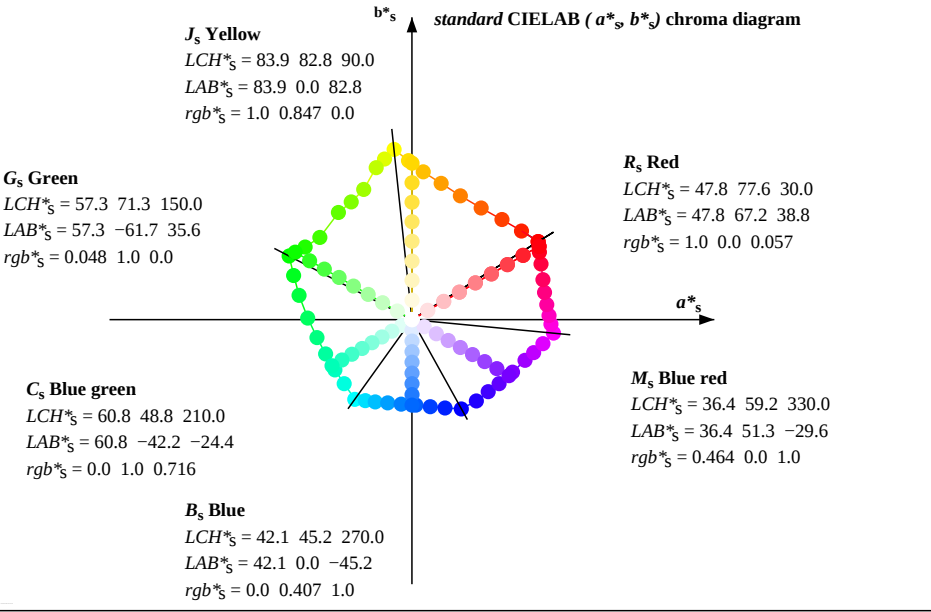
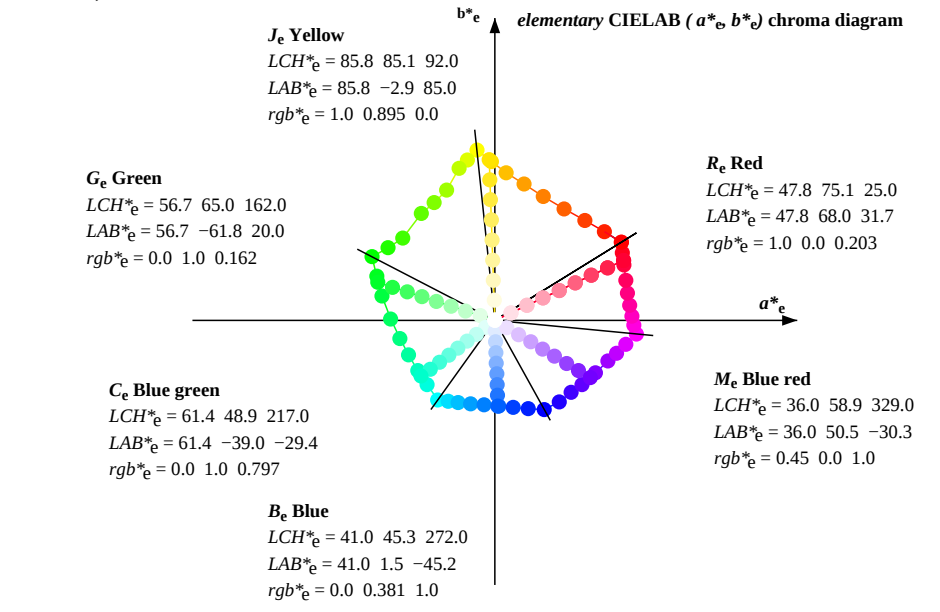
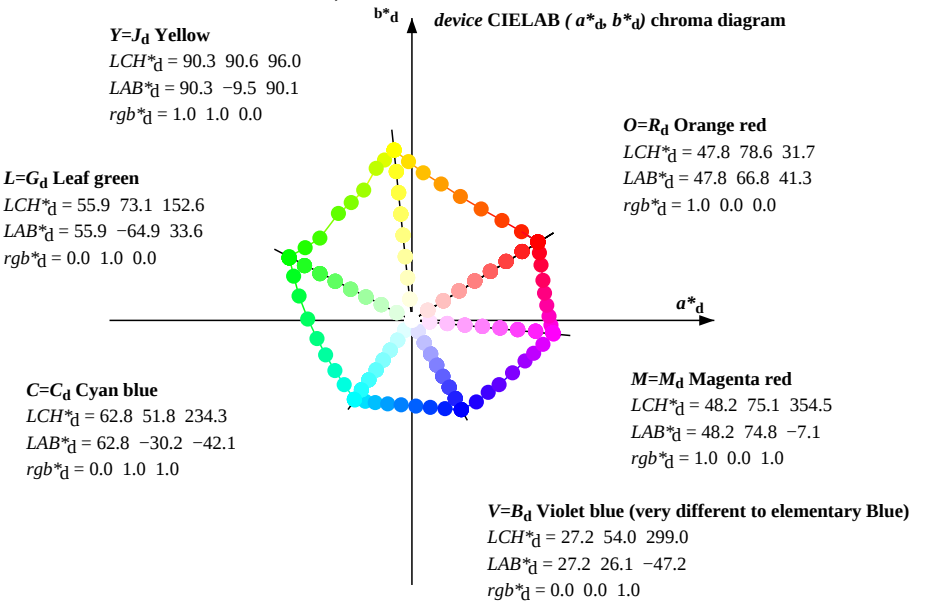




