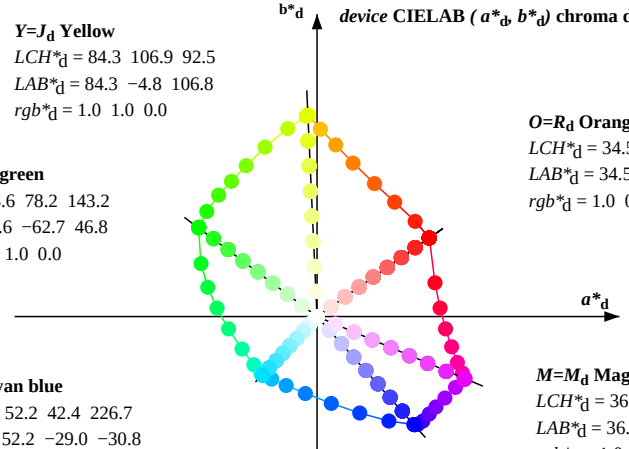
Data of Maximum color M in colorimetric system photo printer FRS09_91; no separation, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours *s:* $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *d:* $h_{ab,d}$ = 35.0, 92.6, 143.2, 226.7, 311.8, 337.2; Six hue angles of the elementary colours *e:* $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6



***device* CIELAB (a^*_d, b^*_d) chroma diagram**

***Y*=J_d Yellow**
*LCH**d = 84.3 106.9 92.5
*LAB**d = 84.3 −4.8 106.8
*rgb**d = 1.0 1.0 0.0

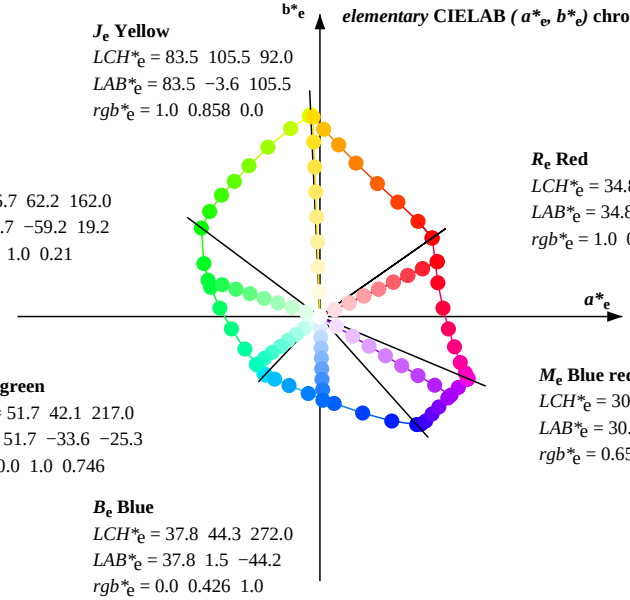
***O*=R_d Orange red**
*LCH**d = 34.5 72.5 34.9
*LAB**d = 34.5 59.4 41.5
*rgb**d = 1.0 0.0 0.0

***L*=G_d Leaf green**
*LCH**d = 43.6 78.2 143.2
*LAB**d = 43.6 −62.7 46.8
*rgb**d = 0.0 1.0 0.0

***C*=C_d Cyan blue**
*LCH**d = 52.2 42.4 226.7
*LAB**d = 52.2 −29.0 −30.8
*rgb**d = 0.0 1.0 1.0

***M*=M_d Magenta red**
*LCH**d = 36.9 84.9 337.2
*LAB**d = 36.9 78.3 −32.8
*rgb**d = 1.0 0.0 1.0

***V*=B_d Violet blue (very different to elementary Blue)**
*LCH**d = 13.4 76.7 311.8
*LAB**d = 13.4 51.1 −57.1
*rgb**d = 0.0 0.0 1.0



***elementary* CIELAB (a^*_e, b^*_e) chroma diagram**

J_e Yellow
*LCH**e = 83.5 105.5 92.0
*LAB**e = 83.5 −3.6 105.5
*rgb**e = 1.0 0.858 0.0

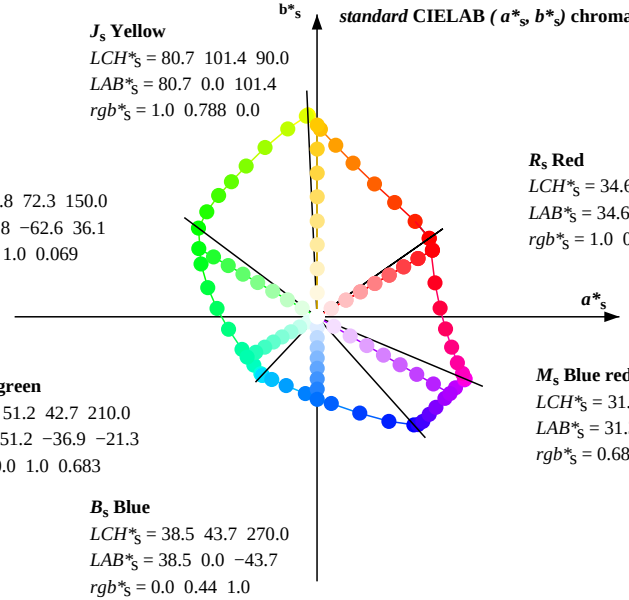
R_e Red
*LCH**e = 34.8 68.5 25.0
*LAB**e = 34.8 62.0 28.9
*rgb**e = 1.0 0.0 0.065

G_e Green
*LCH**e = 46.7 62.2 162.0
*LAB**e = 46.7 −59.2 19.2
*rgb**e = 0.0 1.0 0.21

C_e Blue green
*LCH**e = 51.7 42.1 217.0
*LAB**e = 51.7 −33.6 −25.3
*rgb**e = 0.0 1.0 0.746

M_e Blue red
*LCH**e = 30.6 80.8 329.0
*LAB**e = 30.6 69.2 −41.6
*rgb**e = 0.659 0.0 1.0

B_e Blue
*LCH**e = 37.8 44.3 272.0
*LAB**e = 37.8 1.5 −44.2
*rgb**e = 0.0 0.426 1.0



***standard* CIELAB (a^*_s, b^*_s) chroma diagram**

J_s Yellow
*LCH**s = 80.7 101.4 90.0
*LAB**s = 80.7 0.0 101.4
*rgb**s = 1.0 0.788 0.0

R_s Red
*LCH**s = 34.6 70.5 30.0
*LAB**s = 34.6 61.0 35.2
*rgb**s = 1.0 0.0 0.032

G_s Green
*LCH**s = 44.8 72.3 150.0
*LAB**s = 44.8 −62.6 36.1
*rgb**s = 0.0 1.0 0.069

C_s Blue green
*LCH**s = 51.2 42.7 210.0
*LAB**s = 51.2 −36.9 −21.3
*rgb**s = 0.0 1.0 0.683

M_s Blue red
*LCH**s = 31.3 81.2 330.0
*LAB**s = 31.3 70.3 −40.6
*rgb**s = 0.682 0.0 1.0

B_s Blue
*LCH**s = 38.5 43.7 270.0
*LAB**s = 38.5 0.0 −43.7
*rgb**s = 0.0 0.44 1.0

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

1. For the *rgb**d-input values the CIELAB data *LCH**d and *LAB**d have been measured.
2. For the calculation of the standard hue angle $h_{ab,s}$ use for any device values *rgb**d the equation:
   $$h_{ab,s} = atan\,[\,r^*_d\,cos(30) + g^*_d\,cos(150)\,]\,/\,[\,r^*_d\,sin(30) + g^*_d\,sin(150) + b^*_d\,sin(270)\,] \quad (1)$$
3. 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:
   $$h_{48ab,sij} = h_{ab,si} + j\,[h_{ab,si+1} - h_{ab,si}\,]\,/8\;(\,i = 0, 1, ..., 5;\, j = 0, 1, ..., 7) \quad (2)$$
   $$h_{360ab,sij} = h_{ab,si} + j\,[h_{ab,si+1} - h_{ab,si}\,]\,/60\;(\,i = 0, 1, ..., 5;\, j = 0, 1, ..., 59) \quad (3)$$
4. 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:
   $$h_{48ab,eij} = h_{ab,ei} + j\,[h_{ab,ei+1} - h_{ab,ei}\,]\,/8\;(\,i = 0, 1, ..., 5;\, j = 0, 1, ..., 7) \quad (4)$$
   $$h_{360ab,eij} = h_{ab,ei} + j\,[h_{ab,ei+1} - h_{ab,ei}\,]\,/60\;(\,i = 0, 1, ..., 5;\, j = 0, 1, ..., 59) \quad (5)$$
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.
6. The values *rgb**de produce the output of the device-independent elementary hues

