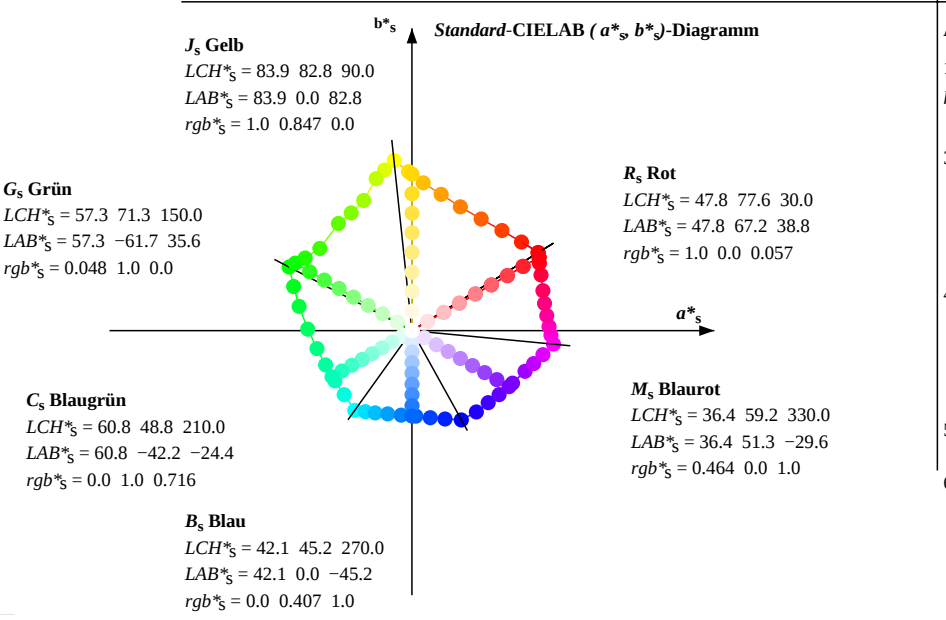
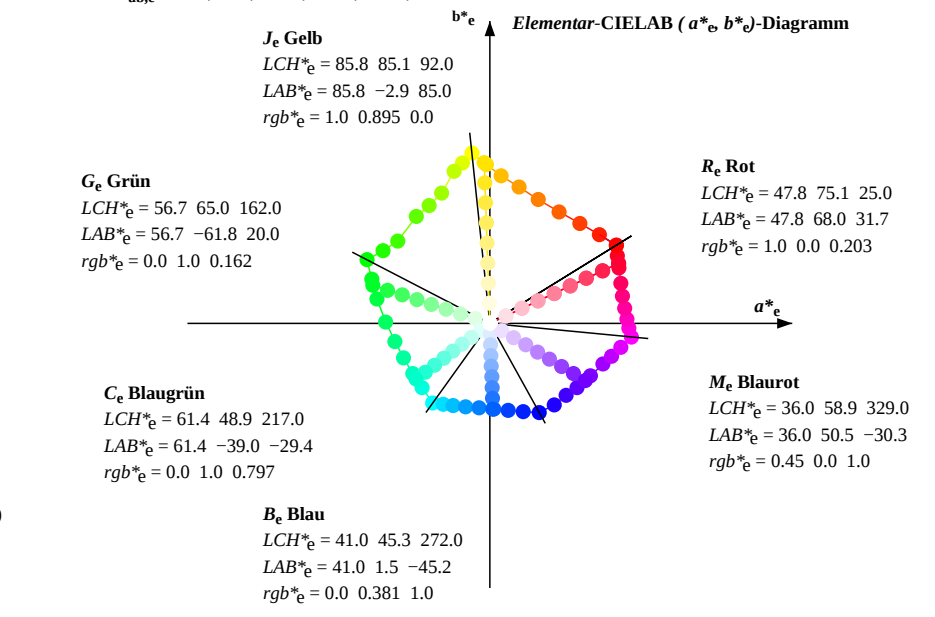
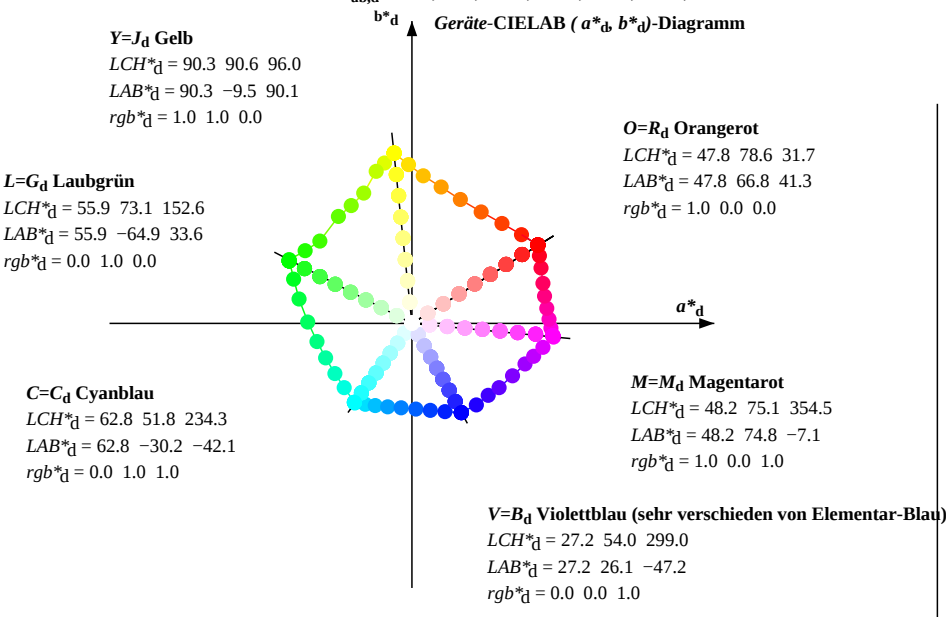




Anmerkung zu den CIELAB-Buntheits-Diagrammen (a^*_d, b^*_d), (a^*_s, b^*_s), (a^*_e, b^*_e)

- Für die rgb^*_d -Eingabedaten wurden die CIELAB-Daten LCH^*_d und LAB^*_d gemessen.
 $h_{ab,s} \ rgb^*_d$
 $h_{ab,s} = atan [r^*_d \cos(30) + g^*_d \cos(150)] / [r^*_d \sin(30) + g^*_d \sin(150) + b^*_d \sin(270)]$ (1)
- Für die 48 oder 360 gleichabständig gestuften Standard-Bunttonwinkel $h_{ab,s}$ der Farben von maximaler Buntheit benutze die sieben Bunttonwinkel der 60Grad-Farben s: $h_{ab,si} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$ ($i=0,6$) und die Gleichungen für einen 48- und 360-stufigen Bunttonkreis:
 $h_{48ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 8$ ($i = 0, 1, \dots, 5; j = 0, 1, \dots, 7$) (2)
 $h_{360ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 60$ ($i = 0, 1, \dots, 5; j = 0, 1, \dots, 59$) (3)
- Für die 48 oder 360 Elementar-Bunttonwinkel $h_{ab,e}$ der Farben von maximaler Buntheit benutze die sieben Bunttonwinkel der Elementar-Farben e: $h_{ab,ei} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5$ ($i=0,6$) und die Gleichungen für einen 48- und 360-stufigen Elementar-Bunttonkreis:
 $h_{48ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 8$ ($i = 0, 1, \dots, 5; j = 0, 1, \dots, 7$) (4)
 $h_{360ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 60$ ($i = 0, 1, \dots, 5; j = 0, 1, \dots, 59$) (5)
- Für jeden Elementar-Bunttonwinkel $h_{ab,e}$ gibt es einen genau definierten Geräte-Bunttonwinkel $h_{ab,d}$ siehe die folgenden Tabellen, Spalten 1 bis 3.
- Die Werte rgb^*_d erzeugen die Ausgabe der geräteunabhängigen Elementar-Bunttöne

Daten der Maximalfarbe M im Farbmatrik-System Offsetdruck ORS08_18_96; Separation cmyn4*, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben s: h _{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben d: h _{ab,d} = 31.7, 96.0, 152.6, 234.4, 299.0, 354.5; Sechs Bunttonwinkel der Elementarfarben e: h _{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6																																									
h _{ab,d} h _{ab,s} h _{ab,e}			rgb*d50M						LAB*d50Mx (x=LabCh)						rgb*s50M						rgb*de50M						LAB*de50Mx (x=LabCh)						rgb*e50M						rgb*d ₅₀ rgb*s ₅₀ rgb*d ₅₀		
31.7	30.0	25.5	1.0	0.0	0.0	47.8	66.9	41.3	78.6	31.7	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0									
39.0	37.5	33.8	1.0	0.125	0.0	52.0	58.0	46.9	74.6	39.0	1.0	0.108	0.0	51.4	59.2	46.3	75.2	38	1.0	0.125	0.0	1.0	0.039	0.0	49.1	64.1	43.3	77.4	34	1.0	0.125	0.0									
48.0	45.0	42.2	1.0	0.25	0.0	56.8	47.7	52.9	71.2	48.0	1.0	0.209	0.0	55.2	51.1	51.1	72.3	45	1.0	0.25	0.0	1.0	0.167	0.0	53.6	54.6	49.2	73.5	42	1.0	0.25	0.0									
58.2	52.5	50.5	1.0	0.375	0.0	62.4	36.7	59.0	69.5	58.2	1.0	0.312	0.0	59.6	42.3	56.2	70.4	53	1.0	0.375	0.0	1.0	0.287	0.0	58.5	44.5	54.9	70.7	51	1.0	0.375	0.0									
68.7	60.0	58.9	1.0	0.5	0.0	68.4	25.6	65.5	70.4	68.7	1.0	0.397	0.0	63.4	34.8	60.3	69.6	60	1.0	0.5	0.0	1.0	0.385	0.0	62.9	35.8	59.6	69.6	59	1.0	0.5	0.0									
77.9	67.5	67.2	1.0	0.625	0.0	74.1	15.5	72.1	73.8	77.9	1.0	0.492	0.0	68.0	26.3	65.2	70.3	68	1.0	0.625	0.0	1.0	0.48	0.0	67.4	27.4	64.6	70.2	67	1.0	0.625	0.0									
85.7	75.0	75.6	1.0	0.75	0.0	80.1	5.9	78.2	78.4	85.7	1.0	0.586	0.0	72.3	18.8	70.2	72.7	75	1.0	0.75	0.0	1.0	0.599	0.0	73.0	17.7	70.9	73.1	76	1.0	0.75	0.0									
91.2	82.5	84.0	1.0	0.875	0.0	85.0	-1.7	84.1	84.1	91.2	1.0	0.707	0.0	78.0	9.4	76.2	76.8	83	1.0	0.875	0.0	1.0	0.723	0.0	78.8	8.1	77.0	77.4	84	1.0	0.875	0.0									
96.0	90.0	92.3	1.0	1.0	0.0	90.3	-9.4	90.1	90.6	96.0	1.0	0.848	0.0	83.9	0.0	82.8	82.8	90	1.0	1.0	0.0	1.0	0.895	0.0	85.9	-2.9	85.1	85.1	92	1.0	1.0	0.0									
99.7	97.5	101.1	0.875	1.0	0.0	86.3	-14.4	84.9	86.2	99.7	0.933	1.0	0.0	88.1	-12.2	87.4	88.2	98	0.875	1.0	0.0	0.829	1.0	0.0	84.9	-16.1	83.3	84.9	101	0.875	1.0	0.0									
103.3	105.0	109.8	0.75	1.0	0.0	82.4	-18.9	80.4	82.6	103.3	0.719	1.0	0.0	81.3	-20.7	77.6	80.4	105	0.75	1.0	0.0	0.63	1.0	0.0	77.9	-25.2	69.4	73.9	110	0.75	1.0	0.0									
110.3	112.5	118.5	0.625	1.0	0.0	77.7	-25.4	68.9	73.5	110.3	0.576	1.0	0.0	76.0	-28.1	66.4	72.2	113	0.625	1.0	0.0	0.469	1.0	0.0	72.1	-33.7	61.0	69.7	119	0.625	1.0	0.0									
117.2	120.0	127.3	0.5	1.0	0.0	73.2	-31.9	62.3	70.1	117.2	0.452	1.0	0.0	71.4	-34.7	60.2	69.5	120	0.5	1.0	0.0	0.352	1.0	0.0	67.5	-40.8	54.3	68.0	127	0.5	1.0	0.0									
124.4	127.5	136.0	0.375	1.0	0.0	68.6	-38.7	56.6	68.7	124.4	0.343	1.0	0.0	67.1	-41.6	53.4	67.8	128	0.375	1.0	0.0	0.27	1.0	0.0	63.7	-47.3	45.8	65.9	136	0.375	1.0	0.0									
138.2	135.0	144.7	0.25	1.0	0.0	62.7	-48.7	43.5	65.4	138.2	0.279	1.0	0.0	64.1	-46.7	46.8	66.1	135	0.25	1.0	0.0	0.138	1.0	0.0	59.9	-55.6	39.0	68.0	145	0.25	1.0	0.0									
145.8	142.5	153.5	0.125	1.0	0.0	59.6	-56.4	38.4	68.3	145.8	0.171	1.0	0.0	60.7	-53.6	40.5	67.2	143	0.125	1.0	0.0	0.0	1.0	0.007	56.0	-64.8	33.1	72.8	153	0.125	1.0	0.0									
152.6	150.0	162.2	0.0	1.0	0.0	56.0	-64.9	33.7	73.2	152.6	0.048	1.0	0.0	57.4	-61.7	35.7	71.3	150	0.0	1.0	0.0	0.0	1.0	0.162	56.8	-61.8	20.1	65.0	162	0.0	1.0	0.0									
159.5	157.5	169.1	0.0	1.0	0.125	56.6	-62.4	23.4	66.7	159.5	0.0	1.0	0.098	56.5	-63.1	25.5	68.1	158	0.0	1.0	0.125	0.0	1.0	0.263	57.3	-59.3	11.5	60.5	169	0.0	1.0	0.125									
167.9	165.0	175.9	0.0	1.0	0.25	57.2	-59.6	12.9	61.1	167.9	0.0	1.0	0.207	57.0	-60.8	16.3	63.0	165	0.0	1.0	0.25	0.0	1.0	0.34	57.9	-56.5	4.0	56.8	176	0.0	1.0	0.25									