Notes to the CIELAB chroma diagrams (a^*_d, b^*_d), (a^*_s, b^*_s), (a^*_e, b^*_e)

- For the rgb^*_d -input values the CIELAB data LCH^*_d and LAB^*_d have been measured.
- For the calculation of the standard hue angle $h_{ab,s}$ use for any device values rgb^*_d the equation:
$$h_{ab,s} = atan [r^*_d \cos(30) + g^*_d \cos(150)] / [r^*_d \sin(30) + g^*_d \sin(150) + b^*_d \sin(270)] \quad (1)$$
- For the 48 or 360 equally spaced standard hue angles $h_{ab,s}$ of the colours of maximum chroma use the seven hue angles of the 60 degree colours s : $h_{ab,si} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$ ($i=0,6$) and the equations for a 48 and 360 step hue circle:
$$h_{48ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$

$$h_{360ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (3)$$
- For the 48 or 360 elementary hue angles $h_{ab,e}$ of the colours of maximum chroma use the seven hue angles of the elementary colours e : $h_{ab,ei} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5$ ($i=0,6$) and the equations for a 48 and 360 step elementary hue circle:
$$h_{48ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$

$$h_{360ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (5)$$
- For any elementary hue angle $h_{ab,e}$ there is a well defined device hue angle $h_{ab,d}$ see the following tables, columns 1 to 3.
- The values rgb^*_{de} produce the output of the device-independent elementary hues

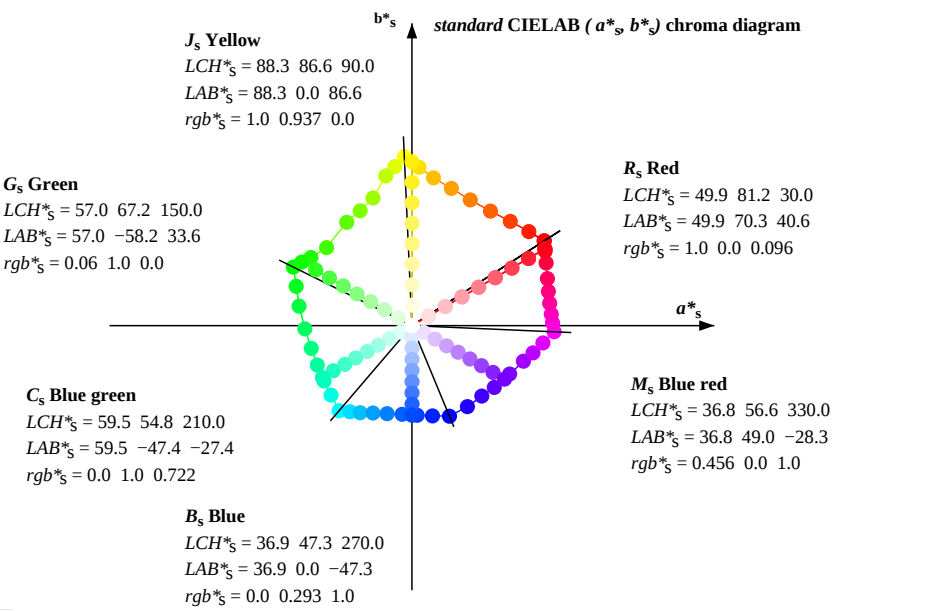
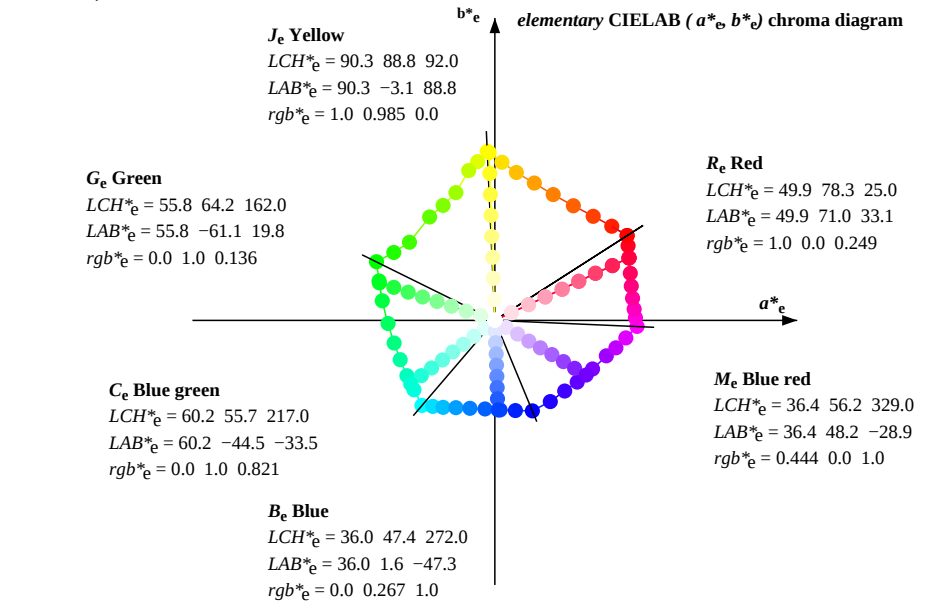
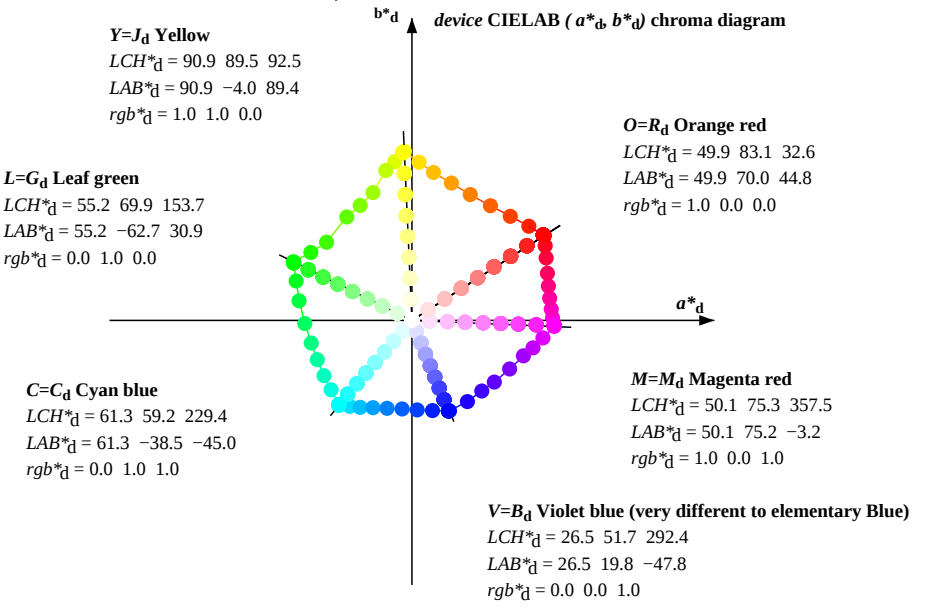
Data of Maximum color M in colorimetric system Offset print ORS08_18_96; separation cmyn4*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours d: $h_{ab,d} = 31.7, 96.0, 152.6, 234.4, 299.0, 354.5$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																			
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{ab}d50M$			$LAB^*d50Mx(x=LabCh)$					$rgb^*_{ab}s50M$			$LAB^*s50Mx(x=LabCh)$					$rgb^*_{ab}e50M$			$rgb^*_{ab}d$	$rgb^*_{ab}s$	$rgb^*_{ab}e$											
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	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																									