TUB-test chart OE34; 48 and 360 step hue circles, Page 1/20
Data of photo printer FRS09_91, no separation, D65 and D50

input: *rgb**d *setrgbcolor*
output: no change

Data of Maximum color M in colorimetric system photo printer FRS09_91; no separation, 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:* $h_{ab,d}$ = 35.0, 92.6, 143.2, 226.7, 311.8, 337.2; 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**dd50M			*LAB**dd50Mx (x=LabCh)					*rgb**ds50M			*LAB**ds50Mx (x=LabCh)					*rgb**s50M			*rgb**de50M			*LAB**de50Mx (x=LabCh)					*rgb**e50M			*rgb**dd *rgb**ds *rgb**de
35.0	30.0	25.5	1.0	0.0	0.0	34.6	59.4	41.6	72.6	35.0	1.0	0.0	0.033	34.7	61.1	35.3	70.5	30	1.0	0.0	0.0	1.0	0.0	0.066	34.8	62.1	29.0	68.5	25	1.0	0.0	0.0	
44.2	37.5	33.8	1.0	0.125	0.0	42.3	51.9	50.4	72.4	44.2	1.0	0.041	0.0	37.1	57.1	44.6	72.5	38	1.0	0.125	0.0	1.0	0.0	0.006	34.6	59.8	40.3	72.2	34	1.0	0.125	0.0	
55.8	45.0	42.2	1.0	0.25	0.0	50.6	41.2	60.5	73.2	55.8	1.0	0.134	0.0	42.9	51.2	51.2	72.5	45	1.0	0.25	0.0	1.0	0.096	0.0	40.5	53.8	48.5	72.4	42	1.0	0.25	0.0	
66.6	52.5	50.5	1.0	0.375	0.0	58.4	30.4	70.4	76.7	66.6	1.0	0.22	0.0	48.6	43.9	58.3	73.0	53	1.0	0.375	0.0	1.0	0.199	0.0	47.2	45.9	56.6	72.9	51	1.0	0.375	0.0	
76.8	60.0	58.9	1.0	0.5	0.0	66.5	19.1	81.3	83.5	76.8	1.0	0.299	0.0	53.7	37.3	64.5	74.5	60	1.0	0.5	0.0	1.0	0.287	0.0	52.9	38.2	63.6	74.2	59	1.0	0.5	0.0	
83.8	67.5	67.2	1.0	0.625	0.0	73.4	9.8	90.8	91.3	83.8	1.0	0.392	0.0	59.5	29.1	71.9	77.6	68	1.0	0.625	0.0	1.0	0.379	0.0	58.7	30.0	70.8	76.9	67	1.0	0.625	0.0	
88.9	75.0	75.6	1.0	0.75	0.0	79.3	1.9	99.2	99.2	88.9	1.0	0.478	0.0	65.1	21.3	79.5	82.3	75	1.0	0.75	0.0	1.0	0.491	0.0	65.9	20.1	80.5	83.0	76	1.0	0.75	0.0	
92.5	82.5	84.0	1.0	0.875	0.0	84.1	−4.5	106.4	106.5	92.5	1.0	0.61	0.0	72.6	11.0	89.7	90.4	83	1.0	0.875	0.0	1.0	0.629	0.0	73.6	9.6	91.1	91.6	84	1.0	0.875	0.0	
92.6	90.0	92.3	1.0	1.0	0.0	84.4	−4.7	106.9	107.0	92.6	1.0	0.788	0.0	80.8	0.0	101.5	101.5	90	1.0	1.0	0.0	1.0	0.859	0.0	83.5	−3.6	105.5	105.6	92	1.0	1.0	0.0	
93.0	97.5	101.1	0.875	1.0	0.0	83.8	−5.5	106.1	106.3	93.0	0.769	1.0	0.0	80.1	−14.0	100.5	101.5	98	0.875	1.0	0.0	0.718	1.0	0.0	77.8	−18.8	97.1	98.9	101	0.875	1.0	0.0	
98.9	105.0	109.8	0.75	1.0	0.0	79.5	−15.5	99.5	100.7	98.9	0.657	1.0	0.0	74.6	−24.6	92.2	95.5	105	0.75	1.0	0.0	0.579	1.0	0.0	70.6	−31.3	86.2	91.7	110	0.75	1.0	0.0	
107.1	112.5	118.5	0.625	1.0	0.0	73.0	−27.4	89.6	93.7	107.1	0.533	1.0	0.0	68.2	−34.9	82.5	89.6	113	0.625	1.0	0.0	0.433	1.0	0.0	63.6	−41.7	75.5	86.3	119	0.625	1.0	0.0	
115.1	120.0	127.3	0.5	1.0	0.0	66.5	−37.3	79.8	88.1	115.1	0.416	1.0	0.0	62.8	−42.8	74.3	85.8	120	0.5	1.0	0.0	0.289	1.0	0.0	57.6	−50.0	66.5	83.3	127	0.5	1.0	0.0	
122.4	127.5	136.0	0.375	1.0	0.0	61.0	−45.3	71.5	84.7	122.4	0.27	1.0	0.0	56.9	−51.0	65.4	83.0	128	0.375	1.0	0.0	0.132	1.0	0.0	50.2	−58.0	56.1	80.7	136	0.375	1.0	0.0	
129.1	135.0	144.7	0.25	1.0	0.0	56.1	−52.0	64.2	82.7	129.1	0.149	1.0	0.0	51.1	−57.2	57.3	81.0	135	0.25	1.0	0.0	0.0	1.0	0.018	44.0	−62.7	44.0	76.7	145	0.25	1.0	0.0	
136.4	142.5	153.5	0.125	1.0	0.0	49.9	−58.3	55.6	80.6	136.4	0.004	1.0	0.0	43.9	−62.5	47.2	78.4	143	0.125	1.0	0.0	0.0	1.0	0.1	45.4	−62.0	31.6	69.7	153	0.125	1.0	0.0	
143.2	150.0	162.2	0.0	1.0	0.0	43.7	−62.6	46.9	78.3	143.2	0.0	1.0	0.069	44.9	−62.5	36.2	72.3	150	0.0	1.0	0.0	0.0	1.0	0.21	46.8	−59.1	19.2	62.2	162	0.0	1.0	0.0	
155.5	157.5	169.1	0.0	1.0	0.125	45.8	−61.3	28.0	67.5	155.5	0.0	1.0	0.158	46.2	−60.6	24.5	65.5	158	0.0	1.0	0.125	0.0	1.0	0.299	47.6	−56.1	10.9	57.2	169	0.0	1.0	0.125	
165.0	165.0	175.9	0.0	1.0	0.25	47.2	−57.7	15.5	59.8	165.0	0.0	1.0	0.25	47.2	−57.7	15.5	59.8	165	0.0	1.0	0.25	0.0	1.0	0.383	48.3	−52.6	3.7	52.8	176	0.0	1.0	0.25	
175.2	172.5	182.8	0.0	1.0	0.375	48.3	−52.9	4.4	53.2	175.2	0.0	1.0	0.348	48.0	−54.1	6.7	54.6	173	0.0	1.0	0.375	0.0	1.0	0.451	49.1	−49.4	−2.5	49.6	183	0.0	1.0	0.375	
188.0	180.0	189.6	0.0	1.0	0.5	49.6	−46.7	−6.5	47.3	188.0	0.0	1.0	0.422	48.8	−50.9	0.0	51.0	180	0.0	1.0	0.5	0.0	1.0	0.516	49.8	−46.0	−8.0	46.8	190	0.0	1.0	0.5	
203.5	187.5	196.4	0.0	1.0	0.625	50.8	−39.6	−17.2	43.3	203.5	0.0	1.0	0.5	49.6	−46.7	−6.5	47.3	188	0.0	1.0	0.625	0.0	1.0	0.565	50.2	−43.4	−12.4	45.2	196	0.0	1.0	0.625	
217.4	195.0	203.3	0.0	1.0	0.75	51.8	−33.3	−25.4	42.1	217.4	0.0	1.0	0.556	50.1	−43.8	−11.7	45.5	195	0.0	1.0	0.75	0.0	1.0	0.621	50.7	−39.9	−16.9	43.4	203	0.0	1.0	0.75	