179.2	172.5	182.8	0.0	1.0	0.375	58.2	-55.0	0.8	55.1	179.2	0.0	1.0	0.307	57.6	-57.8	7.1	58.4	173	0.0	1.0	0.375	0.0	1.0	0.416	58.6	-53.6	-2.7	53.8	183	0.0	1.0	0.375									
190.8	180.0	189.6	0.0	1.0	0.5	59.3	-50.1	-9.4	51.1	190.8	0.0	1.0	0.384	58.3	-54.7	0.0	54.8	180	0.0	1.0	0.5	0.0	1.0	0.492	59.2	-50.5	-8.8	51.4	190	0.0	1.0	0.5									
201.8	187.5	196.4	0.0	1.0	0.625	60.1	-45.6	-18.1	49.2	201.8	0.0	1.0	0.47	59.0	-51.5	-7.1	52.1	188	0.0	1.0	0.625	0.0	1.0	0.559	59.7	-48.1	-13.7	50.2	196	0.0	1.0	0.625									
213.0	195.0	203.3	0.0	1.0	0.75	61.1	-40.7	-26.4	48.7	213.0	0.0	1.0	0.548	59.6	-48.5	-12.9	50.4	195	0.0	1.0	0.75	0.0	1.0	0.639	60.2	-45.1	-19.1	49.1	203	0.0	1.0	0.75									
223.4	202.5	210.1	0.0	1.0	0.875	62.1	-35.7	-33.8	49.3	223.4	0.0	1.0	0.639	60.2	-45.1	-19.1	49.1	203	0.0	1.0	0.875	0.0	1.0	0.716	60.8	-42.2	-24.3	48.8	210	0.0	1.0	0.875									
234.4	210.0	217.0	0.0	1.0	1.0	62.9	-30.1	-42.0	51.8	234.4	0.0	1.0	0.716	60.8	-42.2	-24.3	48.8	210	0.0	1.0	1.0	0.0	0.0	1.0	0.798	61.5	-39.0	-29.3	48.9	217	0.0	1.0	1.0								
240.1	217.5	223.8	0.0	0.875	1.0	58.7	-24.5	-42.8	49.4	240.1	0.0	1.0	0.81	61.6	-38.5	-30.1	49.0	218	0.0	0.87																					

Daten der Maximalfarbe M im Farbmatrik-System Offsetdruck ORS08_18_96; Separation cmyn4*, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben s: h _{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben d: h _{ab,d} = 31.7, 96.0, 152.6, 234.4, 299.0, 354.5; Sechs Bunttonwinkel der Elementarfarben e: h _{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6																																								
h _{ab,d}		h _{ab,s}		h _{ab,e}		rgb* _{dd} 361Mi				LAB* _{dd} 361Mix (x=LabCh)				rgb* _{ds} 361Mi				LAB* _{ds} 361Mix (x=LabCh)				rgb* _{s50M}				rgb* _{de} 361Mi				LAB* _{de} 361Mix (x=LabCh)				rgb* _{e50M}				rgb* _{dd} rgb* _{ds} rgb* _{de}		
76	75	76	1.0	0.599	0.0	73.0	17.7	70.9	73.1	76	1.0	0.586	0.0	72.3	18.8	70.2	72.7	75	1.0	0.75	0.0	1.0	0.599	0.0	73.0	17.7	70.9	73.1	76	1.0	0.75	0.0								
77	76	77	1.0	0.613	0.0	73.6	16.5	71.6	73.4	77	1.0	0.599	0.0	73.0	17.7	70.9	73.1	76	1.0	0.767	0.0	1.0	0.613	0.0	73.6	16.5	71.6	73.4	77	1.0	0.767	0.0								
78	77	78	1.0	0.627	0.0	74.2	15.4	72.2	73.8	78	1.0	0.613	0.0	73.6	16.5	71.6	73.4	77	1.0	0.783	0.0	1.0	0.627	0.0	74.2	15.4	72.2	73.8	78	1.0	0.783	0.0								
79	78	79	1.0	0.643	0.0	75.0	14.2	73.1	74.4	79	1.0	0.627	0.0	74.2	15.4	72.2	73.8	78	1.0	0.8	0.0	1.0	0.643	0.0	75.0	14.2	73.1	74.4	79	1.0	0.8	0.0								
80	79	80	1.0	0.659	0.0	75.7	13.0	73.9	75.0	80	1.0	0.643	0.0	75.0	14.2	73.1	74.4	79	1.0	0.817	0.0	1.0	0.659	0.0	75.7	13.0	73.9	75.0	80	1.0	0.817	0.0								
81	80	81	1.0	0.675	0.0	76.5	11.8	74.7	75.6	81	1.0	0.659	0.0	75.7	13.0	73.9	75.0	80	1.0	0.833	0.0	1.0	0.675	0.0	76.5	11.8	74.7	75.6	81	1.0	0.833	0.0								
82	81	82	1.0	0.691	0.0	77.3	10.6	75.5	76.2	82	1.0	0.675	0.0	76.5	11.8	74.7	75.6	81	1.0	0.85	0.0	1.0	0.691	0.0	77.3	10.6	75.5	76.2	82	1.0	0.85	0.0								
83	82	83	1.0	0.707	0.0	78.0	9.4	76.2	76.8	83	1.0	0.691	0.0	77.3	10.6	75.5	76.2	82	1.0	0.867	0.0	1.0	0.707	0.0	78.0	9.4	76.2	76.8	83	1.0	0.867	0.0								
84	83	85	1.0	0.723	0.0	78.8	8.1	77.0	77.4	84	1.0	0.707	0.0	78.0	9.4	76.2	76.8	83	1.0	0.883	0.0	1.0	0.739	0.0	79.5	6.8	77.7	78.0	85	1.0	0.883	0.0								
85	84	86	1.0	0.739	0.0	79.5	6.8	77.7	78.0	85	1.0	0.723	0.0	78.8	8.1	77.0	77.4	84	1.0	0.9	0.0	1.0	0.758	0.0	80.4	5.5	78.6	78.8	86	1.0	0.9	0.0								
86	85	87	1.0	0.758	0.0	80.4	5.5	78.6	78.8	86	1.0	0.739	0.0	79.5	6.8	77.7	78.0	85	1.0	0.917	0.0	1.0	0.78	0.0	81.3	4.2	79.7	79.8	87	1.0	0.917	0.0								
87	86	88	1.0	0.78	0.0	81.3	4.2	79.7	79.8	87	1.0	0.758	0.0	80.4	5.5	78.6	78.8	86	1.0	0.933	0.0	1.0	0.803	0.0	82.2	2.8	80.7	80.8	88	1.0	0.933	0.0								
88	87	89	1.0	0.803	0.0	82.2	2.8	80.7	80.8	88	1.0	0.78	0.0	81.3	4.2	79.7	79.8	87	1.0	0.95	0.0	1.0	0.825	0.0	83.0	1.4	81.8	81.8	89	1.0	0.95	0.0								
89	88	90	1.0	0.825	0.0	83.0	1.4	81.8	81.8	89	1.0	0.803	0.0	82.2	2.8	80.7	80.8	88	1.0	0.967	0.0	1.0	0.848	0.0	83.9	0.0	82.8	82.8	90	1.0	0.967	0.0								
90	89	91	1.0	0.848	0.0	83.9	0.0	82.8	82.8	90	1.0	0.825	0.0	83.0	1.4	81.8	81.8	89	1.0	0.983	0.0	1.0	0.87	0.0	84.8	-1.4	83.9	83.9	91	1.0	0.983	0.0								
91	90	92	1.0	0.87	0.0	84.8	-1.4	83.9	83.9	91	1.0	0.848	0.0	83.9	0.0	82.8	82.8	90	1.0	1.0	0.0	1.0	0.895	0.0	85.9	-2.9	85.1	85.1	92	1.0	1.0	0.0	0.0	J _s	J _e					
92	91	93	1.0	0.895	0.0	85.9	-2.9	85.1	85.1	92	1.0	0.87	0.0	84.8	-1.4	83.9	83.9	91	0.983	1.0	0.0	1.0	0.921	0.0	87.0	-4.4	86.4	86.5	93	0.983	1.0	0.0								
93	92	95	1.0	0.921	0.0	87.0	-4.4	86.4	86.5	93	1.0	0.895	0.0	85.9	-2.9	85.1	85.1	92	0.967	1.0	0.0	1.0	0.973	0.0	89.2	-7.7	88.9	89.2	95	0.967	1.0	0.0								
94	93	96	1.0	0.947	0.0	88.1	-6.0	87.6	87.9	94	1.0	0.921	0.0	87.0	-4.4	86.4	86.5	93	0.95	1.0	0.0	1.0	0.999	0.0	90.3	-9.4	90.1	90.6	96	0.95	1.0	0.0								
95	94	97	1.0	0.973	0.0	89.2	-7.7	88.9	89.2	95	1.0	0.947	0.0	88.1	-6.0	87.6	87.9	94	0.933	1.0	0.0	0.967	1.0	0.0	89.2	-10.8	88.8	89.4	97	0.933	1.0	0.0								
96	95	98	1.0	0.999	0.0	90.3	-9.4	90.1	90.6	96	1.0	0.973	0.0	89.2	-7.7	88.9	89.2	95	0.917	1.0	0.0	0.933	1.0	0.0	88.1	-12.2	87.4	88.2	98	0.917	1.0	0.0								
97	96	99	0.967	1.0	0.0	89.2	-10.8	88.8	89.4	97	1.0	0.999	0.0	90.3	-9.4	90.1	90.6	96	0.9	1.0	0.0	0.898	1.0	0.0	87.0	-13.5	85.9	87.0	99	0.9	1.0	0.0								
98	97	100	0.933	1.0	0.0	88.1	-12.2	87.4	88.2	98	0.967	1.0	0.0	89.2	-10.8	88.8	89.4	97	0.883	1.0	0.0	0.864	1.0	0.0	86.0	-14.8	84.6	85.9	100	0.883	1.0	0.0								