Data of Maximum color M in colorimetric system Offset print ORS08_18_96; separation cmyn4*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: h _{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours d: h _{ab,d} = 31.7, 96.0, 152.6, 234.4, 299.0, 354.5; Six hue angles of the elementary colours 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*de																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
31	30	25	1.0	0.0	0.024	47.8	67.0	40.3	78.2	31	R _d	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	1.0	0.0	0.204	47.9	68.1	31.8	75.1	25	1.0	0.0	0.0R _e	1.0	0.0	0.057	47.9	67.2	38.8	77.6	30	1.0	0.0	0.0R _s	

Data of Maximum color M in colorimetric system Offset print ORS08_18_96; separation cmyn4*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: h _{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours d: h _{ab,d} = 31.7, 96.0, 152.6, 234.4, 299.0, 354.5; Six hue angles of the elementary colours 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*d361Mi LAB*d361Mix (x=LabCh)								rgb*ds361Mi LAB*ds361Mix (x=LabCh)								rgb*s50M			rgb*de361Mi LAB*de361Mix (x=LabCh)								rgb*e50M			rgb*drgb*srgb*e			
211	210	217	0.0	1.0	0.727	60.9	-41.7	-25.0	48.8	211	0.0	1.0	0.716	60.8	-42.2	-24.3	48.8	210	0.0	1.0	1.0C _s	0.0	1.0	0.798	61.5	-39.0	-29.3	48.9	217	0.0	1.0	1.0C _e				
212	211	218	0.0	1.0	0.738	61.0	-41.2	-25.7	48.7	212	0.0	1.0	0.727	60.9	-41.7	-25.0	48.8	211	0.0	0.983	1.0	0.0	1.0	0.81	61.6	-38.5	-30.1	49.0	218	0.0	0.983	1.0				
213	212	219	0.0	1.0	0.749	61.1	-40.7	-26.4	48.7	213	0.0	1.0	0.738	61.0	-41.2	-25.7	48.7	212	0.0	0.967	1.0	0.0	1.0	0.822	61.7	-38.0	-30.8	49.0	219	0.0	0.967	1.0				
214	213	220	0.0	1.0	0.761	61.2	-40.3	-27.2	48.7	214	0.0	1.0	0.749	61.1	-40.7	-26.4	48.7	213	0.0	0.95	1.0	0.0	1.0	0.834	61.8	-37.5	-31.5	49.1	220	0.0	0.95	1.0				
215	214	221	0.0	1.0	0.774	61.3	-39.9	-27.9	48.8	215	0.0	1.0	0.761	61.2	-40.3	-27.2	48.7	214	0.0	0.933	1.0	0.0	1.0	0.846	61.9	-37.0	-32.2	49.2	221	0.0	0.933	1.0				
216	215	222	0.0	1.0	0.786	61.4	-39.4	-28.6	48.9	216	0.0	1.0	0.774	61.3	-39.9	-27.9	48.8	215	0.0	0.917	1.0	0.0	1.0	0.858	62.0	-36.5	-32.8	49.2	222	0.0	0.917	1.0				
217	216	222	0.0	1.0	0.798	61.5	-39.0	-29.3	48.9	217	0.0	1.0	0.786	61.4	-39.4	-28.6	48.9	216	0.0	0.9	1.0	0.0	1.0	0.858	62.0	-36.5	-32.8	49.2	222	0.0	0.9	1.0				
218	217	223	0.0	1.0	0.81	61.6	-38.5	-30.1	49.0	218	0.0	1.0	0.798	61.5	-39.0	-29.3	48.9	217	0.0	0.883	1.0	0.0	1.0	0.87	62.1	-36.0	-33.5	49.3	223	0.0	0.883	1.0				
219	218	224	0.0	1.0	0.822	61.7	-38.0	-30.8	49.0	219	0.0	1.0	0.81	61.6	-38.5	-30.1	49.0	218	0.0	0.867	1.0	0.0	1.0	0.882	62.1	-35.5	-34.3	49.5	224	0.0	0.867	1.0				