225.4	202.5	210.1	0.0	1.0	0.875	52.2	−29.6	−30.1	42.3	225.4	0.0	1.0	0.621	50.7	−39.9	−16.9	43.4	203	0.0	1.0	0.875	0.0	1.0	0.684	51.2	−36.9	−21.3	42.7	210	0.0	1.0	0.875	
226.7	210.0	217.0	0.0	1.0	1.0	52.2	−29.0	−30.8	42.4	226.7	0.0	1.0	0.684	51.2	−36.9	−21.3	42.7	210	0.0	1.0	1.0	0.0	1.0	0.747	51.7	−33.5	−25.2	42.1	217	0.0	1.0	1.0	
227.0	217.5	223.8	0.0	0.875	1.0	52.2	−28.8	−30.9	42.4	227.0	0.0	1.0	0.76	51.8	−33.1	−25.8	42.1	218	0.0	0.875	1.0	0.0	1.0	0.853	52.1	−30.3	−29.3	42.3	224	0.0	0.875	1.0	
234.2	225.0	230.7	0.0	0.75	1.0	49.9	−23.8	−33.1	40.9	234.2	0.0	1.0	0.868	52.2	−29.8	−29.8	42.3	225	0.0	0.75	1.0	0.0	0.805	1.0	50.9	−26.0	−32.2	41.5	231	0.0	0.75	1.0	
245.8	232.5	237.5	0.0	0.625	1.0	46.4	−16.2	−36.4	39.9	245.8	0.0	0.77	1.0	50.3	−24.7	−32.8	41.1	233	0.0	0.625	1.0	0.0	0.709	1.0	48.8	−21.4	−34.3	40.6	238	0.0	0.625	1.0	
261.4	240.0	244.4	0.0	0.5	1.0	41.6	−6.0	−40.6	41.1	261.4	0.0	0.688	1.0	48.1	−20.1	−34.9	40.4	240	0.0	0.5	1.0	0.0	0.645	1.0	46.9	−17.5	−35.9	40.1	244	0.0	0.5	1.0	
279.4	247.5	251.2	0.0	0.375	1.0	35.2	7.6	−45.8	46.6	279.4	0.0	0.608	1.0	45.7	−14.9	−37.1	40.1	248	0.0	0.375	1.0	0.0	0.584	1.0	44.8	−13.0	−38.0	40.3	251	0.0	0.375	1.0	
293.8	255.0	258.0	0.0	0.25	1.0	28.2	22.6	−51.0	55.8	293.8	0.0	0.552	1.0	43.6	−10.4	−39.1	40.6	255	0.0	0.25	1.0	0.0	0.528	1.0	42.7	−8.4	−39.9	40.9	258	0.0	0.25	1.0	
304.5	262.5	264.9	0.0	0.125	1.0	20.7	38.0	−55.2	67.1	304.5	0.0	0.489	1.0	41.1	−5.0	−41.2	41.6	263	0.0	0.125	1.0	0.0	0.475	1.0	40.3	−3.6	−41.9	42.2	265	0.0	0.125	1.0	
311.8	270.0	271.7	0.0	0.0	1.0	13.4	51.2	−57.1	76.7	311.8	0.0	0.44	1.0	38.6	0.0	−43.6	43.7	270	0.0	0.0	1.0	0.0	0.427	1.0	37.8	1.5	−44.2	44.3	272	0.0	0.0	1.0	
313.1	277.5	278.8	0.125	0.0	1.0	16.0	53.4	−57.0	78.1	313.1	0.0	0.385	1.0	35.7	6.4	−45.6	46.1	278	0.125	0.0	1.0	0.0	0.378	1.0	35.3	7.3	−45.8	46.4	279	0.125	0.0	1.0	
315.3	285.0	286.0	0.25	0.0	1.0	19.0	56.0	−55.2	78.7	315.3	0.0	0.327	1.0	32.5	13.0	−48.3	50.1	285	0.25	0.0	1.0	0.0	0.318	1.0	32.0	14.0	−48.7	50.8	286	0.25	0.0	1.0	
318.9	292.5	293.1	0.375	0.0	1.0	22.1	59.3	−51.5	78.6	318.9	0.0	0.257	1.0	28.6	21.6	−50.8	55.3	293	0.375	0.0	1.0	0.0	0.257	1.0	28.6	21.6	−50.8	55.3	293	0.375	0.0	1.0	
322.7	300.0	300.2	0.5	0.0	1.0	25.7	62.9	−47.8	79.0	322.7	0.0	0.178	1.0	23.9	31.2	−53.9	62.3	300	0.5	0.0	1.0	0.0	0.178	1.0	23.9	31.2	−53.9	62.3	300	0.5	0.0	1.0	
327.5	307.5	307.3	0.625	0.0	1.0	29.6	67.7	−43.0	80.2	327.5	0.0	0.066	1.0	17.2	44.1	−56.4	71.7	308	0.625	0.0	1.0	0.0	0.083	1.0	18.2	42.3	−56.1	70.4	307	0.625	0.0	1.0	
332.9	315.0	314.4	0.75	0.0	1.0	33.5	73.3	−37.4	82.3	332.9	0.231	0.0	1.0	18.5	55.6	−55.5	78.6	315	0.75	0.0	1.0	0.176	0.0	1.0	17.2	54.4	−56.3	78.4	314	0.75	0.0	1.0	
336.9	322.5	321.5	0.875	0.0	1.0	36.7	78.0	−33.2	84.8	336.9	0.507	0.0	1.0	25.9	63.2	−47.5	79.1	323	0.875	0.0	1.0	0.443	0.0	1.0	24.1	61.3	−49.5	78.8	321	0.875	0.0	1.0	
337.2	330.0	328.6	1.0	0.0	1.0	36.9	78.3	−32.8	84.9	337.2	0.682	0.0	1.0	31.4	70.3	−40.5	81.2	330	1.0	0.0	1.0	0.659	0.0	1.0	30.7	69.3	−41.5	80.8	329	1.0	0.0	1.0	
337.3	337.5	335.7	1.0	0.0	0.875	37.0	78.2	−32.5	84.7	337.3	1.0	0.0	0.817	36.9	77.6	−31.3	83.7	338	1.0	0.0	0.875	0.847	0.0	1.0	36.0	76.9	−34.2	84.2	336	1.0	0.0	0.875	
338.8	345.0	342.8	1.0	0.0	0.75	36.9	76.9	−29.8	82.5	338.8	1.0	0.0	0.553	36.5	72.6	−19.3	75.1	345	1.0	0.0	0.75	1.0	0.0	0.599	36.6	73.7	−22.4	77.1	343	1.0	0.0	0.75	
341.9	352.5	349.9	1.0	0.0	0.625	36.7	74.3	−24.2	78.2	341.9	1.0	0.0	0.402	36.0	68.8	−8.3	69.3	353	1.0	0.0	0.625	1.0	0.0	0.453	36.2	70.1	−12.3	71.2	350	1.0	0.0	0.625	
347.3	360.0	357.0	1.0	0.0	0.5	36.3	71.1	−16.0	72.9	347.3	1.0	0.0	0.303	35.7	66.5	0.0	66.5	0	1.0	0.0	0.5	1.0	0.0	0.343	35.8	67.4	−3.4	67.5	357	1.0	0.0	0.5	
354.6	367.5	364.2	1.0	0.0	0.375	35.9	68.0	−6.4	68.3	354.6	1.0	0.0	0.208	35.4	64.5	9.1	65.1	8	1.0	0.0	0.375	1.0	0.0	0.249	35.6	65.1	4.6	65.3	4	1.0	0.0	0.375	
363.9	375.0	371.3	1.0	0.0	0.25	35.6	65.1	4.5	65.3	363.9	1.0	0.0	0.136	35.1	62.7	16.8	64.9	15	1.0	0.0	0.25	1.0	0.0	0.177	35.3	63.9	12.4	65.1	11	1.0	0.0	0.25	
376.1	382.5	378.4	1.0	0.0	0.125	35.1	62.4	18.0	64.9	376.1	1.0	0.0	0.079	34.9	62.3	26.5	67.7	23	1.0	0.0	0.125	1.0	0.0	0.112	35.0	62.5	20.3	65.7	18	1.0	0.0	0.125	
395.0	390.0	385.5	1.0	0.0	0.0	34.6	59.4	41.6	72.6	395.0	1.0	0.0	0.033	34.7	61.1	35.3	70.5	30	1.0	0.0	0.0	1.0	0.0	0.066	34.8	62.1	29.0	68.5	25	1.0	0.0	0.0	