99	98	102	0.898	1.0	0.0	87.0	-13.5	85.9	87.0	99	0.933	1.0	0.0	88.1	-12.2	87.4	88.2	98	0.867	1.0	0.0	0.795	1.0	0.0	83.8	-17.3	82.0	83.9	102	0.867	1.0	0.0								
100	99	103	0.864	1.0	0.0	86.0	-14.8	84.6	85.9	100	0.898	1.0	0.0	87.0	-13.5	85.9	87.0	99	0.85	1.0	0.0	0.76	1.0	0.0	82.7	-18.5	80.8	82.9	103	0.85	1.0	0.0								
101	100	104	0.829	1.0	0.0	84.9	-16.1	83.3	84.9	101	0.864	1.0	0.0	86.0	-14.8	84.6	85.9	100	0.833	1.0	0.0	0.737	1.0	0.0	81.9	-19.7	79.3	81.7	104	0.833	1.0	0.0								
102	101	105	0.795	1.0	0.0	83.8	-17.3	82.0	83.9	102	0.829	1.0	0.0	84.9	-16.1	83.3	84.9	101	0.817	1.0	0.0	0.719	1.0	0.0	81.3	-20.7	77.6	80.4	105	0.817	1.0	0.0								
103	102	106	0.76	1.0	0.0	82.7	-18.5	80.8	82.9	103	0.795	1.0	0.0	83.8	-17.3	82.0	83.9	102	0.8	1.0	0.0	0.702	1.0	0.0	80.6	-21.7	76.0	79.1	106	0.8	1.0	0.0								
104	103	107	0.737	1.0	0.0	81.9	-19.7	79.3	81.7	104	0.76	1.0	0.0	82.7	-18.5	80.8	82.9	103	0.783	1.0	0.0	0.684	1.0	0.0	79.9	-22.6	74.4	77.8	107	0.783	1.0	0.0								
105	104	109	0.719	1.0	0.0	81.3	-20.7	77.6	80.4	105	0.737	1.0	0.0	81.9	-19.7	79.3	81.7	104	0.767	1.0	0.0	0.648	1.0	0.0	78.6	-24.4	71.1	75.2	109	0.767	1.0	0.0								
106	105	110	0.702	1.0	0.0	80.6	-21.7	76.0	79.1	106	0.719	1.0	0.0	81.3	-20.7	77.6	80.4	105	0.75	1.0	0.0	0.63	1.0	0.0	77.9	-25.2	69.4	73.9	110	0.75	1.0	0.0								
107	106	111	0.684	1.0	0.0	79.9	-22.6	74.4	77.8	107	0.702	1.0	0.0	80.6	-21.7	76.0	79.1	106	0.733	1.0	0.0	0.612	1.0	0.0	77.3	-26.1	68.3	73.1	111	0.733	1.0	0.0								
108	107	112	0.666	1.0	0.0	79.3	-23.5	72.7	76.5	108	0.684	1.0	0.0	79.9	-22.6	74.4	77.8	107	0.717	1.0	0.0	0.594	1.0	0.0	76.6	-27.1	67.4													

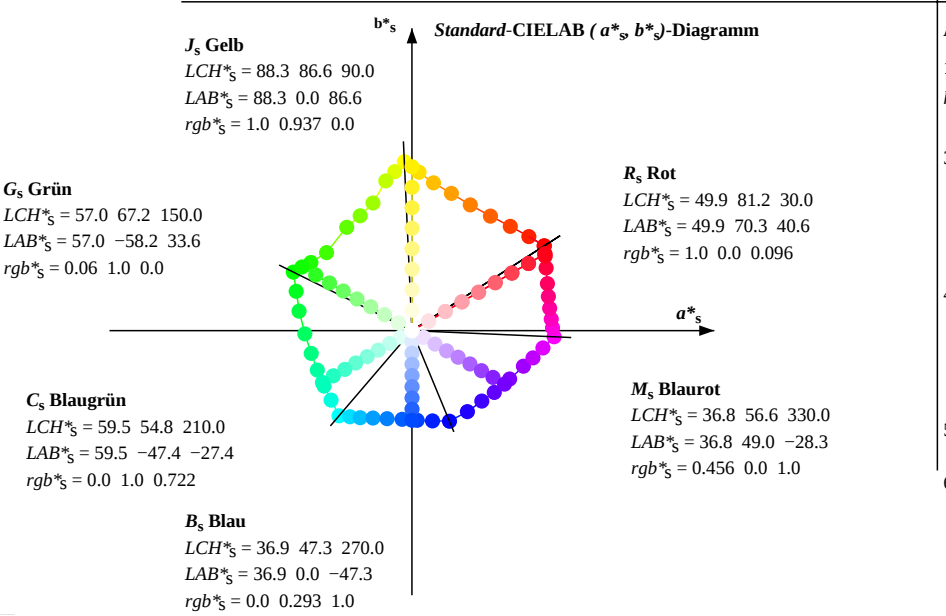
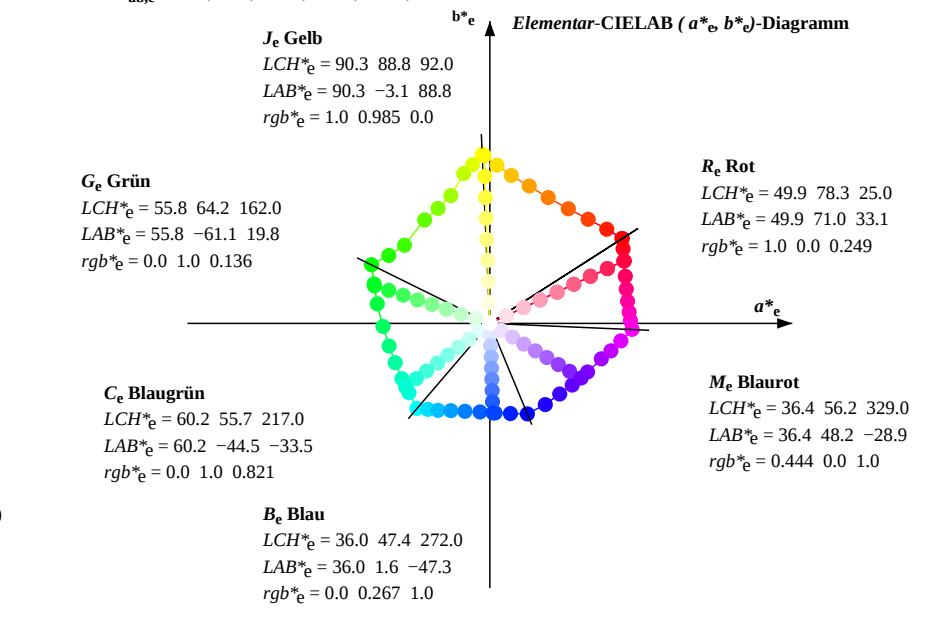
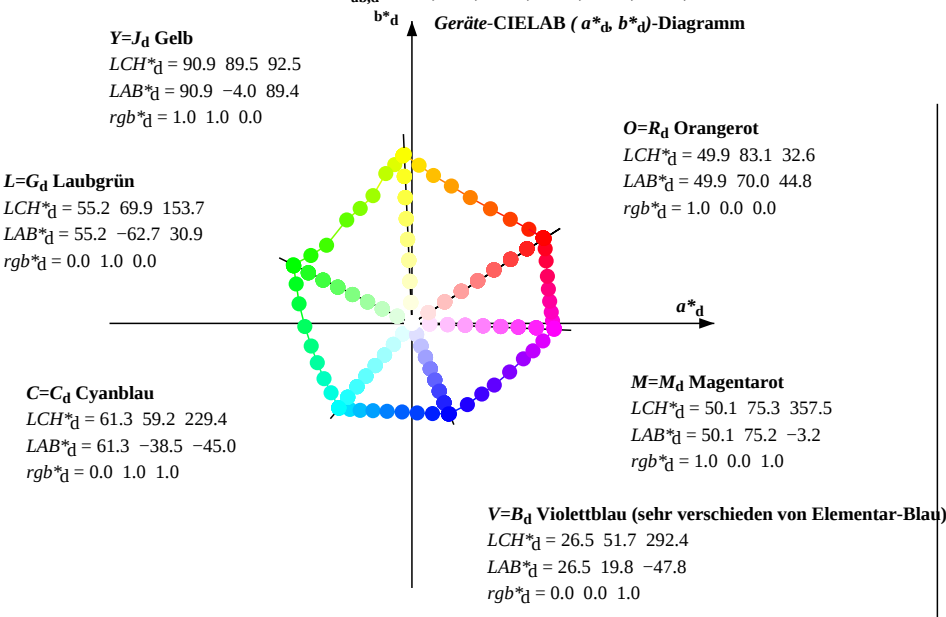
Daten der Maximalfarbe M im Farbmatrik-System Offsetdruck ORS08_18_96; Separation cmyn4*, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben s: h _{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben d: h _{ab,d} = 31.7, 96.0, 152.6, 234.4, 299.0, 354.5; Sechs Bunttonwinkel der Elementarfarben e: h _{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6																																											
h _{ab,d}		h _{ab,s}		h _{ab,e}		rgb* _{dd361Mi}				LAB* _{dd361Mix} (x=LabCh)				rgb* _{ds361Mi}				LAB* _{ds361Mix} (x=LabCh)				rgb* _{s50M}				rgb* _{de361Mi}				LAB* _{de361Mix} (x=LabCh)				rgb* _{e50M}				rgb* _{dd}		rgb* _{ds}		rgb* _{de}	
166	165	176	0.0	1.0	0.222	57.1	-60.4	15.1	62.3	166	0.0	1.0	0.207	57.0	-60.8	16.3	63.0	165	0.0	1.0	0.25	0.0	1.0	0.34	57.9	-56.5	4.0	56.8	176	0.0	1.0	0.25											
167	166	177	0.0	1.0	0.237	57.1	-60.0	13.9	61.7	167	0.0	1.0	0.222	57.1	-60.4	15.1	62.3	166	0.0	1.0	0.267	0.0	1.0	0.351	58.0	-56.1	2.9	56.2	177	0.0	1.0	0.267											
168	167	178	0.0	1.0	0.252	57.2	-59.6	12.7	61.0	168	0.0	1.0	0.237	57.1	-60.0	13.9	61.7	167	0.0	1.0	0.283	0.0	1.0	0.362	58.1	-55.6	1.9	55.7	178	0.0	1.0	0.283											
169	168	179	0.0	1.0	0.263	57.3	-59.3	11.5	60.5	169	0.0	1.0	0.252	57.2	-59.6	12.7	61.0	168	0.0	1.0	0.3	0.0	1.0	0.373	58.2	-55.1	1.0	55.2	179	0.0	1.0	0.3											
170	169	180	0.0	1.0	0.274	57.4	-58.9	10.4	60.0	170	0.0	1.0	0.263	57.3	-59.3	11.5	60.5	169	0.0	1.0	0.317	0.0	1.0	0.384	58.3	-54.7	0.0	54.8	180	0.0	1.0	0.317											
171	170	180	0.0	1.0	0.285	57.5	-58.6	9.3	59.4	171	0.0	1.0	0.274	57.4	-58.9	10.4	60.0	170	0.0	1.0	0.333	0.0	1.0	0.384	58.3	-54.7	0.0	54.8	180	0.0	1.0	0.333											
172	171	181	0.0	1.0	0.296	57.5	-58.2	8.2	58.9	172	0.0	1.0	0.285	57.5	-58.6	9.3	59.4	171	0.0	1.0	0.35	0.0	1.0	0.394	58.4	-54.4	-0.9	54.5	181	0.0	1.0	0.35											
173	172	182	0.0	1.0	0.307	57.6	-57.8	7.1	58.4	173	0.0	1.0	0.296	57.5	-58.2	8.2	58.9	172	0.0	1.0	0.367	0.0	1.0	0.405	58.5	-54.0	-1.8	54.1	182	0.0	1.0	0.367											
174	173	183	0.0	1.0	0.318	57.7	-57.4	6.0	57.8	174	0.0	1.0	0.307	57.6	-57.8	7.1	58.4	173	0.0	1.0	0.383	0.0	1.0	0.416	58.6	-53.6	-2.7	53.8	183	0.0	1.0	0.383											
175	174	184	0.0	1.0	0.329	57.8	-57.0	5.0	57.3	175	0.0	1.0	0.318	57.7	-57.4	6.0	57.8	174	0.0	1.0	0.4	0.0	1.0	0.427	58.7	-53.2	-3.6	53.4	184	0.0	1.0	0.4											
176	175	185	0.0	1.0	0.34	57.9	-56.5	4.0	56.8	176	0.0	1.0	0.329	57.8	-57.0	5.0	57.3	175	0.0	1.0	0.417	0.0	1.0	0.438	58.8	-52.8	-4.5	53.1	185	0.0	1.0	0.417											
177	176	186	0.0	1.0	0.351	58.0	-56.1	2.9	56.2	177	0.0	1.0	0.34	57.9	-56.5	4.0	56.8	176	0.0	1.0	0.433	0.0	1.0	0.448	58.9	-52.4	-5.4	52.7	186	0.0	1.0	0.433											
178	177	187	0.0	1.0	0.362	58.1	-55.6	1.9	55.7	178	0.0	1.0	0.351	58.0	-56.1	2.9	56.2	177	0.0	1.0	0.45	0.0	1.0	0.459	59.0	-51.9	-6.3	52.4	187	0.0	1.0	0.45											
179	178	188	0.0	1.0	0.373	58.2	-55.1	1.0	55.2	179	0.0	1.0	0.362	58.1	-55.6	1.9	55.7	178	0.0	1.0	0.467	0.0	1.0	0.47	59.0	-51.5	-7.1	52.1	188	0.0	1.0	0.467											
180	179	189	0.0	1.0	0.384	58.3	-54.7	0.0	54.8	180	0.0	1.0	0.373	58.2	-55.1	1.0	55.2	179	0.0	1.0	0.483	0.0	1.0	0.481	59.1	-51.0	-8.0	51.7	189	0.0	1.0	0.483											
181	180	190	0.0	1.0	0.394	58.4	-54.4	-0.9	54.5	181	0.0	1.0	0.384	58.3	-54.7	0.0	54.8	180	0.0	1.0	0.5	0.0	1.0	0.492	59.2	-50.5	-8.8	51.4	190	0.0	1.0	0.5											
182	181	191	0.0	1.0	0.405	58.5	-54.0	-1.8	54.1	182	0.0	1.0	0.394	58.4	-54.4	-0.9	54.5	181	0.0	1.0	0.517	0.0	1.0	0.503	59.3	-50.0	-9.6	51.1	191	0.0	1.0	0.517											
183	182	191	0.0	1.0	0.416	58.6	-53.6	-2.7	53.8	183	0.0	1.0	0.405	58.5	-54.0	-1.8	54.1	182	0.0	1.0	0.533	0.0	1.0	0.503	59.3	-50.0	-9.6	51.1	191	0.0	1.0	0.533											
