0.91	0.5	1.0	1.0	0.5	0.98	1.0	0.5
27 <i>W</i>	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} = round (360 *e**)

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

Für Eingabe ***nce**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);

<i>Nr.Farbe</i>	->NRS18 <i>nce</i> * ₃₀			->NRS18 <i>n*, c*, H*</i> _{ei0}			ORS18 <i>LCH</i> * _{a,M1}			TLS00 <i>LCH</i> * _{a,M2}			NRS18 <i>LCH</i> * _{a,M3}			SRS18 <i>LCH</i> * _{a,M4}			
01 <i>N</i>	1.0	0.0	-	1.0	0.0	-	48.1	74.1	-	54.6	90.6	-	56.7	68.1	-	56.7	67.1	-	
02 <i>Bn</i>	0.5	0.5	0.75	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 <i>B</i>	0.0	1.0	0.75	0.0	1.0	270	41.5	44.8	272	48.0	29.5	272	56.7	77.2	272	56.7	75.9	272	
04 <i>Gn</i>	0.5	0.5	0.5	0.5	0.5	180	51.9	62.1	162	85.0	99.7	162	56.7	77.2	162	56.7	70.5	162	
05 <i>C'n</i>	0.5	0.5	0.63	0.5	0.5	225	56.9	57.8	217	76.3	33.5	217	56.7	77.4	217	56.7	72.8	217	
06 -	0.0	1.0	0.69	0.0	1.0	247	54.8	50.0	244	62.4	27.9	244	56.7	68.7	244	56.7	67.2	244	
07 <i>G</i>	0.0	1.0	0.5	0.0	1.0	180	51.9	62.1	162	85.0	99.7	162	56.7	77.2	162	56.7	70.5	162	
08 -	0.0	1.0	0.56	0.0	1.0	203	54.4	53.1	190	86.5	109	190	56.7	68.7	190	56.7	68.1	190	
09 <i>C'</i>	0.0	1.0	0.63	0.0	1.0	225	56.9	57.8	217	76.3	33.5	217	56.7	77.4	217	56.7	72.8	217	
10 <i>Rn</i>	0.5	0.5	1.0	0.5	0.5	359	48.0	71.2	25	51.9	96.2	25	56.7	77.1	25	56.7	74.0	25	
11 <i>M'n</i>	0.5	0.5	0.88	0.5	0.5	315	36.8	49.4	329	57.2	110	329	56.7	77.1	329	56.7	76.6	329	
12 -	0.0	1.0	0.81	0.0	1.0	292	28.1	51.4	300	33.6	41.8	300	56.7	68.0	300	56.7	67.0	300	
13 <i>Gn</i>	0.5	0.5	0.25	0.5	0.5	89	87.2	79.4	92	85.4	91.5	92	56.7	77.1	92	56.7	75.9	92	
14 <i>Z</i>	0.5	0.0	-	0.5	0.0	-	48.1	74.1	-	54.6	90.6	-	56.7	68.1	-	56.7	67.1	-	
15 <i>Bw</i>	0.0	0.5	0.75	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 -	0.0	1.0	0.38	0.0	1.0	135	68.2	82.2	127	86.1	90.0	127	56.7	63.4	127	56.7	67.5	127	
17 <i>Gw</i>	0.0	0.5	0.5	0.0	0.5	180	51.9	62.1	162	85.0	99.7	162	56.7	77.2	162	56.7	70.5	162	
18 <i>M'w</i>	0.0	0.5	0.63	0.0	0.5	225	56.9	57.8	217	76.3	33.5	217	56.7	77.4	217	56.7	72.8	217	
19 <i>R</i>	0.0	1.0	1.0	0.0	1.0	359	48.0	71.2	25	51.9	96.2	25	56.7	77.1	25	56.7	74.0	25	
20 -	0.0	1.0	0.94	0.0	1.0	337	48.1	74.1	357	54.6	90.6	357	56.7	68.1	357	56.7	67.1	357	
21 <i>M'</i>	0.0	1.0	0.88	0.0	1.0	315	36.8	49.4	329	57.2	110	329	56.7	77.1	329	56.7	76.6	329	
22 -	0.0	1.0	0.13	0.0	1.0	45	63.3	72.7	59	63.2	87.7	59	56.7	64.6	59	56.7	67.0	59	
23 <i>Rw</i>	0.0	0.5	1.0	0.0	0.5	359	48.0	71.2	25	51.9	96.2	25	56.7	77.1	25	56.7	74.0	25	
24 <i>M'w</i>	0.0	0.5	0.88	0.0	0.5	315	36.8	49.4	329	57.2	110	329	56.7	77.1	329	56.7	76.6	329	
25 <i>J</i>	0.0	1.0	0.25	0.0	1.0	89	87.2	79.4	92	85.4	91.5	92	56.7	77.1	92	56.7	75.9	92	
26 <i>Jw</i>	0.0	0.5	0.25	0.0	0.5	89	87.2	79.4	92	85.4	91.5	92	56.7	77.1	92	56.7	75.9	92	
27 <i>W</i>	0.0	0.0	-	0.0	0.0	-	48.1	74.1	-	54.6	90.6	-	56.7	68.1	-	56.7	67.1	-	