Data of Maximum color M in colorimetric system photo printer FRS09_91; no separation, 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:* $h_{ab,d}$ = 35.0, 92.6, 143.2, 226.7, 311.8, 337.2; 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)					R_d	*rgb**ds361Mi			*LAB**ds361Mix (x=LabCh)					*rgb**s50M			R_s	*rgb**de361Mi			*LAB**de361Mix (x=LabCh)					*rgb**e50M			R_e
34	30	25	1.0	0.0	0.006	34.6	59.8	40.3	72.2	34		1.0	0.0	0.033	34.7	61.1	35.3	70.5	30	1.0	0.0	0.0		1.0	0.0	0.066	34.8	62.1	29.0	68.5	25	1.0	0.0	0.0	
35	31	27	1.0	0.0	0.0	34.6	59.4	41.6	72.6	35		1.0	0.0	0.026	34.7	60.8	36.5	70.9	31	1.0	0.017	0.0		1.0	0.0	0.053	34.8	61.8	31.5	69.3	27	1.0	0.017	0.0	
36	32	28	1.0	0.014	0.0	35.4	58.7	42.6	72.5	36		1.0	0.0	0.02	34.6	60.5	37.8	71.3	32	1.0	0.033	0.0		1.0	0.0	0.046	34.8	61.6	32.7	69.7	28	1.0	0.033	0.0	
37	33	29	1.0	0.027	0.0	36.3	57.9	43.6	72.5	37		1.0	0.0	0.013	34.6	60.2	39.1	71.7	33	1.0	0.05	0.0		1.0	0.0	0.04	34.7	61.3	34.0	70.1	29	1.0	0.05	0.0	
38	34	30	1.0	0.041	0.0	37.1	57.1	44.6	72.5	38		1.0	0.0	0.006	34.6	59.8	40.3	72.2	34	1.0	0.067	0.0		1.0	0.0	0.033	34.7	61.1	35.3	70.5	30	1.0	0.067	0.0	
39	35	31	1.0	0.055	0.0	37.9	56.3	45.6	72.5	39		1.0	0.0	0.0	34.6	59.4	41.6	72.6	35	1.0	0.083	0.0		1.0	0.0	0.026	34.7	60.8	36.5	70.9	31	1.0	0.083	0.0	
40	36	32	1.0	0.068	0.0	38.8	55.5	46.6	72.5	40		1.0	0.014	0.0	35.4	58.7	42.6	72.5	36	1.0	0.1	0.0		1.0	0.0	0.02	34.6	60.5	37.8	71.3	32	1.0	0.1	0.0	
41	37	33	1.0	0.082	0.0	39.6	54.7	47.5	72.4	41		1.0	0.027	0.0	36.3	57.9	43.6	72.5	37	1.0	0.117	0.0		1.0	0.0	0.013	34.6	60.2	39.1	71.7	33	1.0	0.117	0.0	
42	38	34	1.0	0.096	0.0	40.5	53.8	48.5	72.4	42		1.0	0.041	0.0	37.1	57.1	44.6	72.5	38	1.0	0.133	0.0		1.0	0.0	0.006	34.6	59.8	40.3	72.2	34	1.0	0.133	0.0	
43	39	36	1.0	0.109	0.0	41.3	53.0	49.4	72.4	43		1.0	0.055	0.0	37.9	56.3	45.6	72.5	39	1.0	0.15	0.0		1.0	0.014	0.0	35.4	58.7	42.6	72.5	36	1.0	0.15	0.0	
44	40	37	1.0	0.123	0.0	42.2	52.1	50.3	72.4	44		1.0	0.068	0.0	38.8	55.5	46.6	72.5	40	1.0	0.167	0.0		1.0	0.027	0.0	36.3	57.9	43.6	72.5	37	1.0	0.167	0.0	
45	41	38	1.0	0.134	0.0	42.9	51.2	51.2	72.5	45		1.0	0.082	0.0	39.6	54.7	47.5	72.4	41	1.0	0.183	0.0		1.0	0.041	0.0	37.1	57.1	44.6	72.5	38	1.0	0.183	0.0	
46	42	39	1.0	0.145	0.0	43.6	50.4	52.2	72.5	46		1.0	0.096	0.0	40.5	53.8	48.5	72.4	42	1.0	0.2	0.0		1.0	0.055	0.0	37.9	56.3	45.6	72.5	39	1.0	0.2	0.0	
47	43	40	1.0	0.156	0.0	44.3	49.5	53.1	72.6	47		1.0	0.109	0.0	41.3	53.0	49.4	72.4	43	1.0	0.217	0.0		1.0	0.068	0.0	38.8	55.5	46.6	72.5	40	1.0	0.217	0.0	
48	44	41	1.0	0.166	0.0	45.1	48.6	54.0	72.7	48		1.0	0.123	0.0	42.2	52.1	50.3	72.4	44	1.0	0.233	0.0		1.0	0.082	0.0	39.6	54.7	47.5	72.4	41	1.0	0.233	0.0	
49	45	42	1.0	0.177	0.0	45.8	47.7	54.9	72.7	49		1.0	0.134	0.0	42.9	51.2	51.2	72.5	45	1.0	0.25	0.0		1.0	0.096	0.0	40.5	53.8	48.5	72.4	42	1.0	0.25	0.0	
50	46	43	1.0	0.188	0.0	46.5	46.8	55.8	72.8	50		1.0	0.145	0.0	43.6	50.4	52.2	72.5	46	1.0	0.267	0.0		1.0	0.109	0.0	41.3	53.0	49.4	72.4	43	1.0	0.267	0.0	
51	47	44	1.0	0.199	0.0	47.2	45.9	56.6	72.9	51		1.0	0.156	0.0	44.3	49.5	53.1	72.6	47	1.0	0.283	0.0		1.0	0.123	0.0	42.2	52.1	50.3	72.4	44	1.0	0.283	0.0	
52	48	46	1.0	0.209	0.0	47.9	44.9	57.5	72.9	52		1.0	0.166	0.0	45.1	48.6	54.0	72.7	48	1.0	0.3	0.0		1.0	0.145	0.0	43.6	50.4	52.2	72.5	46	1.0	0.3	0.0	
53	49	47	1.0	0.22	0.0	48.6	43.9	58.3	73.0	53		1.0	0.177	0.0	45.8	47.7	54.9	72.7	49	1.0	0.317	0.0		1.0	0.156	0.0	44.3	49.5	53.1	72.6	47	1.0	0.317	0.0	
54	50	48	1.0	0.231	0.0	49.4	42.9	59.1	73.1	54		1.0	0.188	0.0	46.5	46.8	55.8	72.8	50	1.0	0.333	0.0		1.0	0.166	0.0	45.1	48.6	54.0	72.7	48	1.0	0.333	0.0	
55	51	49	1.0	0.242	0.0	50.1	41.9	59.9	73.1	55		1.0	0.199	0.0	47.2	45.9	56.6	72.9	51	1.0	0.35	0.0		1.0	0.177	0.0	45.8	47.7	54.9	72.7	49	1.0	0.35	0.0	
56	52	50	1.0	0.253	0.0	50.8	41.0	60.7	73.3	56		1.0	0.209	0.0	47.9	44.9	57.5	72.9	52	1.0	0.367	0.0		1.0	0.188	0.0	46.5	46.8	55.8	72.8	50	1.0	0.367	0.0	
57	53	51	1.0	0.264	0.0	51.5	40.1	61.7	73.6	57		1.0	0.22	0.0	48.6	43.9	58.3	73.0	53	1.0	0.383	0.0		1.0	0.199	0.0	47.2	45.9	56.6	72.9	51	1.0	0.383	0.0	
58	54	52	1.0	0.276	0.0	52.2	39.2	62.7	73.9	58		1.0	0.231	0.0	49.4	42.9	59.1	73.1	54	1.0	0.4	0.0		1.0	0.209	0.0	47.9	44.9	57.5	72.9	52	1.0	0.4	0.0	
59	55	53	1.0	0.287	0.0	52.9	38.2	63.6	74.2	59		1.0	0.242	0.0	50.1	41.9	59.9	73.1	55	1.0	0.417	0.0		1.0	0.22	0.0	48.6	43.9	58.3	73.0	53	1.0	0.417	0.0	
60	56	54	1.0	0.299	0.0	53.7	37.3	64.5	74.5	60		1.0	0.253	0.0	50.8	41.0	60.7	73.3	56	1.0	0.433	0.0		1.0	0.231	0.0	49.4	42.9	59.1	73.1	54	1.0	0.433	0.0	
61	57	56	1.0	0.31	0.0	54.4	36.3	65.5	74.9	61		1.0	0.264	0.0	51.5	40.1	61.7	73.6	57	1.0	0.45	0.0		1.0	0.253	0.0	50.8	41.0	60.7	73.3	56	1.0	0.45	0.0	
62	58	57	1.0	0.322	0.0	55.1	35.3	66.4	75.2	62		1.0	0.276	0.0	52.2	39.2	62.7	73.9	58	1.0	0.467	0.0		1.0	0.264	0.0	51.5	40.1	61.7	73.6	57	1.0	0.467	0.0	
63	59	58	1.0	0.333	0.0	55.8	34.3	67.3	75.5	63		1.0	0.287	0.0	52.9	38.2	63.6	74.2	59	1.0	0.483	0.0		1.0	0.276	0.0	52.2	39.2	62.7	73.9	58	1.0	0.483	0.0	
64	60	59	1.0	0.345	0.0	56.5	33.2	68.1	75.8	64		1.0	0.299	0.0	53.7	37.3	64.5	74.5	60	1.0	0.5	0.0		1.0	0.287	0.0	52.9	38.2	63.6	74.2	59	1.0	0.5	0.0	
65	61	60	1.0	0.356	0.0	57.2	32.2	69.0	76.1	65		1.0	0.31	0.0	54.4	36.3	65.5	74.9	61	1.0	0.517	0.0		1.0	0.299	0.0	53.7	37.3	64.5	74.5	60	1.0	0.517	0.0	
66	62	61	1.0	0.368	0.0	58.0	31.1	69.8	76.4	66		1.0	0.322	0.0	55.1	35.3	66.4	75.2	62	1.0	0.533	0.0		1.0	0.31	0.0	54.4	36.3	65.5	74.9	61	1.0	0.533	0.0	
67	63	62	1.0	0.379	0.0	58.7	30.0	70.8	76.9	67		1.0	0.333	0.0	55.8	34.3	67.3	75.5	63	1.0	0.55	0.0		1.0	0.322	0.0	55.1	35.3	66.4	75.2	62	1.0	0.55	0.0	
68	64	63	1.0	0.392	0.0	59.5	29.1	71.9	77.6	68		1.0	0.345	0.0	56.5	33.2	68.1	75.8	64	1.0	0.567	0.0		1.0	0.333	0.0	55.8	34.3	67.3	75.5	63	1.0	0.567	0.0	
69	65	64	1.0	0.404	0.0	60.3	28.0	73.0	78.2	69		1.0	0.356	0.0	57.2	32.2	69.0	76.1	65	1.0	0.583	0.0		1.0	0.345	0.0	56.5	33.2	68.1	75.8	64	1.0	0.583	0.0	
70	66	66	1.0	0.416	0.0	61.1	27.0	74.2	78.9	70		1.0	0.368	0.0	58.0	31.1	69.8	76.4	66	1.0	0.6	0.0		1.0	0.368	0.0	58.0	31.1	69.8	76.4	66	1.0	0.6	0.0	
71	67	67	1.0	0.429	0.0	61.9	25.9	75.3	79.6	71		1.0	0.379	0.0	58.7	30.0	70.8	76.9	67	1.0	0.617	0.0		1.0	0.379	0.0	58.7	30.0	70.8	76.9	67	1.0	0.617	0.0	
72	68	68	1.0	0.441	0.0	62.7	24.8	76.3	80.3	72		1.0	0.392	0.0	59.5	29.1	71.9	77.6	68	1.0	0.633	0.0		1.0	0.392	0.0	59.5	29.1	71.9	77.6	68	1.0	0.633	0.0	
73	69	69	1.0	0.454	0.0	63.5	23.7	77.4	80.9	73		1.0	0.404	0.0	60.3	28.0	73.0	78.2	69	1.0	0.65	0.0		1.0	0.404	0.0	60.3	28.0	73.0	78.2	69	1.0	0.65	0.0	
74	70	70	1.0	0.466	0.0	64.3	22.5	78.5	81.6	74		1.0	0.416	0.0	61.1	27.0	74.2	78.9	70	1.0	0.667	0.0		1.0	0.416	0.0	61.1	27.0	74.2	78.9	70	1.0	0.667	0.0	
75	71	71	1.0	0.478	0.0	65.1	21.3	79.5	82.3	75		1.0	0.429	0.0	61.9	25.9	75.3	79.6	71	1.0	0.683	0.0		1.0	0.429	0.0	61.9	25.9	75.3	79.6	71	1.0	0.683	0.0	
76	72	72	1.0	0.491	0.0	65.9	20.1	80.5	83.0	76		1.0	0.441	0.0	62.7	24.8	76.3	80.3	72	1.0	0.7	0.0		1.0	0.441	0.0	62.7	24.8	76.3	80.3	72	1.0	0.7	0.0	
77	73	73	1.0	0.504	0.0	66.7	18.8	81.6	83.7	77		1.0	0.454	0.0	63.5	23.7	77.4	80.9	73	1.0	0.717	0.0		1.0	0.454	0.0	63.5	23.7	77.4	80.9	73	1.0	0.717	0.0	
78	74	74	1.0	0.522	0.0	67.7	17.6	83.0	84.9	78		1.0	0.466	0.0	64.3	22.5	78.5	81.6	74	1.0	0.733	0.0		1.0	0.466	0.0	64.3	22.5	78.5	81.6	74	1.0	0.733	0.0	
79	75	76	1.0	0.54	0.0	68.7	16.4	84.4	86.0	79		1.0	0.478	0.0	65.1	21.3	79.5	82.3	75	1.0	0.75	0.0		1.0	0.491	0.0	65.9	20.1	80.5	83.0	76	1.0	0.75	0.0	