184	183	192	0.0	1.0	0.427	58.7	-53.2	-3.6	53.4	184	0.0	1.0	0.416	58.6	-53.6	-2.7	53.8	183	0.0	1.0	0.55	0.0	1.0	0.514	59.4	-49.7	-10.5	50.9	192	0.0	1.0	0.55											
185	184	193	0.0	1.0	0.438	58.8	-52.8	-4.5	53.1	185	0.0	1.0	0.427	58.7	-53.2	-3.6	53.4	184	0.0	1.0	0.567	0.0	1.0	0.525	59.5	-49.3	-11.3	50.7	193	0.0	1.0	0.567											
186	185	194	0.0	1.0	0.448	58.9	-52.4	-5.4	52.7	186	0.0	1.0	0.438	58.8	-52.8	-4.5	53.1	185	0.0	1.0	0.583	0.0	1.0	0.537	59.5	-48.9	-12.1	50.5	194	0.0	1.0	0.583											
187	186	195	0.0	1.0	0.459	59.0	-51.9	-6.3	52.4	187	0.0	1.0	0.448	58.9	-52.4	-5.4	52.7	186	0.0	1.0	0.6	0.0	1.0	0.548	59.6	-48.5	-12.9	50.4	195	0.0	1.0	0.6											
188	187	196	0.0	1.0	0.47	59.0	-51.5	-7.1	52.1	188	0.0	1.0	0.459	59.0	-51.9	-6.3	52.4	187	0.0	1.0	0.617	0.0	1.0	0.559	59.7	-48.1	-13.7	50.2	196	0.0	1.0	0.617											
189	188	197	0.0	1.0	0.481	59.1	-51.0	-8.0	51.7	189	0.0	1.0	0.47	59.0	-51.5	-7.1	52.1	188	0.0	1.0	0.633	0.0	1.0	0.571	59.7	-47.7	-14.5	50.0	197	0.0	1.0	0.633											
190	189	198	0.0	1.0	0.492	59.2	-50.5	-8.8	51.4	190	0.0	1.0	0.481	59.1	-51.0	-8.0	51.7	189	0.0	1.0	0.65	0.0	1.0	0.582	59.8	-47.3	-15.3	49.8	198	0.0	1.0	0.65											
191	190	199	0.0	1.0	0.503	59.3	-50.0	-9.6	51.1	191	0.0	1.0	0.492	59.2	-50.5	-8.8	51.4	190	0.0	1.0	0.667	0.0	1.0	0.594	59.9	-46.8	-16.1	49.7	199	0.0	1.0	0.667											
192	191	200	0.0	1.0	0.514	59.4	-49.7	-10.5	50.9	192	0.0	1.0	0.503	59.3	-50.0	-9.6	51.1	191	0.0	1.0	0.683	0.0	1.0	0.605	59.9	-46.4	-16.8	49.5	200	0.0	1.0	0.683											
193	192	201	0.0	1.0	0.525	59.5	-49.3	-11.3	50.7	193	0.0	1.0	0.514	59.4	-49.7	-10.5	50.9	192	0.0	1.0	0.7	0.0	1.0	0.616	60.0	-45.9	-17.6	49.3	201	0.0	1.0	0.7											
194	193	201	0.0	1.0	0.537	59.5	-48.9	-12.1	50.5	194	0.0	1.0	0.525	59.5	-49.3	-11.3	50.7	193	0.0	1.0	0.717	0.0	1.0	0.616	60.0	-45.9	-17.6	49.3	201	0.0	1.0	0.717											
195	194	202	0.0	1.0	0.548	59.6	-48.5	-12.9	50.4	195	0.0	1.0	0.537	59.5	-48.9	-12.1	50.5	194	0.0	1.0	0.733	0.0	1.0	0.628	60.1	-45.5	-18.3	49.2	202	0.0	1.0	0.733											
196	195	203	0.0	1.0	0.559	59.7	-48.1	-13.7	50.2	196	0.0	1.0	0.548	59.6	-48.5	-12.9	50.4	195	0.0	1.0	0.75	0.0	1.0	0.639	60.2	-45.1	-19.1	49.1	203	0.0	1.0	0.75											
197	196	204	0.0	1.0	0.571	59.7	-47.7	-14.5	50.0	197	0.0</																																

Daten der Maximalfarbe M im Farbmatrik-System Offsetdruck ORS08_18_96; Separation cmyn4*, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Sechs Bunttonwinkel der Gerätefarben d: $h_{ab,d} = 31.7, 96.0, 152.6, 234.4, 299.0, 354.5$; Sechs Bunttonwinkel der Elementarfarben e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$			$h_{ab,e}$	rgb^*_{d} dd361Mi							LAB^*_{d} dd361Mix (x=LabCh)							rgb^*_{s} ds361Mi							LAB^*_{s} ds361Mix (x=LabCh)							rgb^*_{s} s50M							rgb^*_{d} de361Mi							LAB^*_{d} de361Mix (x=LabCh)							rgb^*_{s} e50M							rgb^*_{d}	rgb^*_{s}	rgb^*_{d}	rgb^*_{s}
256	255	258	0.0	0.595	1.0	49.3	-10.9	-44.2	45.7	256	0.0	0.609	1.0	49.8	-11.7	-44.1	45.8	255	0.0	0.25	1.0	0.0	0.566	1.0	48.2	-9.4	-44.4	45.5	258	0.0	0.25	1.0																															
257	256	259	0.0	0.58	1.0	48.8	-10.2	-44.3	45.6	257	0.0	0.595	1.0	49.3	-10.9	-44.2	45.7	256	0.0	0.233	1.0	0.0	0.552	1.0	47.7	-8.6	-44.5	45.4	259	0.0	0.233	1.0																															
258	257	260	0.0	0.566	1.0	48.2	-9.4	-44.4	45.5	258	0.0	0.58	1.0	48.8	-10.2	-44.3	45.6	257	0.0	0.217	1.0	0.0	0.538	1.0	47.2	-7.8	-44.5	45.3	260	0.0	0.217	1.0																															
259	258	261	0.0	0.552	1.0	47.7	-8.6	-44.5	45.4	259	0.0	0.566	1.0	48.2	-9.4	-44.4	45.5	258	0.0	0.2	1.0	0.0	0.524	1.0	46.7	-7.0	-44.5	45.2	261	0.0	0.2	1.0																															
260	259	262	0.0	0.538	1.0	47.2	-7.8	-44.5	45.3	260	0.0	0.552	1.0	47.7	-8.6	-44.5	45.4	259	0.0	0.183	1.0	0.0	0.51	1.0	46.2	-6.2	-44.6	45.1	262	0.0	0.183	1.0																															
261	260	263	0.0	0.524	1.0	46.7	-7.0	-44.5	45.2	261	0.0	0.538	1.0	47.2	-7.8	-44.5	45.3	260	0.0	0.167	1.0	0.0	0.496	1.0	45.7	-5.4	-44.6	45.1	263	0.0	0.167	1.0																															
262	261	264	0.0	0.51	1.0	46.2	-6.2	-44.6	45.1	262	0.0	0.524	1.0	46.7	-7.0	-44.5	45.2	261	0.0	0.15	1.0	0.0	0.483	1.0	45.2	-4.6	-44.7	45.1	264	0.0	0.15	1.0																															
263	262	264	0.0	0.496	1.0	45.7	-5.4	-44.6	45.1	263	0.0	0.51	1.0	46.2	-6.2	-44.6	45.1	262	0.0	0.133	1.0	0.0	0.483	1.0	45.2	-4.6	-44.7	45.1	264	0.0	0.133	1.0																															
264	263	265	0.0	0.483	1.0	45.2	-4.6	-44.7	45.1	264	0.0	0.496	1.0	45.7	-5.4	-44.6	45.1	263	0.0	0.117	1.0	0.0	0.471	1.0	44.6	-3.8	-44.8	45.1	265	0.0	0.117	1.0																															
265	264	266	0.0	0.471	1.0	44.6	-3.8	-44.8	45.1	265	0.0	0.483	1.0	45.2	-4.6	-44.7	45.1	264	0.0	0.1	1.0	0.0	0.458	1.0	44.1	-3.0	-44.9	45.1	266	0.0	0.1	1.0																															
266	265	267	0.0	0.458	1.0	44.1	-3.0	-44.9	45.1	266	0.0	0.471	1.0	44.6	-3.8	-44.8	45.1	265	0.0	0.083	1.0	0.0	0.445	1.0	43.6	-2.3	-45.0	45.2	267	0.0	0.083	1.0																															
267	266	268	0.0	0.445	1.0	43.6	-2.3	-45.0	45.2	267	0.0	0.458	1.0	44.1	-3.0	-44.9	45.1	266	0.0	0.067	1.0	0.0	0.433	1.0	43.1	-1.5	-45.1	45.2	268	0.0	0.067	1.0																															
268	267	269	0.0	0.433	1.0	43.1	-1.5	-45.1	45.2	268	0.0	0.445	1.0	43.6	-2.3	-45.0	45.2	267	0.0	0.05	1.0	0.0	0.42	1.0	42.6	-0.7	-45.1	45.2	269	0.0	0.05	1.0																															
269	268	270	0.0	0.42	1.0	42.6	-0.7	-45.1	45.2	269	0.0	0.433	1.0	43.1	-1.5	-45.1	45.2	268	0.0	0.033	1.0	0.0	0.407	1.0	42.1	0.0	-45.2	45.3	270	0.0	0.033	1.0																															