220	219	225	0.0	1.0	0.834	61.8	-37.5	-31.5	49.1	220	0.0	1.0	0.822	61.7	-38.0	-30.8	49.0	219	0.0	0.85	1.0	0.0	1.0	0.893	62.2	-35.0	-35.0	49.7	225	0.0	0.85	1.0				
221	220	226	0.0	1.0	0.846	61.9	-37.0	-32.2	49.2	221	0.0	1.0	0.834	61.8	-37.5	-31.5	49.1	220	0.0	0.833	1.0	0.0	1.0	0.904	62.3	-34.6	-35.8	49.9	226	0.0	0.833	1.0				
222	221	227	0.0	1.0	0.858	62.0	-36.5	-32.8	49.2	222	0.0	1.0	0.846	61.9	-37.0	-32.2	49.2	221	0.0	0.817	1.0	0.0	1.0	0.916	62.4	-34.1	-36.6	50.1	227	0.0	0.817	1.0				
223	222	228	0.0	1.0	0.87	62.1	-36.0	-33.5	49.3	223	0.0	1.0	0.858	62.0	-36.5	-32.8	49.2	222	0.0	0.8	1.0	0.0	1.0	0.927	62.4	-33.6	-37.3	50.4	228	0.0	0.8	1.0				
224	223	229	0.0	1.0	0.882	62.1	-35.5	-34.3	49.5	224	0.0	1.0	0.87	62.1	-36.0	-33.5	49.3	223	0.0	0.783	1.0	0.0	1.0	0.939	62.5	-33.1	-38.1	50.6	229	0.0	0.783	1.0				
225	224	230	0.0	1.0	0.893	62.2	-35.0	-35.0	49.7	225	0.0	1.0	0.882	62.1	-35.5	-34.3	49.5	224	0.0	0.767	1.0	0.0	1.0	0.95	62.6	-32.6	-38.8	50.8	230	0.0	0.767	1.0				
226	225	231	0.0	1.0	0.904	62.3	-34.6	-35.8	49.9	226	0.0	1.0	0.893	62.2	-35.0	-35.0	49.7	225	0.0	0.75	1.0	0.0	1.0	0.962	62.6	-32.0	-39.6	51.1	231	0.0	0.75	1.0				
227	226	232	0.0	1.0	0.916	62.4	-34.1	-36.6	50.1	227	0.0	1.0	0.904	62.3	-34.6	-35.8	49.9	226	0.0	0.733	1.0	0.0	1.0	0.973	62.7	-31.5	-40.3	51.3	232	0.0	0.733	1.0				
228	227	232	0.0	1.0	0.927	62.4	-33.6	-37.3	50.4	228	0.0	1.0	0.916	62.4	-34.1	-36.6	50.1	227	0.0	0.717	1.0	0.0	1.0	0.973	62.7	-31.5	-40.3	51.3	232	0.0	0.717	1.0				
229	228	233	0.0	1.0	0.939	62.5	-33.1	-38.1	50.6	229	0.0	1.0	0.927	62.4	-33.6	-37.3	50.4	228	0.0	0.7	1.0	0.0	1.0	0.985	62.8	-30.9	-41.1	51.5	233	0.0	0.7	1.0				
230	229	234	0.0	1.0	0.95	62.6	-32.6	-38.8	50.8	230	0.0	1.0	0.939	62.5	-33.1	-38.1	50.6	229	0.0	0.683	1.0	0.0	1.0	0.996	62.9	-30.3	-41.8	51.8	234	0.0	0.683	1.0				
231	230	235	0.0	1.0	0.962	62.6	-32.0	-39.6	51.1	231	0.0	1.0	0.95	62.6	-32.6	-38.8	50.8	230	0.0	0.667	1.0	0.0	1.0	0.986	1.0	62.4	-29.5	-42.1	51.6	235	0.0	0.667	1.0			
232	231	236	0.0	1.0	0.973	62.7	-31.5	-40.3	51.3	232	0.0	1.0	0.962	62.6	-32.0	-39.6	51.1	231	0.0	0.65	1.0	0.0	1.0	0.964	1.0	61.7	-28.5	-42.3	51.2	236	0.0	0.65	1.0			
233	232	237	0.0	1.0	0.985	62.8	-30.9	-41.1	51.5	233	0.0	1.0	0.973	62.7	-31.5	-40.3	51.3	232	0.0	0.633	1.0	0.0	1.0	0.943	1.0	61.0	-27.5	-42.5	50.7	237	0.0	0.633	1.0			
234	233	238	0.0	1.0	0.996	62.9	-30.3	-41.8	51.8	234C _d	0.0	1.0	0.985	62.8	-30.9	-41.1	51.5	233	0.0	0.617	1.0	0.0	1.0	0.921	1.0	60.2	-26.6	-42.6	50.3	238	0.0	0.617	1.0			
235	234	239	0.0	0.986	1.0	62.4	-29.5	-42.1	51.6	235	0.0	1.0	0.996	62.9	-30.3	-41.8	51.8	234	0.0	0.6	1.0	0.0	1.0	0.899	1.0	59.5	-25.6	-42.7	49.9	239	0.0	0.6	1.0			