*rgb**dd *rgb**ds *rgb**de

Data of Maximum color M in colorimetric system photo printer FRS09_91; no separation, 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:* $h_{ab,d}$ = 35.0, 92.6, 143.2, 226.7, 311.8, 337.2; 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		
79	75	76	1.0	0.54	0.0	68.7	16.4	84.4	86.0	79	1.0	0.478	0.0	65.1	21.3	79.5	82.3	75	1.0	0.75	0.0	1.0	0.491	0.0	65.9	20.1	80.5	83.0	76	1.0	0.75	0.0
80	76	77	1.0	0.557	0.0	69.6	15.1	85.7	87.1	80	1.0	0.491	0.0	65.9	20.1	80.5	83.0	76	1.0	0.767	0.0	1.0	0.504	0.0	66.7	18.8	81.6	83.7	77	1.0	0.767	0.0
81	77	78	1.0	0.575	0.0	70.6	13.8	87.1	88.2	81	1.0	0.504	0.0	66.7	18.8	81.6	83.7	77	1.0	0.783	0.0	1.0	0.522	0.0	67.7	17.6	83.0	84.9	78	1.0	0.783	0.0
82	78	79	1.0	0.593	0.0	71.6	12.4	88.4	89.3	82	1.0	0.522	0.0	67.7	17.6	83.0	84.9	78	1.0	0.8	0.0	1.0	0.54	0.0	68.7	16.4	84.4	86.0	79	1.0	0.8	0.0
83	79	80	1.0	0.61	0.0	72.6	11.0	89.7	90.4	83	1.0	0.54	0.0	68.7	16.4	84.4	86.0	79	1.0	0.817	0.0	1.0	0.557	0.0	69.6	15.1	85.7	87.1	80	1.0	0.817	0.0
84	80	81	1.0	0.629	0.0	73.6	9.6	91.1	91.6	84	1.0	0.557	0.0	69.6	15.1	85.7	87.1	80	1.0	0.833	0.0	1.0	0.575	0.0	70.6	13.8	87.1	88.2	81	1.0	0.833	0.0
85	81	82	1.0	0.654	0.0	74.7	8.1	92.8	93.1	85	1.0	0.575	0.0	70.6	13.8	87.1	88.2	81	1.0	0.85	0.0	1.0	0.593	0.0	71.6	12.4	88.4	89.3	82	1.0	0.85	0.0
86	82	83	1.0	0.678	0.0	75.9	6.6	94.5	94.7	86	1.0	0.593	0.0	71.6	12.4	88.4	89.3	82	1.0	0.867	0.0	1.0	0.61	0.0	72.6	11.0	89.7	90.4	83	1.0	0.867	0.0
87	83	85	1.0	0.703	0.0	77.1	5.0	96.1	96.2	87	1.0	0.61	0.0	72.6	11.0	89.7	90.4	83	1.0	0.883	0.0	1.0	0.654	0.0	74.7	8.1	92.8	93.1	85	1.0	0.883	0.0
88	84	86	1.0	0.728	0.0	78.2	3.4	97.7	97.8	88	1.0	0.629	0.0	73.6	9.6	91.1	91.6	84	1.0	0.9	0.0	1.0	0.678	0.0	75.9	6.6	94.5	94.7	86	1.0	0.9	0.0
89	85	87	1.0	0.753	0.0	79.4	1.7	99.4	99.4	89	1.0	0.654	0.0	74.7	8.1	92.8	93.1	85	1.0	0.917	0.0	1.0	0.703	0.0	77.1	5.0	96.1	96.2	87	1.0	0.917	0.0
90	86	88	1.0	0.788	0.0	80.8	0.0	101.5	101.5	90	1.0	0.678	0.0	75.9	6.6	94.5	94.7	86	1.0	0.933	0.0	1.0	0.728	0.0	78.2	3.4	97.7	97.8	88	1.0	0.933	0.0
91	87	89	1.0	0.824	0.0	82.2	−1.7	103.5	103.5	91	1.0	0.703	0.0	77.1	5.0	96.1	96.2	87	1.0	0.95	0.0	1.0	0.753	0.0	79.4	1.7	99.4	99.4	89	1.0	0.95	0.0
92	88	90	1.0	0.859	0.0	83.5	−3.6	105.5	105.6	92	J_d	1.0	0.728	0.0	78.2	3.4	97.7	97.8	88	1.0	0.967	0.0	1.0	0.788	0.0	80.8	0.0	101.5	101.5	90	1.0	0.967	0.0
93	89	91	0.883	1.0	0.0	83.8	−5.5	106.2	106.3	93		1.0	0.753	0.0	79.4	1.7	99.4	99.4	89	1.0	0.983	0.0	1.0	0.824	0.0	82.2	−1.7	103.5	103.5	91	1.0	0.983	0.0
94	90	92	0.854	1.0	0.0	83.1	−7.2	105.1	105.3	94		1.0	0.788	0.0	80.8	0.0	101.5	101.5	90	1.0	1.0	0.0 J_s	1.0	0.859	0.0	83.5	−3.6	105.5	105.6	92	1.0	1.0	0.0 J_e
95	91	93	0.833	1.0	0.0	82.4	−9.0	104.0	104.4	95		1.0	0.824	0.0	82.2	−1.7	103.5	103.5	91	0.983	1.0	0.0	0.883	1.0	0.0	83.8	−5.5	106.2	106.3	93	0.983	1.0	0.0
96	92	95	0.812	1.0	0.0	81.6	−10.7	102.9	103.4	96		1.0	0.859	0.0	83.5	−3.6	105.5	105.6	92	0.967	1.0	0.0	0.833	1.0	0.0	82.4	−9.0	104.0	104.4	95	0.967	1.0	0.0
97	93	96	0.79	1.0	0.0	80.9	−12.4	101.7	102.5	97		0.883	1.0	0.0	83.8	−5.5	106.2	106.3	93	0.95	1.0	0.0	0.812	1.0	0.0	81.6	−10.7	102.9	103.4	96	0.95	1.0	0.0
98	94	97	0.769	1.0	0.0	80.1	−14.0	100.5	101.5	98		0.854	1.0	0.0	83.1	−7.2	105.1	105.3	94	0.933	1.0	0.0	0.79	1.0	0.0	80.9	−12.4	101.7	102.5	97	0.933	1.0	0.0
99	95	98	0.748	1.0	0.0	79.4	−15.6	99.4	100.6	99		0.833	1.0	0.0	82.4	−9.0	104.0	104.4	95	0.917	1.0	0.0	0.769	1.0	0.0	80.1	−14.0	100.5	101.5	98	0.917	1.0	0.0
100	96	99	0.733	1.0	0.0	78.6	−17.2	98.2	99.7	100		0.812	1.0	0.0	81.6	−10.7	102.9	103.4	96	0.9	1.0	0.0	0.748	1.0	0.0	79.4	−15.6	99.4	100.6	99	0.9	1.0	0.0
101	97	100	0.718	1.0	0.0	77.8	−18.8	97.1	98.9	101		0.79	1.0	0.0	80.9	−12.4	101.7	102.5	97	0.883	1.0	0.0	0.733	1.0	0.0	78.6	−17.2	98.2	99.7	100	0.883	1.0	0.0
102	98	102	0.703	1.0	0.0	77.0	−20.3	95.9	98.0	102		0.769	1.0	0.0	80.1	−14.0	100.5	101.5	98	0.867	1.0	0.0	0.703	1.0	0.0	77.0	−20.3	95.9	98.0	102	0.867	1.0	0.0
103	99	103	0.687	1.0	0.0	76.2	−21.8	94.7	97.2	103		0.748	1.0	0.0	79.4	−15.6	99.4	100.6	99	0.85	1.0	0.0	0.687	1.0	0.0	76.2	−21.8	94.7	97.2	103	0.85	1.0	0.0
104	100	104	0.672	1.0	0.0	75.4	−23.2	93.5	96.3	104		0.733	1.0	0.0	78.6	−17.2	98.2	99.7	100	0.833	1.0	0.0	0.672	1.0	0.0	75.4	−23.2	93.5	96.3	104	0.833	1.0	0.0
105	101	105	0.657	1.0	0.0	74.6	−24.6	92.2	95.5	105		0.718	1.0	0.0	77.8	−18.8	97.1	98.9	101	0.817	1.0	0.0	0.657	1.0	0.0	74.6	−24.6	92.2	95.5	105	0.817	1.0	0.0
106	102	106	0.641	1.0	0.0	73.8	−26.0	91.0	94.6	106		0.703	1.0	0.0	77.0	−20.3	95.9	98.0	102	0.8	1.0	0.0	0.641	1.0	0.0	73.8	−26.0	91.0	94.6	106	0.8	1.0	0.0
107	103	107	0.626	1.0	0.0	73.0	−27.3	89.7	93.8	107		0.687	1.0	0.0	76.2	−21.8	94.7	97.2	103	0.783	1.0	0.0	0.626	1.0	0.0	73.0	−27.3	89.7	93.8	107	0.783	1.0	0.0
108	104	109	0.611	1.0	0.0	72.2	−28.7	88.5	93.1	108		0.672	1.0	0.0	75.4	−23.2	93.5	96.3	104	0.767	1.0	0.0	0.595	1.0	0.0	71.4	−30.0	87.3	92.4	109	0.767	1.0	0.0
109	105	110	0.595	1.0	0.0	71.4	−30.0	87.3	92.4	109		0.657	1.0	0.0	74.6	−24.6	92.2	95.5	105	0.75	1.0	0.0	0.579	1.0	0.0	70.6	−31.3	86.2	91.7	110	0.75	1.0	0.0
110	106	111	0.579	1.0	0.0	70.6	−31.3	86.2	91.7	110		0.641	1.0	0.0	73.8	−26.0	91.0	94.6	106	0.733	1.0	0.0	0.564	1.0	0.0	69.8	−32.5	84.9	91.0	111	0.733	1.0	0.0
111	107	112	0.564	1.0	0.0	69.8	−32.5	84.9	91.0	111		0.626	1.0	0.0	73.0	−27.3	89.7	93.8	107	0.717	1.0	0.0	0.548	1.0	0.0	69.0	−33.7	83.7	90.3	112	0.717	1.0	0.0
112	108	113	0.548	1.0	0.0	69.0	−33.7	83.7	90.3	112		0.611	1.0	0.0	72.2	−28.7	88.5	93.1	108	0.7	1.0	0.0	0.533	1.0	0.0	68.2	−34.9	82.5	89.6	113	0.7	1.0	0.0
113	109	114	0.533	1.0	0.0	68.2	−34.9	82.5	89.6	113		0.595	1.0	0.0	71.4	−30.0	87.3	92.4	109	0.683	1.0	0.0	0.517	1.0	0.0	67.4	−36.1	81.2	88.9	114	0.683	1.0	0.0
114	110	116	0.517	1.0	0.0	67.4	−36.1	81.2	88.9	114		0.579	1.0	0.0	70.6	−31.3	86.2	91.7	110	0.667	1.0	0.0	0.485	1.0	0.0	65.8	−38.4	78.8	87.7	116	0.667	1.0	0.0
115	111	117	0.502	1.0	0.0	66.6	−37.2	80.0	88.2	115		0.564	1.0	0.0	69.8	−32.5	84.9	91.0	111	0.65	1.0	0.0	0.468	1.0	0.0	65.1	−39.5	77.7	87.3	117	0.65	1.0	0.0
116	112	118	0.485	1.0	0.0	65.8	−38.4	78.8	87.7	116		0.548	1.0	0.0	69.0	−33.7	83.7	90.3	112	0.633	1.0	0.0	0.45	1.0	0.0	64.3	−40.6	76.6	86.8	118	0.633	1.0	0.0
117	113	119	0.468	1.0	0.0	65.1	−39.5	77.7	87.3	117		0.533	1.0	0.0	68.2	−34.9	82.5	89.6	113	0.617	1.0	0.0	0.433	1.0	0.0	63.6	−41.7	75.5	86.3	119	0.617	1.0	0.0
118	114	120	0.45	1.0	0.0	64.3	−40.6	76.6	86.8	118		0.517	1.0	0.0	67.4	−36.1	81.2	88.9	114	0.6	1.0	0.0	0.416	1.0	0.0	62.8	−42.8	74.3	85.8	120	0.6	1.0	0.0
119	115	121	0.433	1.0	0.0	63.6	−41.7	75.5	86.3	119		0.502	1.0	0.0	66.6	−37.2	80.0	88.2	115	0.583	1.0	0.0	0.399	1.0	0.0	62.1	−43.9	73.2	85.4	121	0.583	1.0	0.0
120	116	123	0.416	1.0	0.0	62.8	−42.8	74.3	85.8	120		0.485	1.0	0.0	65.8	−38.4	78.8	87.7	116	0.567	1.0	0.0	0.364	1.0	0.0	60.6	−45.9	70.9	84.5	123	0.567	1.0	0.0
121	117	124	0.399	1.0	0.0	62.1	−43.9	73.2	85.4	121		0.468	1.0	0.0	65.1	−39.5	77.7	87.3	117	0.55	1.0	0.0	0.345	1.0	0.0	59.8	−47.0	69.8	84.2	124	0.55	1.0	0.0
122	118	125	0.382	1.0	0.0	61.3	−44.9	72.0	84.9	122		0.45	1.0	0.0	64.3	−40.6	76.6	86.8	118	0.533	1.0	0.0	0.326	1.0	0.0	59.1	−48.0	68.7	83.9	125	0.533	1.0	0.0
123	119	126	0.364	1.0	0.0	60.6	−45.9	70.9	84.5	123		0.433	1.0	0.0	63.6	−41.7	75.5	86.3	119	0.517	1.0	0.0	0.308	1.0	0.0	58.4	−49.0	67.6	83.6	126	0.517	1.0	0.0
124	120	127	0.345	1.0	0.0	59.8	−47.0	69.8	84.2	124		0.416	1.0	0.0	62.8	−42.8	74.3	85.8	120	0.5	1.0	0.0	0.289	1.0	0.0	57.6	−50.0	66.5	83.3	127	0.5	1.0	0.0