270	269	271	0.0	0.407	1.0	42.1	0.0	-45.2	45.3	270	0.0	0.42	1.0	42.6	-0.7	-45.1	45.2	269	0.0	0.017	1.0	0.0	0.394	1.0	41.6	0.8	-45.2	45.3	271	0.0	0.017	1.0																															
271	270	272	0.0	0.394	1.0	41.6	0.8	-45.2	45.3	271	0.0	0.407	1.0	42.1	0.0	-45.2	45.3	270	0.0	0.0	1.0B _s	0.0	0.382	1.0	41.1	1.6	-45.2	45.3	272	0.0	0.0	1.0B _e	0.0	0.0	1.0B _e																												
272	271	273	0.0	0.382	1.0	41.1	1.6	-45.2	45.3	272	0.0	0.394	1.0	41.6	0.8	-45.2	45.3	271	0.017	0.0	1.0	0.0	0.369	1.0	40.6	2.4	-45.3	45.4	273	0.017	0.0	1.0																															
273	272	274	0.0	0.369	1.0	40.6	2.4	-45.3	45.4	273	0.0	0.382	1.0	41.1	1.6	-45.2	45.3	272	0.033	0.0	1.0	0.0	0.355	1.0	40.1	3.2	-45.4	45.6	274	0.033	0.0	1.0																															
274	273	275	0.0	0.355	1.0	40.1	3.2	-45.4	45.6	274	0.0	0.369	1.0	40.6	2.4	-45.3	45.4	273	0.05	0.0	1.0	0.0	0.342	1.0	39.6	4.0	-45.5	45.8	275	0.05	0.0	1.0																															
275	274	276	0.0	0.342	1.0	39.6	4.0	-45.5	45.8	275	0.0	0.355	1.0	40.1	3.2	-45.4	45.6	274	0.067	0.0	1.0	0.0	0.329	1.0	39.2	4.8	-45.6	46.0	276	0.067	0.0	1.0																															
276	275	276	0.0	0.329	1.0	39.2	4.8	-45.6	46.0	276	0.0	0.342	1.0	39.6	4.0	-45.5	45.8	275	0.083	0.0	1.0	0.0	0.329	1.0	39.2	4.8	-45.6	46.0	276	0.083	0.0	1.0																															
277	276	277	0.0	0.315	1.0	38.7	5.6	-45.7	46.2	277	0.0	0.329	1.0	39.2	4.8	-45.6	46.0	276	0.1	0.0	1.0	0.0	0.315	1.0	38.7	5.6	-45.7	46.2	277	0.1	0.0	1.0																															
278	277	278	0.0	0.302	1.0	38.2	6.5	-45.8	46.3	278	0.0	0.315	1.0	38.7	5.6	-45.7	46.2	277	0.117	0.0	1.0	0.0	0.302	1.0	38.2	6.5	-45.8	46.3	278	0.117	0.0	1.0																															
279	278	279	0.0	0.289	1.0	37.7	7.3	-45.9	46.5	279	0.0	0.302	1.0	38.2	6.5	-45.8	46.3	278	0.133	0.0	1.0	0.0	0.289	1.0	37.7	7.3	-45.9	46.5	279	0.133	0.0	1.0																															
280	279	280	0.0	0.275	1.0	37.3	8.1	-45.9	46.7	280	0.0	0.289	1.0	37.7	7.3	-45.9	46.5	279	0.15	0.0	1.0	0.0	0.275	1.0	37.3	8.1	-45.9	46.7	280	0.15	0.0	1.0																															
281	280	281	0.0	0.262	1.0	36.8	8.9	-45.9	46.9	281	0.0	0.275	1.0	37.3	8.1	-45.9	46.7	280	0.167	0.0	1.0	0.0	0.262	1.0	36.8	8.9	-45.9	46.9	281	0.167	0.0	1.0																															
282	281	282	0.0	0.249	1.0	36.3	9.8	-46.0	47.1	282	0.0	0.262	1.0	36.8	8.9	-45.9	46.9	281	0.183	0.0	1.0	0.0	0.249	1.0	36.3	9.8	-46.0	47.1	282	0.183	0.0	1.0																															
283	282	283	0.0	0.234	1.0	35.8	10.7	-46.1	47.4	283	0.0	0.249	1.0	36.3	9.8	-46.0	47.1	282	0.2	0.0	1.0	0.0	0.234	1.0	35.8	10.7	-46.1	47.4	283	0.2	0.0	1.0																															
284	283	284	0.0	0.22	1.0	35.2	11.6	-46.2	47.8	284	0.0	0.234	1.0	35.8	10.7	-46.1	47.4	283	0.217	0.0	1.0	0.0	0.22	1.0	35.2	11.6	-46.2	47.8	284	0.217	0.0	1.0																															
285	284	285	0.0	0.205	1.0	34.7	12.4	-46.4	48.1	285	0.0	0.22	1.0	35.2	11.6	-46.2	47.8	284	0.233	0.0	1.0	0.0	0.205	1.0	34.7	12.4	-46.4	48.1	285	0.233	0.0	1.0																															
286	285	286	0.0	0.191	1.0	34.2	13.3	-46.4	48.4	286	0.0	0.205	1.0	34.7	12.4	-46.4	48.1	285	0.25	0.0	1.0	0.0	0.191	1.0	34.2	13.3	-46.4	48.4	286	0.25	0.0	1.0																															
287	286	287	0.0	0.177	1.0	33.7	14.3	-46.5	48.7	287	0.0	0.191	1.0	34.2	13.3	-46.4	48.4	286	0.267	0.0	1.0	0.0	0.177	1.0	33.7	14.3	-46.5	48.7	287	0.267	0.0	1.0																															
288	287	288	0.0	0.162	1.0	33.1	15.2	-46.6	49.1	288	0.0	0.177	1.0	33.7	14.3	-46.5	48.7	287	0.283	0.0	1.0	0.0	0.162	1.0	33.1	15.2	-46.6	49.1	288	0.283	0.0	1.0																															
289	288	289	0.0	0.148	1.0																																																										

Daten der Maximalfarbe M im Farbmatrik-System Offsetdruck ORS08_18_96; Separation cmyn4*, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Sechs Bunttonwinkel der Gerätefarben d: $h_{ab,d} = 31.7, 96.0, 152.6, 234.4, 299.0, 354.5$; Sechs Bunttonwinkel der Elementarfarben e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$			$h_{ab,e}$	$rgb^*_{ab}d361Mi$		$LAB^*_{ab}d361Mix(x=LabCh)$				$rgb^*_{ab}s361Mi$			$LAB^*_{ab}s361Mix(x=LabCh)$				$rgb^*_{ab}s50M$			$rgb^*_{ab}e361Mi$			$LAB^*_{ab}e361Mix(x=LabCh)$				$rgb^*_{ab}e50M$			$rgb^*_{ab}d$	$rgb^*_{ab}s$	$rgb^*_{ab}e$			
301	300	300	0.027	0.0	1.0	27.6	27.9	-46.3	54.2	301	0.013	0.0	1.0	27.4	27.0	-46.7	54.1	300	0.5	0.0	1.0	0.013	0.0	1.0	27.4	27.0	-46.7	54.1	300	0.5	0.0	1.0			
302	301	301	0.04	0.0	1.0	27.9	28.8	-45.9	54.3	302	0.027	0.0	1.0	27.6	27.9	-46.3	54.2	301	0.517	0.0	1.0	0.027	0.0	1.0	27.6	27.9	-46.3	54.2	301	0.517	0.0	1.0			
303	302	302	0.054	0.0	1.0	28.1	29.6	-45.5	54.4	303	0.04	0.0	1.0	27.9	28.8	-45.9	54.3	302	0.533	0.0	1.0	0.04	0.0	1.0	27.9	28.8	-45.9	54.3	302	0.533	0.0	1.0			
304	303	303	0.067	0.0	1.0	28.3	30.5	-45.1	54.5	304	0.054	0.0	1.0	28.1	29.6	-45.5	54.4	303	0.55	0.0	1.0	0.054	0.0	1.0	28.1	29.6	-45.5	54.4	303	0.55	0.0	1.0			
305	304	304	0.08	0.0	1.0	28.5	31.3	-44.6	54.6	305	0.067	0.0	1.0	28.3	30.5	-45.1	54.5	304	0.567	0.0	1.0	0.067	0.0	1.0	28.3	30.5	-45.1	54.5	304	0.567	0.0	1.0			
306	305	305	0.094	0.0	1.0	28.7	32.1	-44.1	54.7	306	0.08	0.0	1.0	28.5	31.3	-44.6	54.6	305	0.583	0.0	1.0	0.08	0.0	1.0	28.5	31.3	-44.6	54.6	305	0.583	0.0	1.0			
307	306	306	0.107	0.0	1.0	28.9	32.9	-43.6	54.8	307	0.094	0.0	1.0	28.7	32.1	-44.1	54.7	306	0.6	0.0	1.0	0.094	0.0	1.0	28.7	32.1	-44.1	54.7	306	0.6	0.0	1.0			
308	307	307	0.121	0.0	1.0	29.1	33.8	-43.1	54.8	308	0.107	0.0	1.0	28.9	32.9	-43.6	54.8	307	0.617	0.0	1.0	0.107	0.0	1.0	28.9	32.9	-43.6	54.8	307	0.617	0.0	1.0			