***H**_{ei0} = round (360 *e**)**

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

Für Eingabe ***nce**₃₀** (NRS18) 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);

<i>Nr.Farbe</i>	->NRS18 <i>nce</i> * ₃₀			->NRS18 <i>n*, c*, H*</i> _{ei0}			ORS18 <i>LCH</i> * _{a1}			TLS00 <i>LCH</i> * _{a2}			NRS18 <i>LCH</i> * _{a3}			SRS18 <i>LCH</i> * _{a4}			
01 <i>N</i>	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 <i>Bn</i>	0.5	0.5	0.75	0.5	0.5	270	29.7	22.4	272	24.0	14.8	272	37.4	38.6	272	37.4	38.0	272	
03 <i>B</i>	0.0	1.0	0.75	0.0	1.0	270	41.5	44.8	272	48.0	29.5	272	56.7	77.2	272	56.7	75.9	272	
04 <i>Gn</i>	0.5	0.5	0.5	0.5	0.5	180	35.0	31.1	162	42.5	49.9	162	37.4	38.6	162	37.4	35.2	162	
05 <i>C'n</i>	0.5	0.5	0.63	0.5	0.5	225	37.5	28.9	217	38.1	16.7	217	37.4	38.7	217	37.4	36.4	217	
06 -	0.0	1.0	0.69	0.0	1.0	247	54.8	50.0	244	62.4	27.9	244	56.7	68.7	244	56.7	67.2	244	
07 <i>G</i>	0.0	1.0	0.5	0.0	1.0	180	51.9	62.1	162	85.0	99.7	162	56.7	77.2	162	56.7	70.5	162	
08 -	0.0	1.0	0.56	0.0	1.0	203	54.4	53.1	190	86.5	109	190	56.7	68.7	190	56.7	68.1	190	
09 <i>C'</i>	0.0	1.0	0.63	0.0	1.0	225	56.9	57.8	217	76.3	33.5	217	56.7	77.4	217	56.7	72.8	217	
10 <i>Rn</i>	0.5	0.5	1.0	0.5	0.5	359	33.0	35.6	25	26.0	48.1	25	37.4	38.5	25	37.4	37.0	25	
11 <i>M'n</i>	0.5	0.5	0.88	0.5	0.5	315	27.4	24.7	329	28.6	55.0	329	37.4	38.6	329	37.4	38.3	329	
12 -	0.0	1.0	0.81	0.0	1.0	292	28.1	51.4	300	33.6	41.8	300	56.7	68.0	300	56.7	67.0	300	
13 <i>Gn</i>	0.5	0.5	0.25	0.5	0.5	89	52.6	39.7	92	42.7	45.8	92	37.4	38.6	92	37.4	38.0	92	
14 <i>Z</i>	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 <i>Bw</i>	0.0	0.5	0.75	0.0	0.5	270	68.4	22.4	272	71.7	14.8	272	76.1	38.6	272	76.1	38.0	272	
16 -	0.0	1.0	0.38	0.0	1.0	135	68.2	82.2	127	86.1	90.0	127	56.7	63.4	127	56.7	67.5	127	
17 <i>Gw</i>	0.0	0.5	0.5	0.0	0.5	180	73.7	31.1	162	90.2	49.9	162	76.1	38.6	162	76.1	35.2	162	
18 <i>M'w</i>	0.0	0.5	0.63	0.0	0.5	225	76.2	28.9	217	85.8	16.7	217	76.1	38.7	217	76.1	36.4	217	
19 <i>R</i>	0.0	1.0	1.0	0.0	1.0	359	48.0	71.2	25	51.9	96.2	25	56.7	77.1	25	56.7	74.0	25	
20 -	0.0	1.0	0.94	0.0	1.0	337	48.1	74.1	357	54.6	90.6	357	56.7	68.1	357	56.7	67.1	357	
21 <i>M'</i>	0.0	1.0	0.88	0.0	1.0	315	36.8	49.4	329	57.2	110	329	56.7	77.1	329	56.7	76.6	329	
22 -	0.0	1.0	0.13	0.0	1.0	45	63.3	72.7	59	63.2	87.7	59	56.7	64.6	59	56.7	67.0	59	
23 <i>Rw</i>	0.0	0.5	1.0	0.0	0.5	359	71.7	35.6	25	73.7	48.1	25	76.1	38.5	25	76.1	37.0	25	
24 <i>M'w</i>	0.0	0.5	0.88	0.0	0.5	315	66.1	24.7	329	76.3	55.0	329	76.1	38.6	329	76.1	38.3	329	
25 <i>J</i>	0.0	1.0	0.25	0.0	1.0	89	87.2	79.4	92	85.4	91.5	92	56.7	77.1	92	56.7	75.9	92	
26 <i>Jw</i>	0.0	0.5	0.25	0.0	0.5	89	91.3	39.7	92	90.4	45.8	92	76.1	38.6	92	76.1	38.0	92	
27 <i>W</i>	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} = round (360 *e**)**