Data of Maximum color M in colorimetric system Offset print ORS08_18_96; separation cmyn4*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: h _{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours d: h _{ab,d} = 31.7, 96.0, 152.6, 234.4, 299.0, 354.5; Six hue angles of the elementary colours 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*es50M				rgb*_d	rgb*_s	rgb*_e
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 _e	0.0	0.382	1.0	41.1	1.6	-45.2	45.3	272	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																				

Data of Maximum color M in colorimetric system Offset print ORS08_18_96; separation cmyn4*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: h _{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours d: h _{ab,d} = 31.7, 96.0, 152.6, 234.4, 299.0, 354.5; Six hue angles of the elementary colours 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}						
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	 </		



Notes to the CIELAB chroma diagrams (a^*_d, b^*_d), (a^*_s, b^*_s), (a^*_e, b^*_e)

- For the rgb^*_d -input values the CIELAB data LCH^*_d and LAB^*_d have been measured.
- For the calculation of the standard hue angle $h_{ab,s}$ use for any device values rgb^*_d the equation:
$$h_{ab,s} = \text{atan} [r^*_d \cos(30) + g^*_d \cos(150)] / [r^*_d \sin(30) + g^*_d \sin(150) + b^*_d \sin(270)] \quad (1)$$
- For the 48 or 360 equally spaced standard hue angles $h_{ab,s}$ of the colours of maximum chroma use the seven hue angles of the 60 degree colours s : $h_{ab,si} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$ ($i=0,6$) and the equations for a 48 and 360 step hue circle:
$$h_{48ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$

$$h_{360ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (3)$$
- For the 48 or 360 elementary hue angles $h_{ab,e}$ of the colours of maximum chroma use the seven hue angles of the elementary colours e : $h_{ab,ei} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5$ ($i=0,6$) and the equations for a 48 and 360 step elementary hue circle:
$$h_{48ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$

$$h_{360ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (5)$$
- For any elementary hue angle $h_{ab,e}$ there is a well defined device hue angle $h_{ab,d}$ see the following tables, columns 1 to 3.
- The values rgb^*_{de} produce the output of the device-independent elementary hues