309	308	308	0.135	0.0	1.0	29.3	34.6	-42.6	54.9	309	0.121	0.0	1.0	29.1	33.8	-43.1	54.8	308	0.633	0.0	1.0	0.121	0.0	1.0	29.1	33.8	-43.1	54.8	308	0.633	0.0	1.0			
310	309	309	0.15	0.0	1.0	29.6	35.4	-42.0	55.0	310	0.135	0.0	1.0	29.3	34.6	-42.6	54.9	309	0.65	0.0	1.0	0.135	0.0	1.0	29.3	34.6	-42.6	54.9	309	0.65	0.0	1.0			
311	310	310	0.165	0.0	1.0	29.8	36.1	-41.5	55.1	311	0.15	0.0	1.0	29.6	35.4	-42.0	55.0	310	0.667	0.0	1.0	0.15	0.0	1.0	29.6	35.4	-42.0	55.0	310	0.667	0.0	1.0			
312	311	311	0.18	0.0	1.0	30.0	36.9	-40.9	55.1	312	0.165	0.0	1.0	29.8	36.1	-41.5	55.1	311	0.683	0.0	1.0	0.165	0.0	1.0	29.8	36.1	-41.5	55.1	311	0.683	0.0	1.0			
313	312	312	0.195	0.0	1.0	30.2	37.7	-40.3	55.2	313	0.18	0.0	1.0	30.0	36.9	-40.9	55.1	312	0.7	0.0	1.0	0.18	0.0	1.0	30.0	36.9	-40.9	55.1	312	0.7	0.0	1.0			
314	313	312	0.21	0.0	1.0	30.4	38.4	-39.7	55.3	314	0.195	0.0	1.0	30.2	37.7	-40.3	55.2	313	0.717	0.0	1.0	0.18	0.0	1.0	30.0	36.9	-40.9	55.1	312	0.717	0.0	1.0			
315	314	313	0.225	0.0	1.0	30.6	39.1	-39.0	55.4	315	0.21	0.0	1.0	30.4	38.4	-39.7	55.3	314	0.733	0.0	1.0	0.195	0.0	1.0	30.2	37.7	-40.3	55.2	313	0.733	0.0	1.0			
316	315	314	0.24	0.0	1.0	30.8	39.9	-38.4	55.4	316	0.225	0.0	1.0	30.6	39.1	-39.0	55.4	315	0.75	0.0	1.0	0.21	0.0	1.0	30.4	38.4	-39.7	55.3	314	0.75	0.0	1.0			
317	316	315	0.256	0.0	1.0	31.1	40.6	-37.8	55.6	317	0.24	0.0	1.0	30.8	39.9	-38.4	55.4	316	0.767	0.0	1.0	0.225	0.0	1.0	30.6	39.1	-39.0	55.4	315	0.767	0.0	1.0			
318	317	316	0.274	0.0	1.0	31.5	41.5	-37.2	55.8	318	0.256	0.0	1.0	31.1	40.6	-37.8	55.6	317	0.783	0.0	1.0	0.24	0.0	1.0	30.8	39.9	-38.4	55.4	316	0.783	0.0	1.0			
319	318	317	0.292	0.0	1.0	31.9	42.3	-36.7	56.1	319	0.274	0.0	1.0	31.5	41.5	-37.2	55.8	318	0.8	0.0	1.0	0.256	0.0	1.0	31.1	40.6	-37.8	55.6	317	0.8	0.0	1.0			
320	319	318	0.31	0.0	1.0	32.3	43.1	-36.1	56.3	320	0.292	0.0	1.0	31.9	42.3	-36.7	56.1	319	0.817	0.0	1.0	0.274	0.0	1.0	31.5	41.5	-37.2	55.8	318	0.817	0.0	1.0			
321	320	319	0.328	0.0	1.0	32.8	43.9	-35.5	56.5	321	0.31	0.0	1.0	32.3	43.1	-36.1	56.3	320	0.833	0.0	1.0	0.292	0.0	1.0	31.9	42.3	-36.7	56.1	319	0.833	0.0	1.0			
322	321	320	0.346	0.0	1.0	33.2	44.8	-34.9	56.8	322	0.328	0.0	1.0	32.8	43.9	-35.5	56.5	321	0.85	0.0	1.0	0.31	0.0	1.0	32.3	43.1	-36.1	56.3	320	0.85	0.0	1.0			
323	322	321	0.364	0.0	1.0	33.6	45.6	-34.2	57.0	323	0.346	0.0	1.0	33.2	44.8	-34.9	56.8	322	0.867	0.0	1.0	0.328	0.0	1.0	32.8	43.9	-35.5	56.5	321	0.867	0.0	1.0			
324	323	322	0.381	0.0	1.0	34.0	46.4	-33.6	57.3	324	0.364	0.0	1.0	33.6	45.6	-34.2	57.0	323	0.883	0.0	1.0	0.346	0.0	1.0	33.2	44.8	-34.9	56.8	322	0.883	0.0	1.0			
325	324	323	0.395	0.0	1.0	34.4	47.2	-33.0	57.6	325	0.381	0.0	1.0	34.0	46.4	-33.6	57.3	324	0.9	0.0	1.0	0.364	0.0	1.0	33.6	45.6	-34.2	57.0	323	0.9	0.0	1.0			
326	325	324	0.409	0.0	1.0	34.8	48.1	-32.3	58.0	326	0.395	0.0	1.0	34.4	47.2	-33.0	57.6	325	0.917	0.0	1.0	0.381	0.0	1.0	34.0	46.4	-33.6	57.3	324	0.917	0.0	1.0			
327	326	325	0.423	0.0	1.0	35.2	48.9	-31.6	58.3	327	0.409	0.0	1.0	34.8	48.1	-32.3	58.0	326	0.933	0.0	1.0	0.395	0.0	1.0	34.4	47.2	-33.0	57.6	325	0.933	0.0	1.0			
328	327	326	0.437	0.0	1.0	35.6	49.7	-31.0	58.6	328	0.423	0.0	1.0	35.2	48.9	-31.6	58.3	327	0.95	0.0	1.0	0.409	0.0	1.0	34.8	48.1	-32.3	58.0	326	0.95	0.0	1.0			
329	328	327	0.451	0.0	1.0	36.0	50.5	-30.3	58.9	329	0.437	0.0	1.0	35.6	49.7	-31.0	58.6	328	0.967	0.0	1.0	0.423	0.0	1.0	35.2	48.9	-31.6	58.3	327	0.967	0.0	1.0			
330	329	328	0.465	0.0	1.0	36.4	51.3	-29.5	59.3	330	0.451	0.0	1.0	36.0	50.5	-30.3	58.9	329	0.983	0.0	1.0	0.437	0.0	1.0	35.6	49.7	-31.0	58.6	328	0.983	0.0	1.0			
331	330	329	0.479	0.0	1.0	36.8	52.1	-28.8	59.6	331	0.465	0.0	1.0	36.4	51.3	-29.5	59.3	330	1.0	0.0	1.0M _s	0.451	0.0	1.0	36.0	50.5	-30.3	58.9	329	1.0	0.0	1.0M _e			
332	331	330	0.493	0.0	1.0	37.2	52.9	-28.0	59.9	332	0.479	0.0	1.0	36.8	52.1	-28.8	59.6	331	1.0	0.0	0.983	0.465	0.0	1.0	36.4	51.3	-29.5	59.3	330	1.0	0.0	0.983			
333	332	331	0.508	0.0	1.0	37.6	53.7	-27.3	60.3	333	0.493	0.0	1.0	37.2	52.9	-28.0	59.9	332	1.0	0.0	0.967	0.479	0.0	1.0	36.8	52.1	-28.8	59.6	331	1.0	0.0	0.967			
334	333	331	0.524	0.0	1.0	37.9	54.6	-26.5	60.7	334	0.508																								



Anmerkung zu den CIELAB-Buntheits-Diagrammen (a^*_d, b^*_d), (a^*_s, b^*_s), (a^*_e, b^*_e)

- Für die rgb^*_d -Eingabedaten wurden die CIELAB-Daten LCH^*_d und LAB^*_d gemessen.
- $$h_{ab,s} \ rgb^*_d$$
$$h_{ab,s} = atan [r^*_d \cos(30) + g^*_d \cos(150)] / [r^*_d \sin(30) + g^*_d \sin(150) + b^*_d \sin(270)] \quad (1)$$
- Für die 48 oder 360 gleichabständig gestuften Standard-Buntonwinkel $h_{ab,s}$ der Farben von maximaler Buntheit benutze die sieben Bunttonwinkel der 60Grad-Farben s: $h_{ab,si} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$ ($i=0,6$) und die Gleichungen für einen 48- und 360-stufigen Bunttonkreis:
$$h_{48ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$
$$h_{360ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (3)$$
- Für die 48 oder 360 Elementar-Buntonwinkel $h_{ab,e}$ der Farben von maximaler Buntheit benutze die sieben Bunttonwinkel der Elementar-Farben e: $h_{ab,ei} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5$ ($i=0,6$) und die Gleichungen für einen 48- und 360-stufigen Elementar-Buntonkreis:
$$h_{48ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$
$$h_{360ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (5)$$
- Für jeden Elementar-Buntonwinkel $h_{ab,e}$ gibt es einen genau definierten Geräte-Buntonwinkel $h_{ab,d}$ siehe die folgenden Tabellen, Spalten 1 bis 3.