*rgb**dd *rgb**ds *rgb**de

Data of Maximum color M in colorimetric system photo printer FRS09_91; no separation, 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:* $h_{ab,d}$ = 35.0, 92.6, 143.2, 226.7, 311.8, 337.2; 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
124	120	127	0.345	1.0	0.0	59.8	−47.0	69.8	84.2	124	0.416	1.0	0.0	62.8	−42.8	74.3	85.8	120	0.5	1.0	0.0	0.289	1.0	0.0	57.6	−50.0	66.5	83.3	127	0.5	1.0	0.0			
125	121	128	0.326	1.0	0.0	59.1	−48.0	68.7	83.9	125	0.399	1.0	0.0	62.1	−43.9	73.2	85.4	121	0.483	1.0	0.0	0.27	1.0	0.0	56.9	−51.0	65.4	83.0	128	0.483	1.0	0.0			
126	122	130	0.308	1.0	0.0	58.4	−49.0	67.6	83.6	126	0.382	1.0	0.0	61.3	−44.9	72.0	84.9	122	0.467	1.0	0.0	0.234	1.0	0.0	55.3	−52.9	63.1	82.4	130	0.467	1.0	0.0			
127	123	131	0.289	1.0	0.0	57.6	−50.0	66.5	83.3	127	0.364	1.0	0.0	60.6	−45.9	70.9	84.5	123	0.45	1.0	0.0	0.217	1.0	0.0	54.5	−53.8	62.0	82.1	131	0.45	1.0	0.0			
128	124	132	0.27	1.0	0.0	56.9	−51.0	65.4	83.0	128	0.345	1.0	0.0	59.8	−47.0	69.8	84.2	124	0.433	1.0	0.0	0.2	1.0	0.0	53.6	−54.7	60.8	81.9	132	0.433	1.0	0.0			
129	125	133	0.252	1.0	0.0	56.1	−52.0	64.3	82.7	129	0.326	1.0	0.0	59.1	−48.0	68.7	83.9	125	0.417	1.0	0.0	0.183	1.0	0.0	52.8	−55.5	59.7	81.6	133	0.417	1.0	0.0			
130	126	134	0.234	1.0	0.0	55.3	−52.9	63.1	82.4	130	0.308	1.0	0.0	58.4	−49.0	67.6	83.6	126	0.4	1.0	0.0	0.166	1.0	0.0	51.9	−56.4	58.5	81.3	134	0.4	1.0	0.0			
131	127	135	0.217	1.0	0.0	54.5	−53.8	62.0	82.1	131	0.289	1.0	0.0	57.6	−50.0	66.5	83.3	127	0.383	1.0	0.0	0.149	1.0	0.0	51.1	−57.2	57.3	81.0	135	0.383	1.0	0.0			
132	128	137	0.2	1.0	0.0	53.6	−54.7	60.8	81.9	132	0.27	1.0	0.0	56.9	−51.0	65.4	83.0	128	0.367	1.0	0.0	0.114	1.0	0.0	49.3	−58.7	54.8	80.4	137	0.367	1.0	0.0			
133	129	138	0.183	1.0	0.0	52.8	−55.5	59.7	81.6	133	0.252	1.0	0.0	56.1	−52.0	64.3	82.7	129	0.35	1.0	0.0	0.096	1.0	0.0	48.4	−59.4	53.6	80.1	138	0.35	1.0	0.0			
134	130	139	0.166	1.0	0.0	51.9	−56.4	58.5	81.3	134	0.234	1.0	0.0	55.3	−52.9	63.1	82.4	130	0.333	1.0	0.0	0.077	1.0	0.0	47.5	−60.1	52.3	79.7	139	0.333	1.0	0.0			
135	131	140	0.149	1.0	0.0	51.1	−57.2	57.3	81.0	135	0.217	1.0	0.0	54.5	−53.8	62.0	82.1	131	0.317	1.0	0.0	0.059	1.0	0.0	46.6	−60.7	51.0	79.4	140	0.317	1.0	0.0			
136	132	141	0.132	1.0	0.0	50.2	−58.0	56.1	80.7	136	0.2	1.0	0.0	53.6	−54.7	60.8	81.9	132	0.3	1.0	0.0	0.041	1.0	0.0	45.7	−61.3	49.7	79.0	141	0.3	1.0	0.0			
137	133	142	0.114	1.0	0.0	49.3	−58.7	54.8	80.4	137	0.183	1.0	0.0	52.8	−55.5	59.7	81.6	133	0.283	1.0	0.0	0.022	1.0	0.0	44.8	−61.9	48.5	78.7	142	0.283	1.0	0.0			
138	134	144	0.096	1.0	0.0	48.4	−59.4	53.6	80.1	138	0.166	1.0	0.0	51.9	−56.4	58.5	81.3	134	0.267	1.0	0.0	0.0	1.0	0.008	43.8	−62.7	45.6	77.6	144	0.267	1.0	0.0			
139	135	145	0.077	1.0	0.0	47.5	−60.1	52.3	79.7	139	0.149	1.0	0.0	51.1	−57.2	57.3	81.0	135	0.25	1.0	0.0	0.0	1.0	0.018	44.0	−62.7	44.0	76.7	145	0.25	1.0	0.0			
140	136	146	0.059	1.0	0.0	46.6	−60.7	51.0	79.4	140	0.132	1.0	0.0	50.2	−58.0	56.1	80.7	136	0.233	1.0	0.0	0.0	1.0	0.028	44.2	−62.8	42.4	75.8	146	0.233	1.0	0.0			
141	137	147	0.041	1.0	0.0	45.7	−61.3	49.7	79.0	141	0.114	1.0	0.0	49.3	−58.7	54.8	80.4	137	0.217	1.0	0.0	0.0	1.0	0.039	44.4	−62.8	40.8	75.0	147	0.217	1.0	0.0			
142	138	148	0.022	1.0	0.0	44.8	−61.9	48.5	78.7	142	0.096	1.0	0.0	48.4	−59.4	53.6	80.1	138	0.2	1.0	0.0	0.0	1.0	0.049	44.5	−62.7	39.3	74.1	148	0.2	1.0	0.0			
143	139	149	0.004	1.0	0.0	43.9	−62.5	47.2	78.4	143 G_d	0.077	1.0	0.0	47.5	−60.1	52.3	79.7	139	0.183	1.0	0.0	0.0	1.0	0.059	44.7	−62.6	37.7	73.2	149	0.183	1.0	0.0			
144	140	151	0.0	1.0	0.008	43.8	−62.7	45.6	77.6	144	0.059	1.0	0.0	46.6	−60.7	51.0	79.4	140	0.167	1.0	0.0	0.0	1.0	0.079	45.1	−62.4	34.6	71.4	151	0.167	1.0	0.0			
145	141	152	0.0	1.0	0.018	44.0	−62.7	44.0	76.7	145	0.041	1.0	0.0	45.7	−61.3	49.7	79.0	141	0.15	1.0	0.0	0.0	1.0	0.089	45.2	−62.2	33.1	70.6	152	0.15	1.0	0.0			