Data of Maximum color M in colorimetric system Offset print ORS08_18_96; separation cmyn4*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Six hue angles of the device colours d: $h_{ab,d} = 32.7, 92.6, 153.7, 229.4, 292.5, 357.5$; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																			
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{ab}d50M$			$LAB^*_{ab}d50Mx(x=LabCh)$					$rgb^*_{ab}s50M$			$LAB^*_{ab}s50Mx(x=LabCh)$					$rgb^*_{ab}e50M$			$LAB^*_{ab}e50Mx(x=LabCh)$					$rgb^*_{ab}d$	$rgb^*_{ab}s$	$rgb^*_{ab}e$						
32.7	30.0	25.5	1.0	0.0	0.0	49.9	70.0	44.9	83.1	32.7	1.0	0.0	0.097	49.9	70.4	40.6	81.3	30	1.0	0.0	0.0	1.0	0.0	0.25	49.9	71.0	33.1	78.4	25	1.0	0.0	0.0			
38.9	37.5	33.8	1.0	0.125	0.0	53.8	61.8	49.8	79.4	38.9	1.0	0.108	0.0	53.3	63.0	49.2	79.9	38	1.0	0.125	0.0	1.0	0.0027	0.0	50.8	68.3	46.0	82.3	34	1.0	0.125	0.0			
46.6	45.0	42.2	1.0	0.25	0.0	58.5	52.1	55.2	75.9	46.6	1.0	0.224	0.0	57.5	54.2	54.2	76.6	45	1.0	0.25	0.0	1.0	0.175	0.0	55.7	57.9	52.2	78.0	42	1.0	0.25	0.0			
55.6	52.5	50.5	1.0	0.375	0.0	63.7	41.6	60.6	73.5	55.6	1.0	0.339	0.0	62.2	44.7	59.3	74.2	53	1.0	0.375	0.0	1.0	0.311	0.0	61.0	47.0	58.1	74.7	51	1.0	0.375	0.0			
65.2	60.0	58.9	1.0	0.5	0.0	69.5	30.8	66.5	73.3	65.2	1.0	0.433	0.0	66.4	36.7	63.6	73.4	60	1.0	0.5	0.0	1.0	0.42	0.0	65.8	37.8	63.0	73.5	59	1.0	0.5	0.0			
74.0	67.5	67.2	1.0	0.625	0.0	75.1	20.9	72.6	75.6	74.0	1.0	0.54	0.0	71.3	27.7	68.7	74.1	68	1.0	0.625	0.0	1.0	0.526	0.0	70.7	28.8	67.9	73.8	67	1.0	0.625	0.0			
81.7	75.0	75.6	1.0	0.75	0.0	80.9	11.4	78.2	79.1	81.7	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			
87.4	82.5	84.0	1.0	0.875	0.0	85.8	3.7	83.7	83.8	87.4	1.0	0.778	0.0	82.0	9.8	79.5	80.1	83	1.0	0.875	0.0	1.0	0.8	0.0	82.9	8.5	80.5	81.0	84	1.0	0.875	0.0			
92.6	90.0	92.3	1.0	1.0	0.0	91.0	-3.9	89.4	89.5	92.6	1.0	0.937	0.0	88.4	0.0	86.7	86.7	90	1.0	1.0	0.0	1.0	0.986	0.0	90.4	-3.0	88.8	88.9	92	1.0	1.0	0.0			
96.2	97.5	101.1	0.875	1.0	0.0	86.8	-9.1	84.0	84.5	96.2	0.814	1.0	0.0	84.9	-11.4	81.8	82.6	98	0.875	1.0	0.0	0.73	1.0	0.0	82.0	-15.0	77.5	78.9	101	0.875	1.0	0.0			
99.9	105.0	109.8	0.75	1.0	0.0	82.8	-13.7	79.3	80.5	99.9	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			
107.0	112.5	118.5	0.625	1.0	0.0	77.9	-20.5	67.6	70.7	107.0	0.522	1.0	0.0	74.1	-26.2	62.0	67.4	113	0.625	1.0	0.0	0.426	1.0	0.0	70.4	-31.7	57.3	65.5	119	0.625	1.0	0.0			
114.3	120.0	127.3	0.5	1.0	0.0	73.2	-27.3	60.7	66.6	114.3	0.41	1.0	0.0	69.8	-32.5	56.5	65.3	120	0.5	1.0	0.0	0.336	1.0	0.0	66.5	-38.2	50.8	63.7	127	0.5	1.0	0.0			
122.2	127.5	136.0	0.375	1.0	0.0	68.5	-34.4	54.8	64.7	122.2	0.328	1.0	0.0	66.1	-38.9	50.0	63.4	128	0.375	1.0	0.0	0.263	1.0	0.0	62.9	-44.2	42.8	61.6	136	0.375	1.0	0.0			
137.5	135.0	144.7	0.25	1.0	0.0	62.3	-45.1	41.4	61.3	137.5	0.271	1.0	0.0	63.3	-43.6	43.7	61.8	135	0.25	1.0	0.0	0.141	1.0	0.0	59.4	-52.4	36.7	64.1	145	0.25	1.0	0.0			
146.1	142.5	153.5	0.125	1.0	0.0	59.0	-53.4	36.0	64.5	146.1	0.17	1.0	0.0	60.2	-50.5	38.1	63.3	143	0.125	1.0	0.0	0.012	1.0	0.0	55.6	-61.8	31.5	69.4	153	0.125	1.0	0.0			
153.7	150.0	162.2	0.0	1.0	0.0	55.2	-62.6	31.0	69.9	153.7	0.061	1.0	0.0	57.0	-58.2	33.6	67.3	150	0.0	1.0	0.0	0.0	1.0	0.136	55.8	-61.0	19.9	64.3	162	0.0	1.0	0.0			
161.2	157.5	169.1	0.0	1.0	0.125	55.8	-61.1	20.8	64.6	161.2	0.0	1.0	0.072	55.5	-61.9	25.1	66.9	158	0.0	1.0	0.125	0.0	1.0	0.235	56.2	-59.9	11.7	61.1	169	0.0	1.0	0.125			
170.1	165.0	175.9	0.0	1.0	0.25	56.3	-59.6	10.4	60.6	170.1	0.0	1.0	0.178	56.0	-60.7	16.3	62.9	165	0.0	1.0	0.25	0.0	1.0	0.314	56.7	-58.3	4.1	58.6	176	0.0	1.0	0.25			
181.7	172.5	182.8	0.0	1.0	0.375	57.2	-56.5	-1.6	56.6	181.7	0.0	1.0	0.281	56.5	-59.0	7.3	59.6	173	0.0	1.0	0.375	0.0	1.0	0.39	57.3	-56.2	-2.9	56.4	183	0.0	1.0	0.375			
192.7	180.0	189.6	0.0	1.0	0.5	58.2	-53.2	-11.9	54.6	192.7	0.0	1.0	0.357	57.0	-57.1	0.0	57.2	180	0.0	1.0	0.5	0.0	1.0	0.469	57.9	-54.2	-9.5	55.1	190	0.0	1.0	0.5			
202.6	187.5	196.4	0.0	1.0	0.625	58.8	-50.0	-20.7	54.2	202.6	0.0	1.0	0.446	57.7	-54.8	-7.6	55.5	188	0.0	1.0	0.625	0.0	1.0	0.542	58.4	-52.3	-14.9	54.5	196	0.0	1.0	0.625			
212.1	195.0	203.3	0.0	1.0	0.75	59.8	-46.5	-29.1	55.0	212.1	0.0	1.0	0.529	58.3	-52.6	-14.0	54.5	195	0.0	1.0	0.75	0.0	1.0	0.631	58.9	-49.8	-21.1	54.3	203	0.0	1.0	0.75			
220.6	202.5	210.1	0.0	1.0	0.875	60.7	-42.7	-36.6	56.3	220.6	0.0	1.0	0.631	58.9	-49.8	-21.1	54.3	203	0.0	1.0	0.875	0.0	1.0	0.722	59.6	-47.4	-27.3	54.8	210						