- Die Werte rgb^*_de erzeugen die Ausgabe der geräteunabhängigen Elementar-Bunttöne

Daten der Maximalfarbe M im Farbmatrik-System Offsetdruck ORS08_18_96; Separation cmyn4*, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Sechs Bunttonwinkel der Gerätefarben d: $h_{ab,d} = 32.7, 92.6, 153.7, 229.4, 292.5, 357.5$; Sechs Bunttonwinkel der Elementarfarben e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																													
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{\text{d}}d361Mi$					$LAB^*_{\text{d}}d361Mix(x=LabCh)$					$rgb^*_{\text{d}}s361Mi$					$LAB^*_{\text{d}}s361Mix(x=LabCh)$					$rgb^*_{\text{s}}s50M$					$rgb^*_{\text{d}}e361Mi$					$LAB^*_{\text{d}}e361Mix(x=LabCh)$					$rgb^*_{\text{e}}e50M$					rgb^*_{d}	rgb^*_{s}	rgb^*_{e}
77	75	76	1.0	0.674	0.0	77.4	17.3	75.0	76.9	77	1.0	0.642	0.0	75.9	19.7	73.4	76.0	75	1.0	0.75	0.0	1.0	0.658	0.0	76.7	18.5	74.2	76.5	76	1.0	0.75	0.0													
78	76	77	1.0	0.69	0.0	78.2	16.1	75.7	77.4	78	1.0	0.658	0.0	76.7	18.5	74.2	76.5	76	1.0	0.767	0.0	1.0	0.674	0.0	77.4	17.3	75.0	76.9	77	1.0	0.767	0.0													
79	77	78	1.0	0.706	0.0	78.9	14.9	76.4	77.8	79	1.0	0.674	0.0	77.4	17.3	75.0	76.9	77	1.0	0.783	0.0	1.0	0.69	0.0	78.2	16.1	75.7	77.4	78	1.0	0.783	0.0													
80	78	79	1.0	0.723	0.0	79.6	13.6	77.1	78.3	80	1.0	0.69	0.0	78.2	16.1	75.7	77.4	78	1.0	0.8	0.0	1.0	0.706	0.0	78.9	14.9	76.4	77.8	79	1.0	0.8	0.0													
81	79	80	1.0	0.739	0.0	80.4	12.3	77.8	78.7	81	1.0	0.706	0.0	78.9	14.9	76.4	77.8	79	1.0	0.817	0.0	1.0	0.723	0.0	79.6	13.6	77.1	78.3	80	1.0	0.817	0.0													
82	80	81	1.0	0.757	0.0	81.2	11.0	78.5	79.3	82	1.0	0.723	0.0	79.6	13.6	77.1	78.3	80	1.0	0.833	0.0	1.0	0.739	0.0	80.4	12.3	77.8	78.7	81	1.0	0.833	0.0													
83	81	82	1.0	0.778	0.0	82.0	9.8	79.5	80.1	83	1.0	0.739	0.0	80.4	12.3	77.8	78.7	81	1.0	0.85	0.0	1.0	0.757	0.0	81.2	11.0	78.5	79.3	82	1.0	0.85	0.0													
84	82	83	1.0	0.8	0.0	82.9	8.5	80.5	81.0	84	1.0	0.757	0.0	81.2	11.0	78.5	79.3	82	1.0	0.867	0.0	1.0	0.778	0.0	82.0	9.8	79.5	80.1	83	1.0	0.867	0.0													
85	83	85	1.0	0.822	0.0	83.7	7.1	81.5	81.8	85	1.0	0.778	0.0	82.0	9.8	79.5	80.1	83	1.0	0.883	0.0	1.0	0.822	0.0	83.7	7.1	81.5	81.8	85	1.0	0.883	0.0													
86	84	86	1.0	0.844	0.0	84.6	5.8	82.4	82.6	86	1.0	0.8	0.0	82.9	8.5	80.5	81.0	84	1.0	0.9	0.0	1.0	0.844	0.0	84.6	5.8	82.4	82.6	86	1.0	0.9	0.0													
87	85	87	1.0	0.865	0.0	85.4	4.4	83.3	83.4	87	1.0	0.822	0.0	83.7	7.1	81.5	81.8	85	1.0	0.917	0.0	1.0	0.865	0.0	85.4	4.4	83.3	83.4	87	1.0	0.917	0.0													
88	86	88	1.0	0.888	0.0	86.3	2.9	84.4	84.4	88	1.0	0.844	0.0	84.6	5.8	82.4	82.6	86	1.0	0.933	0.0	1.0	0.888	0.0	86.3	2.9	84.4	84.4	88	1.0	0.933	0.0													
89	87	89	1.0	0.913	0.0	87.4	1.5	85.5	85.5	89	1.0	0.865	0.0	85.4	4.4	83.3	83.4	87	1.0	0.95	0.0	1.0	0.913	0.0	87.4	1.5	85.5	85.5	89	1.0	0.95	0.0													
90	88	90	1.0	0.937	0.0	88.4	0.0	86.7	86.7	90	1.0	0.888	0.0	86.3	2.9	84.4	84.4	88	1.0	0.967	0.0	1.0	0.937	0.0	88.4	0.0	86.7	86.7	90	1.0	0.967	0.0													
91	89	91	1.0	0.962	0.0	89.4	-1.4	87.8	87.8	91	1.0	0.913	0.0	87.4	1.5	85.5	85.5	89	1.0	0.983	0.0	1.0	0.962	0.0	89.4	-1.4	87.8	87.8	91	1.0	0.983	0.0													
92	90	92	1.0	0.986	0.0	90.4	-3.0	88.8	88.9	92	J_d	1.0	0.937	0.0	88.4	0.0	86.7	86.7	90	1.0	1.0	0.0	J_s	1.0	0.986	0.0	90.4	-3.0	88.8	88.9	92	1.0	1.0	0.0	J_e										
93	91	93	0.985	1.0	0.0	90.5	-4.6	88.8	88.9	93		1.0	0.962	0.0	89.4	-1.4	87.8	87.8	91	0.983	1.0	0.0		0.985	1.0	0.0	90.5	-4.6	88.8	88.9	93	0.983	1.0	0.0											
94	92	95	0.951	1.0	0.0	89.3	-6.0	87.4	87.6	94		1.0	0.986	0.0	90.4	-3.0	88.8	88.9	92	0.967	1.0	0.0		0.917	1.0	0.0	88.2	-7.4	85.9	86.2	95	0.967	1.0	0.0											
95	93	96	0.917	1.0	0.0	88.2	-7.4	85.9	86.2	95		0.985	1.0	0.0	90.5	-4.6	88.8	88.9	93	0.95	1.0	0.0		0.883	1.0	0.0	87.1	-8.8	84.4	84.8	96	0.95	1.0	0.0											
96	94	97	0.883	1.0	0.0	87.1	-8.8	84.4	84.8	96		0.951	1.0	0.0	89.3	-6.0	87.4	87.6	94	0.933	1.0	0.0		0.849	1.0	0.0	86.0	-10.1	83.1	83.7	97	0.933	1.0	0.0											
97	95	98	0.849	1.0	0.0	86.0	-10.1	83.1	83.7	97		0.917	1.0	0.0	88.2	-7.4	85.9	86.2	95	0.917	1.0	0.0		0.814	1.0	0.0	84.9	-11.4	81.8	82.6	98	0.917	1.0	0.0											
98	96	99	0.814	1.0	0.0	84.9	-11.4	81.8	82.6	98		0.883	1.0	0.0	87.1	-8.8	84.4	84.8	96	0.9	1.0	0.0		0.78	1.0	0.0	83.8	-12.6	80.4	81.5	99	0.9	1.0	0.0											
99	97	100	0.78	1.0	0.0	83.8	-12.6	80.4	81.5	99		0.849	1.0	0.0	86.0	-10.1	83.1	83.7	97	0.883	1.0	0.0		0.748	1.0	0.0	82.7	-13.8	79.1	80.3	100	0.883	1.0	0.0											
100	98	102	0.748	1.0	0.0	82.7	-13.8	79.1	80.3	100		0.814	1.0	0.0	84.9	-11.4	81.8	82.6	98	0.867	1.0	0.0		0.713	1.0	0.0	81.3	-16.0	75.9	77.5	102	0.867	1.0	0.0											
101	99	103	0.73	1.0	0.0	82.0	-15.0	77.5	78.9	101		0.78	1.0	0.0	83.8	-12.6	80.4	81.5	99	0.85	1.0	0.0		0.695	1.0	0.0	80.6	-17.0	74.2	76.2	103	0.85	1.0	0.0											
102	100	104	0.713	1.0	0.0	81.3	-16.0	75.9	77.5	102		0.748	1.0	0.0	82.7	-13.8	79.1	80.3	100	0.833	1.0	0.0		0.677	1.0	0.0	80.0	-18.0	72.6	74.8	104	0.833	1.0	0.0											
103	101	105	0.695	1.0	0.0	80.6	-17.0	74.2	76.2	103		0.73	1.0	0.0	82.0	-15.0	77.5	78.9	101	0.817	1.0	0.0		0.66	1.0	0.0	79.3	-18.9	70.9	73.4	105	0.817	1.0	0.0											
104	102	106	0.677	1.0	0.0	80.0	-18.0	72.6	74.8	104		0.713	1.0	0.0	81.3	-16.0	75.9	77.5	102	0.8	1.0	0.0		0.642	1.0	0.0	78.6	-19.8	69.2	72.0	106	0.8	1.0	0.0											
105	103	107	0.66	1.0	0.0	79.3	-18.9	70.9	73.4	105		0.695	1.0	0.0	80.6	-17.0	74.2	76.2	103	0.783	1.0	0.0		0.624	1.0	0.0	77.9	-20.6	67.6	70.7	107	0.783	1.0	0.0											
106	104	109	0.642	1.0	0.0	78.6	-19.8	69.2	72.0	106		0.677	1.0	0.0	80.0	-18.0	72.6	74.8	104	0.767	1.0	0.0		0.59	1.0	0.0	76.6	-22.6	65.8	69.6	109	0.767	1.0	0.0											
107	105	110	0.624	1.0	0.0	77.9	-20.6	67.6	70.7	107		0.66	1.0	0.0	79.3	-18.9	70.9	73.4	105	0.75	1.0	0.0		0.573	1.0	0.0	76.0	-23.5	64.9	69.0	110	0.75	1.0	0.0											
108	106	111	0.607	1.0	0.0	77.3	-21.6	66.7	70.1	108		0.642	1.0	0.0	78.6	-19.8	69.2	72.0	106	0.733	1.0	0.0		0.556	1.0	0.0	75.3	-24.4	63.9	68.5	111	0.733	1.0	0.0											
109	107	112	0.59	1.0	0.0	76																																							

Daten der Maximalfarbe M im Farbmatrik-System Offsetdruck ORS08_18_96; Separation cmyn4*, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Sechs Bunttonwinkel der Gerätefarben d: $h_{ab,d} = 32.7, 92.6, 153.7, 229.4, 292.5, 357.5$; Sechs Bunttonwinkel der Elementarfarben e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d} \ h_{abs} \ h_{ab,e}$			$rgb^*_{dd361Mi}$			$LAB^*_{dd361Mix} \ (x=LabCh)$					$rgb^*_{ds361Mi}$			$LAB^*_{ds361Mix} \ (x=LabCh)$					rgb^*_{s50M}			$rgb^*_{de361Mi}$			$LAB^*_{de361Mix} \ (x=LabCh)$					rgb^*_{e50M}			$rgb^*_{dd} \ rgb^*_{ds} \ rgb^*_{de}$		