146	142	153	0.0	1.0	0.028	44.2	−62.8	42.4	75.8	146	0.022	1.0	0.0	44.8	−61.9	48.5	78.7	142	0.133	1.0	0.0	0.0	1.0	0.1	45.4	−62.0	31.6	69.7	153	0.133	1.0	0.0			
147	143	154	0.0	1.0	0.039	44.4	−62.8	40.8	75.0	147	0.004	1.0	0.0	43.9	−62.5	47.2	78.4	143	0.117	1.0	0.0	0.0	1.0	0.11	45.6	−61.7	30.2	68.8	154	0.117	1.0	0.0			
148	144	155	0.0	1.0	0.049	44.5	−62.7	39.3	74.1	148	0.0	1.0	0.008	43.8	−62.7	45.6	77.6	144	0.1	1.0	0.0	0.0	1.0	0.12	45.7	−61.5	28.7	67.9	155	0.1	1.0	0.0			
149	145	156	0.0	1.0	0.059	44.7	−62.6	37.7	73.2	149	0.0	1.0	0.018	44.0	−62.7	44.0	76.7	145	0.083	1.0	0.0	0.0	1.0	0.132	45.9	−61.2	27.3	67.1	156	0.083	1.0	0.0			
150	146	158	0.0	1.0	0.069	44.9	−62.5	36.2	72.3	150	0.0	1.0	0.028	44.2	−62.8	42.4	75.8	146	0.067	1.0	0.0	0.0	1.0	0.158	46.2	−60.6	24.5	65.5	158	0.067	1.0	0.0			
151	147	159	0.0	1.0	0.079	45.1	−62.4	34.6	71.4	151	0.0	1.0	0.039	44.4	−62.8	40.8	75.0	147	0.05	1.0	0.0	0.0	1.0	0.171	46.3	−60.3	23.2	64.7	159	0.05	1.0	0.0			
152	148	160	0.0	1.0	0.089	45.2	−62.2	33.1	70.6	152	0.0	1.0	0.049	44.5	−62.7	39.3	74.1	148	0.033	1.0	0.0	0.0	1.0	0.184	46.5	−59.9	21.8	63.9	160	0.033	1.0	0.0			
153	149	161	0.0	1.0	0.1	45.4	−62.0	31.6	69.7	153	0.0	1.0	0.059	44.7	−62.6	37.7	73.2	149	0.017	1.0	0.0	0.0	1.0	0.197	46.6	−59.5	20.5	63.1	161	0.017	1.0	0.0			
154	150	162	0.0	1.0	0.11	45.6	−61.7	30.2	68.8	154	0.0	1.0	0.069	44.9	−62.5	36.2	72.3	150	0.0	1.0	0.0 G_s	0.0	1.0	0.21	46.8	−59.1	19.2	62.2	162	0.0	1.0	0.0 G_e			
155	151	163	0.0	1.0	0.12	45.7	−61.5	28.7	67.9	155	0.0	1.0	0.079	45.1	−62.4	34.6	71.4	151	0.0	1.0	0.017	0.0	1.0	0.224	46.9	−58.7	18.0	61.4	163	0.0	1.0	0.017			
156	152	164	0.0	1.0	0.132	45.9	−61.2	27.3	67.1	156	0.0	1.0	0.089	45.2	−62.2	33.1	70.6	152	0.0	1.0	0.033	0.0	1.0	0.237	47.1	−58.2	16.7	60.6	164	0.0	1.0	0.033			
157	153	165	0.0	1.0	0.145	46.1	−60.9	25.9	66.3	157	0.0	1.0	0.1	45.4	−62.0	31.6	69.7	153	0.0	1.0	0.05	0.0	1.0	0.25	47.2	−57.7	15.5	59.8	165	0.0	1.0	0.05			
158	154	166	0.0	1.0	0.158	46.2	−60.6	24.5	65.5	158	0.0	1.0	0.11	45.6	−61.7	30.2	68.8	154	0.0	1.0	0.067	0.0	1.0	0.262	47.3	−57.3	14.3	59.2	166	0.0	1.0	0.067			
159	155	167	0.0	1.0	0.171	46.3	−60.3	23.2	64.7	159	0.0	1.0	0.12	45.7	−61.5	28.7	67.9	155	0.0	1.0	0.083	0.0	1.0	0.274	47.4	−56.9	13.2	58.5	167	0.0	1.0	0.083			
160	156	168	0.0	1.0	0.184	46.5	−59.9	21.8	63.9	160	0.0	1.0	0.132	45.9	−61.2	27.3	67.1	156	0.0	1.0	0.1	0.0	1.0	0.287	47.5	−56.5	12.0	57.9	168	0.0	1.0	0.1			
161	157	169	0.0	1.0	0.197	46.6	−59.5	20.5	63.1	161	0.0	1.0	0.145	46.1	−60.9	25.9	66.3	157	0.0	1.0	0.117	0.0	1.0	0.299	47.6	−56.1	10.9	57.2	169	0.0	1.0	0.117			
162	158	170	0.0	1.0	0.21	46.8	−59.1	19.2	62.2	162	0.0	1.0	0.158	46.2	−60.6	24.5	65.5	158	0.0	1.0	0.133	0.0	1.0	0.311	47.7	−55.6	9.8	56.6	170	0.0	1.0	0.133			
163	159	170	0.0	1.0	0.224	46.9	−58.7	18.0	61.4	163	0.0	1.0	0.171	46.3	−60.3	23.2	64.7	159	0.0	1.0	0.15	0.0	1.0	0.311	47.7	−55.6	9.8	56.6	170	0.0	1.0	0.15			
164	160	171	0.0	1.0	0.237	47.1	−58.2	16.7	60.6	164	0.0	1.0	0.184	46.5	−59.9	21.8	63.9	160	0.0	1.0	0.167	0.0	1.0	0.323	47.8	−55.1	8.7	55.9	171	0.0	1.0	0.167			
165	161	172	0.0	1.0	0.25	47.2	−57.7	15.5	59.8	165	0.0	1.0	0.197	46.6	−59.5	20.5	63.1	161	0.0	1.0	0.183	0.0	1.0	0.336	47.9	−54.6	7.7	55.3	172	0.0	1.0	0.183			
166	162	173	0.0	1.0	0.262	47.3	−57.3	14.3	59.2	166	0.0	1.0	0.21	46.8	−59.1	19.2	62.2	162	0.0	1.0	0.2	0.0	1.0	0.348	48.0	−54.1	6.7	54.6	173	0.0	1.0	0.2			
167	163	174	0.0	1.0	0.274	47.4	−56.9	13.2	58.5	167	0.0	1.0	0.224	46.9	−58.7	18.0	61.4	163	0.0	1.0	0.217	0.0	1.0	0.36	48.1	−53.6	5.6	54.0	174	0.0	1.0	0.217			
168	164	175	0.0	1.0	0.287	47.5	−56.5	12.0	57.9	168	0.0	1.0	0.237	47.1	−58.2	16.7	60.6	164	0.0	1.0	0.233	0.0	1.0	0.372	48.2	−53.0	4.6	53.3	175	0.0	1.0	0.233			
169	165	176	0.0	1.0	0.299	47.6	−56.1	10.9	57.2	169	0.0	1.0	0.25	47.2	−57.7	15.5	59.8	165	0.0	1.0	0.25	0.0	1.0	0.383	48.3	−52.6	3.7	52.8	176	0.0	1.0	0.25			