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

Für Eingabe ***n*_{ce}*₃₀** (NRS18) 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);

<i>Nr.Farbe</i>	->NRS18			->NRS18			ORS18		TLS00		NRS18		SRS18	
	<i>n</i> _{ce} * ₃₀	<i>n</i> _{ce} * ₃₀	<i>n</i> _{ce} * ₃₀	<i>n</i> _{ce} * ₃₀	<i>c</i> _{ce} * ₃₀	<i>H</i> _{ei0}	<i>H</i> _{ai1}	<i>H</i> _{ei1}	<i>H</i> _{ai2}	<i>H</i> _{ei2}	<i>H</i> _{ai3}	<i>H</i> _{ei3}	<i>H</i> _{ai4}	<i>H</i> _{ei4}
01 <i>N</i>	1.0	0.0	-	1.0	0.0	-	-	-	-	-	-	-	-	-
02 <i>Bn</i>	0.5	0.5	0.75	0.5	0.5	270	272	271	272	270	272	270	272	270
03 <i>B</i>	0.0	1.0	0.75	0.0	1.0	270	272	271	272	270	272	270	272	270
04 <i>Gn</i>	0.5	0.5	0.5	0.5	0.5	180	162	177	162	180	162	180	162	180
05 <i>C'n</i>	0.5	0.5	0.63	0.5	0.5	225	217	224	217	225	217	225	217	225
06 -	0.0	1.0	0.69	0.0	1.0	247	244	247	244	247	244	247	244	247
07 <i>G</i>	0.0	1.0	0.5	0.0	1.0	180	162	177	162	180	162	180	162	180
08 -	0.0	1.0	0.56	0.0	1.0	203	190	202	190	203	190	203	190	203
09 <i>C'</i>	0.0	1.0	0.63	0.0	1.0	225	217	224	217	225	217	225	217	225
10 <i>Rn</i>	0.5	0.5	1.0	0.5	0.5	359	25	0	25	359	25	359	25	359
11 <i>M'n</i>	0.5	0.5	0.88	0.5	0.5	315	329	316	329	315	329	315	329	315
12 -	0.0	1.0	0.81	0.0	1.0	292	300	293	300	292	300	292	300	292
13 <i>Gn</i>	0.5	0.5	0.25	0.5	0.5	89	92	90	92	89	92	89	92	89
14 <i>Z</i>	0.5	0.0	-	0.5	0.0	-	-	-	-	-	-	-	-	-
15 <i>Bw</i>	0.0	0.5	0.75	0.0	0.5	270	272	271	272	270	272	270	272	270
16 -	0.0	1.0	0.38	0.0	1.0	135	127	134	127	135	127	135	127	135
17 <i>Gw</i>	0.0	0.5	0.5	0.0	0.5	180	162	177	162	180	162	180	162	180
18 <i>M'w</i>	0.0	0.5	0.63	0.0	0.5	225	217	224	217	225	217	225	217	225
19 <i>R</i>	0.0	1.0	1.0	0.0	1.0	359	25	0	25	359	25	359	25	359
20 -	0.0	1.0	0.94	0.0	1.0	337	357	338	357	337	357	337	357	337
21 <i>M'</i>	0.0	1.0	0.88	0.0	1.0	315	329	316	329	315	329	315	329	315
22 -	0.0	1.0	0.13	0.0	1.0	45	59	46	59	45	59	45	59	45
23 <i>Rw</i>	0.0	0.5	1.0	0.0	0.5	359	25	0	25	359	25	359	25	359
24 <i>M'w</i>	0.0	0.5	0.88	0.0	0.5	315	329	316	329	315	329	315	329	315
25 <i>J</i>	0.0	1.0	0.25	0.0	1.0	89	92	90	92	89	92	89	92	89
26 <i>Jw</i>	0.0	0.5	0.25	0.0	0.5	89	92	90	92	89	92	89	92	89
27 <i>W</i>	0.0	0.0	-	0.0	0.0	-	-	-	-	-	-	-	-	-

***H*_{ei0} = round (360 *e**)**