302	300	300	0.1	0.0	1.0	28.5	27.5	-44.0	52.0	302	0.079	0.0	1.0	28.1	26.0	-44.9	51.9	300	0.5	0.0	1.0	0.079	0.0	1.0	28.1	26.0	-44.9	51.9	300	0.5	0.0	1.0			
303	301	301	0.11	0.0	1.0	28.7	28.3	-43.5	52.0	303	0.089	0.0	1.0	28.3	26.7	-44.4	51.9	301	0.517	0.0	1.0	0.089	0.0	1.0	28.3	26.7	-44.4	51.9	301	0.517	0.0	1.0			
304	302	302	0.121	0.0	1.0	28.9	29.1	-43.0	52.0	304	0.1	0.0	1.0	28.5	27.5	-44.0	52.0	302	0.533	0.0	1.0	0.1	0.0	1.0	28.5	27.5	-44.0	52.0	302	0.533	0.0	1.0			
305	303	303	0.132	0.0	1.0	29.1	29.8	-42.5	52.0	305	0.11	0.0	1.0	28.7	28.3	-43.5	52.0	303	0.55	0.0	1.0	0.11	0.0	1.0	28.7	28.3	-43.5	52.0	303	0.55	0.0	1.0			
306	304	304	0.144	0.0	1.0	29.3	30.6	-42.0	52.1	306	0.121	0.0	1.0	28.9	29.1	-43.0	52.0	304	0.567	0.0	1.0	0.121	0.0	1.0	28.9	29.1	-43.0	52.0	304	0.567	0.0	1.0			
307	305	305	0.156	0.0	1.0	29.5	31.4	-41.5	52.1	307	0.132	0.0	1.0	29.1	29.8	-42.5	52.0	305	0.583	0.0	1.0	0.132	0.0	1.0	29.1	29.8	-42.5	52.0	305	0.583	0.0	1.0			
308	306	306	0.169	0.0	1.0	29.7	32.1	-41.0	52.2	308	0.144	0.0	1.0	29.3	30.6	-42.0	52.1	306	0.6	0.0	1.0	0.144	0.0	1.0	29.3	30.6	-42.0	52.1	306	0.6	0.0	1.0			
309	307	307	0.181	0.0	1.0	29.9	32.9	-40.5	52.2	309	0.156	0.0	1.0	29.5	31.4	-41.5	52.1	307	0.617	0.0	1.0	0.156	0.0	1.0	29.5	31.4	-41.5	52.1	307	0.617	0.0	1.0			
310	308	308	0.193	0.0	1.0	30.1	33.6	-39.9	52.3	310	0.169	0.0	1.0	29.7	32.1	-41.0	52.2	308	0.633	0.0	1.0	0.169	0.0	1.0	29.7	32.1	-41.0	52.2	308	0.633	0.0	1.0			
311	309	309	0.205	0.0	1.0	30.3	34.3	-39.4	52.3	311	0.181	0.0	1.0	29.9	32.9	-40.5	52.2	309	0.65	0.0	1.0	0.181	0.0	1.0	29.9	32.9	-40.5	52.2	309	0.65	0.0	1.0			
312	310	310	0.217	0.0	1.0	30.5	35.0	-38.8	52.4	312	0.193	0.0	1.0	30.1	33.6	-39.9	52.3	310	0.667	0.0	1.0	0.193	0.0	1.0	30.1	33.6	-39.9	52.3	310	0.667	0.0	1.0			
313	311	311	0.229	0.0	1.0	30.7	35.7	-38.2	52.4	313	0.205	0.0	1.0	30.3	34.3	-39.4	52.3	311	0.683	0.0	1.0	0.205	0.0	1.0	30.3	34.3	-39.4	52.3	311	0.683	0.0	1.0			
314	312	312	0.241	0.0	1.0	30.9	36.4	-37.6	52.5	314	0.217	0.0	1.0	30.5	35.0	-38.8	52.4	312	0.7	0.0	1.0	0.217	0.0	1.0	30.5	35.0	-38.8	52.4	312	0.7	0.0	1.0			
315	313	312	0.254	0.0	1.0	31.2	37.2	-37.1	52.6	315	0.229	0.0	1.0	30.7	35.7	-38.2	52.4	313	0.717	0.0	1.0	0.217	0.0	1.0	30.5	35.0	-38.8	52.4	312	0.717	0.0	1.0			
316	314	313	0.268	0.0	1.0	31.6	38.0	-36.6	52.8	316	0.241	0.0	1.0	30.9	36.4	-37.6	52.5	314	0.733	0.0	1.0	0.229	0.0	1.0	30.7	35.7	-38.2	52.4	313	0.733	0.0	1.0			
317	315	314	0.283	0.0	1.0	31.9	38.8	-36.0	53.0	317	0.254	0.0	1.0	31.2	37.2	-37.1	52.6	315	0.75	0.0	1.0	0.241	0.0	1.0	30.9	36.4	-37.6	52.5	314	0.75	0.0	1.0			
318	316	315	0.298	0.0	1.0	32.3	39.6	-35.5	53.2	318	0.268	0.0	1.0	31.6	38.0	-36.6	52.8	316	0.767	0.0	1.0	0.254	0.0	1.0	31.2	37.2	-37.1	52.6	315	0.767	0.0	1.0			
319	317	316	0.313	0.0	1.0	32.7	40.3	-35.0	53.5	319	0.283	0.0	1.0	31.9	38.8	-36.0	53.0	317	0.783	0.0	1.0	0.268	0.0	1.0	31.6	38.0	-36.6	52.8	316	0.783	0.0	1.0			
320	318	317	0.328	0.0	1.0	33.1	41.1	-34.4	53.7	320	0.298	0.0	1.0	32.3	39.6	-35.5	53.2	318	0.8	0.0	1.0	0.283	0.0	1.0	31.9	38.8	-36.0	53.0	317	0.8	0.0	1.0			
321	319	318	0.343	0.0	1.0	33.4	41.9	-33.8	53.9	321	0.313	0.0	1.0	32.7	40.3	-35.0	53.5	319	0.817	0.0	1.0	0.298	0.0	1.0	32.3	39.6	-35.5	53.2	318	0.817	0.0	1.0			
322	320	319	0.358	0.0	1.0	33.8	42.7	-33.2	54.1	322	0.328	0.0	1.0	33.1	41.1	-34.4	53.7	320	0.833	0.0	1.0	0.313	0.0	1.0	32.7	40.3	-35.0	53.5	319	0.833	0.0	1.0			
323	321	320	0.373	0.0	1.0	34.2	43.4	-32.6	54.4	323	0.343	0.0	1.0	33.4	41.9	-33.8	53.9	321	0.85	0.0	1.0	0.328	0.0	1.0	33.1	41.1	-34.4	53.7	320	0.85	0.0	1.0			
324	322	321	0.385	0.0	1.0	34.6	44.2	-32.0	54.7	324	0.358	0.0	1.0	33.8	42.7	-33.2	54.1	322	0.867	0.0	1.0	0.343	0.0	1.0	33.4	41.9	-33.8	53.9	321	0.867	0.0	1.0			
325	323	322	0.397	0.0	1.0	35.0	45.0	-31.4	55.0	325	0.373	0.0	1.0	34.2	43.4	-32.6	54.4	323	0.883	0.0	1.0	0.358	0.0	1.0	33.8	42.7	-33.2	54.1	322	0.883	0.0	1.0			
326	324	323	0.409	0.0	1.0	35.3	45.9	-30.8	55.3	326	0.385	0.0	1.0	34.6	44.2	-32.0	54.7	324	0.9	0.0	1.0	0.373	0.0	1.0	34.2	43.4	-32.6	54.4	323	0.9	0.0	1.0			
327	325	324	0.421	0.0	1.0	35.7	46.7	-30.2	55.6	327	0.397	0.0	1.0	35.0	45.0	-31.4	55.0	325	0.917	0.0	1.0	0.385	0.0	1.0	34.6	44.2	-32.0	54.7	324	0.917	0.0	1.0			
328	326	325	0.433	0.0	1.0	36.1	47.5	-29.6	56.0	328	0.409	0.0	1.0	35.3	45.9	-30.8	55.3	326	0.933	0.0	1.0	0.397	0.0	1.0	35.0	45.0	-31.4	55.0	325	0.933	0.0	1.0			
329	327	326	0.445	0.0	1.0	36.5	48.2	-28.9	56.3	329	0.421	0.0	1.0	35.7	46.7	-30.2	55.6	327	0.95	0.0	1.0	0.409	0.0	1.0	35.3	45.9	-30.8	55.3	326	0.95	0.0	1.0			
330	328	327	0.457	0.0	1.0	36.9	49.0	-28.2	56.6	330	0.433	0.0	1.0	36.1	47.5	-29.6	56.0	328	0.967	0.0	1.0	0.421	0.0	1.0	35.7	46.7	-30.2	55.6	327	0.967	0.0	1.0			
331	329	328	0.469	0.0	1.0	37.3	49.8	-27.5	56.9	331	0.445	0.0	1.0	36.5	48.2	-28.9	56.3	329	0.983	0.0	1.0	0.433	0.0	1.0	36.1	47.5	-29.6	56.0	328	0.983	0.0	1.0			
332	330	329	0.481	0.0	1.0	37.6	50.6	-26.8	57.3	332	0.457	0.0	1.0	36.9	49.0	-28.2	56.6	330	1.0	0.0	1.0M _s	0.445	0.0	1.0	36.5	48.2	-28.9	56.3	329	1.0	0.0	1.0M _e			
333	331	330	0.493	0.0	1.0	38.0	51.3	-26.0	57.6	333	0.469	0.0	1.0	37.3	49.8	-27.5	56.9	331	1.0	0.0	0.983	0.457	0.0	1.0	36.9	49.0	-28.2	56.6	330	1.0	0.0	0.983			
334	332	331	0.506	0.0	1.0	38.4	52.1	-25.3	58.0	334	0.481	0.0	1.0	37.6	50.6	-26.8	57.3	332	1.0	0.0	0.967	0.469	0.0	1.0	37.3	49.8	-27.5	56.9	331	1.0	0.0	0.967			
335	333	331	0.52	0.0	1.0	38.7	53.0	-24.6	58.5	335	0.493	0.0	1.0	38.0	51.3	-26.0	57.6	333	1.0	0.0	0.95	0.469	0.0	1.0	37.3	49.8	-27.5	56.9	331	1.0	0.0	0.95			
336	334	332	0.534	0.0	1.0	39.0	53.8	-23.9	58.9	336	0.506	0.0	1.0	38.4	52.1	-25.3	58.0	334	1.0	0.0	0.933	0.481	0.0	1.0	37.6	50.6	-26.8	57.3	332	1.0	0.0	0.933			
337	335	333	0.549	0.0	1.0	39.4	54.7	-23.1	59.4	337	0.52	0.0	1.0	38.7	53.0	-24.6	58.5	335	1.0	0.0	0.917	0.493	0.0	1.0	38.0	51.3	-26.0	57.6	333	1.0	0.0	0.917			
338	336	334	0.563	0.0	1.0	39.7	55.5	-22.3	59.9	338	0.534	0.0	1.0	39.0	53.8	-23.9	58.9	336	1.0	0.0	0.9	0.506	0.0	1.0	38.4	52.1	-25.3	58.0	334	1.0	0.0	0.9			
339	337	335	0.577	0.0	1.0	40.1	56.4	-21.5	60.4	339	0.549	0.0	1.0	39.4	54.7	-23.1	59.4	337	1.0	0.0	0.883	0.52	0.0	1.0	38.7	53.0	-24.6	58.5	335	1.0	0.0	0.883			
340	338	336	0.592	0.0	1.0	40.4	57.2	-20.7	60.8	340	0.563	0.0	1.0	39.7	55.5	-22.3	59.9	338	1.0	0.0	0.867	0.534	0.0	1.0	39.0	53.8	-23.9	58.9	336	1.0	0.0	0.867			
341	339	337	0.606	0.0	1.0	40.7	58.0	-19.9	61.3	341	0.577	0.0	1.0	40.1	56.4	-21.5	60.4	339	1.0	0.0	0.85	0.549	0.0	1.0	39.4	54.7	-23.1	59.4	337	1.0	0.0	0.85			
342	340	338	0.62	0.0	1.0	41.1	58.8	-19.0	61.8	342																									