Data of Maximum color M in colorimetric system Offset print ORS08_18_96; separation cmyn4*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: h _{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours d: h _{ab,d} = 32.7, 92.6, 153.7, 229.4, 292.5, 357.5; Six hue angles of the elementary colours 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)					R _d	rgb* _{ds} 361Mi			LAB* _{ds} 361Mix (x=LabCh)					R _s	rgb* _{s50M}			R _s	rgb* _{de} 361Mi			LAB* _{de} 361Mix (x=LabCh)					R _e	rgb* _{e50M}			R _e	rgb* _{dd}	rgb* _{ds}	rgb* _{de}
32	30	25	1.0	0.0	0.024	49.9	70.1	43.8	82.7	32	R _d	1.0	0.0	0.097	49.9	70.4	40.6	81.3	30	1.0	0.0	0.017	0.0	R _s	1.0	0.0	0.25	49.9	71.0	33.1	78.4	25	1.0	0.0	0.017	0.0	R _e			
33	31	27	1.0	0.007	0.0	50.1	69.6	45.2	82.9	33		1.0	0.0	0.06	49.9	70.3	42.2	82.0	31	1.0	0.017	0.0		1.0	0.0	0.191	49.9	70.8	36.1	79.5	27	1.0	0.017	0.0						
34	32	28	1.0	0.027	0.0	50.8	68.3	46.0	82.3	34		1.0	0.0	0.024	49.9	70.1	43.8	82.7	32	1.0	0.033	0.0		1.0	0.0	0.161	49.9	70.7	37.6	80.1	28	1.0	0.033	0.0						
35	33	29	1.0	0.047	0.0	51.4	67.0	46.9	81.7	35		1.0	0.007	0.0	50.1	69.6	45.2	82.9	33	1.0	0.05	0.0		1.0	0.0	0.132	49.9	70.5	39.1	80.6	29	1.0	0.05	0.0						
36	34	30	1.0	0.067	0.0	52.0	65.6	47.7	81.1	36		1.0	0.027	0.0	50.8	68.3	46.0	82.3	34	1.0	0.067	0.0		1.0	0.0	0.097	49.9	70.4	40.6	81.3	30	1.0	0.067	0.0						
37	35	31	1.0	0.087	0.0	52.7	64.3	48.5	80.5	37		1.0	0.047	0.0	51.4	67.0	46.9	81.7	35	1.0	0.083	0.0		1.0	0.0	0.06	49.9	70.3	42.2	82.0	31	1.0	0.083	0.0						
38	36	32	1.0	0.108	0.0	53.3	63.0	49.2	79.9	38		1.0	0.067	0.0	52.0	65.6	47.7	81.1	36	1.0	0.1	0.0		1.0	0.0	0.024	49.9	70.1	43.8	82.7	32	1.0	0.1	0.0						
39	37	33	1.0	0.127	0.0	53.9	61.7	49.9	79.3	39		1.0	0.087	0.0	52.7	64.3	48.5	80.5	37	1.0	0.117	0.0		1.0	0.007	0.0	50.1	69.6	45.2	82.9	33	1.0	0.117	0.0						
40	38	34	1.0	0.143	0.0	54.5	60.4	50.7	78.9	40		1.0	0.108	0.0	53.3	63.0	49.2	79.9	38	1.0	0.133	0.0		1.0	0.027	0.0	50.8	68.3	46.0	82.3	34	1.0	0.133	0.0						
41	39	36	1.0	0.159	0.0	55.1	59.2	51.5	78.4	41		1.0	0.127	0.0	53.9	61.7	49.9	79.3	39	1.0	0.15	0.0		1.0	0.067	0.0	52.0	65.6	47.7	81.1	36	1.0	0.15	0.0						
42	40	37	1.0	0.175	0.0	55.7	57.9	52.2	78.0	42		1.0	0.143	0.0	54.5	60.4	50.7	78.9	40	1.0	0.167	0.0		1.0	0.087	0.0	52.7	64.3	48.5	80.5	37	1.0	0.167	0.0						
43	41	38	1.0	0.191	0.0	56.3	56.7	52.9	77.5	43		1.0	0.159	0.0	55.1	59.2	51.5	78.4	41	1.0	0.183	0.0		1.0	0.108	0.0	53.3	63.0	49.2	79.9	38	1.0	0.183	0.0						
44	42	39	1.0	0.207	0.0	56.9	55.4	53.5	77.1	44		1.0	0.175	0.0	55.7	57.9	52.2	78.0	42	1.0	0.2	0.0		1.0	0.127	0.0	53.9	61.7	49.9	79.3	39	1.0	0.2	0.0						
45	43	40	1.0	0.224	0.0	57.5	54.2	54.2	76.6	45		1.0	0.191	0.0	56.3	56.7	52.9	77.5	43	1.0	0.217	0.0		1.0	0.143	0.0	54.5	60.4	50.7	78.9	40	1.0	0.217	0.0						
46	44	41	1.0	0.24	0.0	58.1	52.9	54.8	76.1	46		1.0	0.207	0.0	56.9	55.4	53.5	77.1	44	1.0	0.233	0.0		1.0	0.159	0.0	55.1	59.2	51.5	78.4	41	1.0	0.233	0.0						
47	45	42	1.0	0.255	0.0	58.7	51.7	55.4	75.8	47		1.0	0.224	0.0	57.5	54.2	54.2	76.6	45	1.0	0.25	0.0		1.0	0.175	0.0	55.7	57.9	52.2	78.0	42	1.0	0.25	0.0						
48	46	43	1.0	0.269	0.0	59.3	50.5	56.1	75.5	48		1.0	0.24	0.0	58.1	52.9	54.8	76.1	46	1.0	0.267	0.0		1.0	0.191	0.0	56.3	56.7	52.9	77.5	43	1.0	0.267	0.0						
49	47	44	1.0	0.283	0.0	59.8	49.4	56.8	75.2	49		1.0	0.255	0.0	58.7	51.7	55.4	75.8	47	1.0	0.283	0.0		1.0	0.207	0.0	56.9	55.4	53.5	77.1	44	1.0	0.283	0.0						
50	48	46	1.0	0.297	0.0	60.4	48.2	57.4	75.0	50		1.0	0.269	0.0	59.3	50.5	56.1	75.5	48	1.0	0.3	0.0		1.0	0.24	0.0	58.1	52.9	54.8	76.1	46	1.0	0.3	0.0						
51	49	47	1.0	0.311	0.0	61.0	47.0	58.1	74.7	51		1.0	0.283	0.0	59.8	49.4	56.8	75.2	49	1.0	0.317	0.0		1.0	0.255	0.0	58.7	51.7	55.4	75.8	47	1.0	0.317	0.0						
52	50	48	1.0	0.325	0.0	61.6	45.8	58.7	74.5	52		1.0	0.297	0.0	60.4	48.2	57.4	75.0	50	1.0	0.333	0.0		1.0	0.269	0.0	59.3	50.5	56.1	75.5	48	1.0	0.333	0.0						
53	51	49	1.0	0.339	0.0	62.2	44.7	59.3	74.2	53		1.0	0.311	0.0	61.0	47.0	58.1	74.7	51	1.0	0.35	0.0		1.0	0.283	0.0	59.8	49.4	56.8	75.2	49	1.0	0.35	0.0						
54	52	50	1.0	0.353	0.0	62.8	43.5	59.8	73.9	54		1.0	0.325	0.0	61.6	45.8	58.7	74.5	52	1.0	0.367	0.0		1.0	0.297	0.0	60.4	48.2	57.4	75.0	50	1.0	0.367	0.0						
55	53	51	1.0	0.367	0.0	63.4	42.3	60.3	73.7	55		1.0	0.339	0.0	62.2	44.7	59.3	74.2	53	1.0	0.383	0.0		1.0	0.311	0.0	61.0	47.0	58.1	74.7	51	1.0	0.383	0.0						
56	54	52	1.0	0.38	0.0	64.0	41.1	60.9	73.5	56		1.0	0.353	0.0	62.8	43.5	59.8	73.9	54	1.0	0.4	0.0		1.0	0.325	0.0	61.6	45.8	58.7	74.5	52	1.0	0.4	0.0						
57	55	53	1.0	0.393	0.0	64.6	40.0	61.6	73.5	57		1.0	0.367	0.0	63.4	42.3	60.3	73.7	55	1.0	0.417	0.0		1.0	0.339	0.0	62.2	44.7	59.3	74.2	53	1.0	0.417	0.0						
58	56	54	1.0	0.407	0.0	65.2	38.9	62.3	73.5	58		1.0	0.38	0.0	64.0	41.1	60.9	73.5	56	1.0	0.433	0.0		1.0	0.353	0.0	62.8	43.5	59.8	73.9	54	1.0	0.433	0.0						
59	57	56	1.0	0.42	0.0	65.8	37.8	63.0	73.5	59		1.0	0.393	0.0	64.6	40.0	61.6	73.5	57	1.0	0.45	0.0		1.0	0.38	0.0	64.0	41.1	60.9	73.5	56	1.0	0.45	0.0						
60	58	57	1.0	0.433	0.0	66.4	36.7	63.6	73.4	60		1.0	0.407	0.0	65.2	38.9	62.3	73.5	58	1.0	0.467	0.0		1.0	0.393	0.0	64.6	40.0	61.6	73.5	57	1.0	0.467	0.0						
61	59	58	1.0	0.446	0.0	67.0	35.6	64.2	73.4	61		1.0	0.42	0.0	65.8	37.8	63.0	73.5	59	1.0	0.483	0.0		1.0	0.407	0.0	65.2	38.9	62.3	73.5	58	1.0	0.483	0.0						
62	60	59	1.0	0.459	0.0	67.6	34.5	64.8	73.4	62		1.0	0.433	0.0	66.4	36.7	63.6	73.4	60	1.0	0.5	0.0		1.0	0.42	0.0	65.8	37.8	63.0	73.5	59	1.0	0.5	0.0						
63	61	60	1.0																																					

Data of Maximum color M in colorimetric system Offset print ORS08_18_96; separation cmyn4*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s: h _{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours d: h _{ab,d} = 32.7, 92.6, 153.7, 229.4, 292.5, 357.5; Six hue angles of the elementary colours 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}						
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	313	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						