Data of Maximum color M in colorimetric system photo printer FRS09_91; no separation, 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:* $h_{ab,d}$ = 35.0, 92.6, 143.2, 226.7, 311.8, 337.2; 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
169	165	176	0.0	1.0	0.299	47.6	−56.1	10.9	57.2	169	0.0	1.0	0.25	47.2	−57.7	15.5	59.8	165	0.0	1.0	0.25	0.0	1.0	0.383	48.3	−52.6	3.7	52.8	176	0.0	1.0	0.25			
170	166	177	0.0	1.0	0.311	47.7	−55.6	9.8	56.6	170	0.0	1.0	0.262	47.3	−57.3	14.3	59.2	166	0.0	1.0	0.267	0.0	1.0	0.393	48.4	−52.2	2.7	52.3	177	0.0	1.0	0.267			
171	167	178	0.0	1.0	0.323	47.8	−55.1	8.7	55.9	171	0.0	1.0	0.274	47.4	−56.9	13.2	58.5	167	0.0	1.0	0.283	0.0	1.0	0.402	48.6	−51.8	1.8	51.9	178	0.0	1.0	0.283			
172	168	179	0.0	1.0	0.336	47.9	−54.6	7.7	55.3	172	0.0	1.0	0.287	47.5	−56.5	12.0	57.9	168	0.0	1.0	0.3	0.0	1.0	0.412	48.7	−51.3	0.9	51.4	179	0.0	1.0	0.3			
173	169	180	0.0	1.0	0.348	48.0	−54.1	6.7	54.6	173	0.0	1.0	0.299	47.6	−56.1	10.9	57.2	169	0.0	1.0	0.317	0.0	1.0	0.422	48.8	−50.9	0.0	51.0	180	0.0	1.0	0.317			
174	170	180	0.0	1.0	0.36	48.1	−53.6	5.6	54.0	174	0.0	1.0	0.311	47.7	−55.6	9.8	56.6	170	0.0	1.0	0.333	0.0	1.0	0.422	48.8	−50.9	0.0	51.0	180	0.0	1.0	0.333			
175	171	181	0.0	1.0	0.372	48.2	−53.0	4.6	53.3	175	0.0	1.0	0.323	47.8	−55.1	8.7	55.9	171	0.0	1.0	0.35	0.0	1.0	0.432	48.9	−50.4	−0.8	50.5	181	0.0	1.0	0.35			
176	172	182	0.0	1.0	0.383	48.3	−52.6	3.7	52.8	176	0.0	1.0	0.336	47.9	−54.6	7.7	55.3	172	0.0	1.0	0.367	0.0	1.0	0.441	49.0	−49.9	−1.6	50.1	182	0.0	1.0	0.367			
177	173	183	0.0	1.0	0.393	48.4	−52.2	2.7	52.3	177	0.0	1.0	0.348	48.0	−54.1	6.7	54.6	173	0.0	1.0	0.383	0.0	1.0	0.451	49.1	−49.4	−2.5	49.6	183	0.0	1.0	0.383			
178	174	184	0.0	1.0	0.402	48.6	−51.8	1.8	51.9	178	0.0	1.0	0.36	48.1	−53.6	5.6	54.0	174	0.0	1.0	0.4	0.0	1.0	0.461	49.2	−48.9	−3.3	49.1	184	0.0	1.0	0.4			
179	175	185	0.0	1.0	0.412	48.7	−51.3	0.9	51.4	179	0.0	1.0	0.372	48.2	−53.0	4.6	53.3	175	0.0	1.0	0.417	0.0	1.0	0.471	49.3	−48.4	−4.1	48.7	185	0.0	1.0	0.417			
180	176	186	0.0	1.0	0.422	48.8	−50.9	0.0	51.0	180	0.0	1.0	0.383	48.3	−52.6	3.7	52.8	176	0.0	1.0	0.433	0.0	1.0	0.48	49.4	−47.9	−4.9	48.2	186	0.0	1.0	0.433			
181	177	187	0.0	1.0	0.432	48.9	−50.4	−0.8	50.5	181	0.0	1.0	0.393	48.4	−52.2	2.7	52.3	177	0.0	1.0	0.45	0.0	1.0	0.49	49.5	−47.3	−5.7	47.8	187	0.0	1.0	0.45			
182	178	188	0.0	1.0	0.441	49.0	−49.9	−1.6	50.1	182	0.0	1.0	0.402	48.6	−51.8	1.8	51.9	178	0.0	1.0	0.467	0.0	1.0	0.5	49.6	−46.7	−6.5	47.3	188	0.0	1.0	0.467			
183	179	189	0.0	1.0	0.451	49.1	−49.4	−2.5	49.6	183	0.0	1.0	0.412	48.7	−51.3	0.9	51.4	179	0.0	1.0	0.483	0.0	1.0	0.508	49.7	−46.4	−7.3	47.0	189	0.0	1.0	0.483			
184	180	190	0.0	1.0	0.461	49.2	−48.9	−3.3	49.1	184	0.0	1.0	0.422	48.8	−50.9	0.0	51.0	180	0.0	1.0	0.5	0.0	1.0	0.516	49.8	−46.0	−8.0	46.8	190	0.0	1.0	0.5			
185	181	191	0.0	1.0	0.471	49.3	−48.4	−4.1	48.7	185	0.0	1.0	0.432	48.9	−50.4	−0.8	50.5	181	0.0	1.0	0.517	0.0	1.0	0.524	49.8	−45.6	−8.8	46.5	191	0.0	1.0	0.517			
186	182	191	0.0	1.0	0.48	49.4	−47.9	−4.9	48.2	186	0.0	1.0	0.441	49.0	−49.9	−1.6	50.1	182	0.0	1.0	0.533	0.0	1.0	0.524	49.8	−45.6	−8.8	46.5	191	0.0	1.0	0.533			
187	183	192	0.0	1.0	0.49	49.5	−47.3	−5.7	47.8	187	0.0	1.0	0.451	49.1	−49.4	−2.5	49.6	183	0.0	1.0	0.55	0.0	1.0	0.532	49.9	−45.2	−9.5	46.3	192	0.0	1.0	0.55			
188	184	193	0.0	1.0	0.5	49.6	−46.7	−6.5	47.3	188	0.0	1.0	0.461	49.2	−48.9	−3.3	49.1	184	0.0	1.0	0.567	0.0	1.0	0.54	50.0	−44.7	−10.2	46.0	193	0.0	1.0	0.567			
189	185	194	0.0	1.0	0.508	49.7	−46.4	−7.3	47.0	189	0.0	1.0	0.471	49.3	−48.4	−4.1	48.7	185	0.0	1.0	0.583	0.0	1.0	0.548	50.1	−44.3	−11.0	45.7	194	0.0	1.0	0.583			
190	186	195	0.0	1.0	0.516	49.8	−46.0	−8.0	46.8	190	0.0	1.0	0.48	49.4	−47.9	−4.9	48.2	186	0.0	1.0	0.6	0.0	1.0	0.556	50.1	−43.8	−11.7	45.5	195	0.0	1.0	0.6			
191	187	196	0.0	1.0	0.524	49.8	−45.6	−8.8	46.5	191	0.0	1.0	0.49	49.5	−47.3	−5.7	47.8	187	0.0	1.0	0.617	0.0	1.0	0.565	50.2	−43.4	−12.4	45.2	196	0.0	1.0	0.617			
192	188	197	0.0	1.0	0.532	49.9	−45.2	−9.5	46.3	192	0.0	1.0	0.5	49.6	−46.7	−6.5	47.3	188	0.0	1.0	0.633	0.0	1.0	0.573	50.3	−42.9	−13.0	45.0	197	0.0	1.0	0.633			
193	189	198	0.0	1.0	0.54	50.0	−44.7	−10.2	46.0	193	0.0	1.0	0.508	49.7	−46.4	−7.3	47.0	189	0.0	1.0	0.65	0.0	1.0	0.581	50.4	−42.4	−13.7	44.7	198	0.0	1.0	0.65			
194	190	199	0.0	1.0	0.548	50.1	−44.3	−11.0	45.7	194	0.0	1.0	0.516	49.8	−46.0	−8.0	46.8	190	0.0	1.0	0.667	0.0	1.0	0.589	50.4	−41.9	−14.4	44.5	199	0.0	1.0	0.667			
195	191	200	0.0	1.0	0.556	50.1	−43.8	−11.7	45.5	195	0.0	1.0	0.524	49.8	−45.6	−8.8	46.5	191	0.0	1.0	0.683	0.0	1.0	0.597	50.5	−41.4	−15.0	44.2	200	0.0	1.0	0.683			
196	192	201	0.0	1.0	0.565	50.2	−43.4	−12.4	45.2	196	0.0	1.0	0.532	49.9	−45.2	−9.5	46.3	192	0.0	1.0	0.7	0.0	1.0	0.605	50.6	−40.9	−15.6	43.9	201	0.0	1.0	0.7			
197	193	201	0.0	1.0	0.573	50.3	−42.9	−13.0	45.0	197	0.0	1.0	0.54	50.0	−44.7	−10.2	46.0	193	0.0	1.0	0.717	0.0	1.0	0.605	50.6	−40.9	−15.6	43.9	201	0.0	1.0	0.717			
198	194	202	0.0	1.0	0.581	50.4	−42.4	−13.7	44.7	198	0.0	1.0	0.548	50.1	−44.3	−11.0	45.7	194	0.0	1.0	0.733	0.0	1.0	0.613	50.7	−40.4	−16.3	43.7	202	0.0	1.0	0.733			
199	195	203	0.0	1.0	0.589	50.4	−41.9	−14.4	44.5	199	0.0	1.0	0.556	50.1	−43.8	−11.7	45.5	195	0.0	1.0	0.75	0.0	1.0	0.621	50.7	−39.9	−16.9	43.4	203	0.0	1.0	0.75			
200	196	204	0.0	1.0	0.597	50.5	−41.4	−15.0	44.2	200	0.0	1.0	0.565	50.2	−43.4	−12.4	45.2	196	0.0	1.0	0.767	0.0	1.0	0.63	50.8	−39.4	−17.5	43.2	204	0.0	1.0	0.767			
201	197	205	0.0	1.0	0.605	50.6	−40.9	−15.6	43.9	201	0.0	1.0	0.573	50.3	−42.9	−13.0	45.0	197	0.0	1.0	0.783	0.0	1.0	0.639	50.9	−39.0	−18.1	43.2	205	0.0	1.0	0.783			
202	198	206	0.0	1.0	0.613	50.7	−40.4	−16.3	43.7	202	0.0	1.0	0.581	50.4	−42.4	−13.7	44.7	198	0.0	1.0	0.8	0.0	1.0	0.648	50.9	−38.6	−18.8	43.1	206	0.0	1.0	0.8			
203	199	207	0.0	1.0	0.621	50.7	−39.9	−16.9	43.4	203	0.0	1.0	0.589	50.4	−41.9	−14.4	44.5	199	0.0	1.0	0.817	0.0	1.0	0.657	51.0	−38.2	−19.4	43.0	207	0.0	1.0	0.817			
204	200	208	0.0	1.0	0.63	50.8	−39.4	−17.5	43.2	204	0.0	1.0	0.597	50.5	−41.4	−15.0	44.2	200	0.0	1.0	0.833	0.0	1.0	0.666	51.1	−37.8	−20.0	42.9	208	0.0	1.0	0.833			
205	201	209	0.0	1.0	0.639	50.9	−39.0	−18.1	43.2	205	0.0	1.0	0.605	50.6	−40.9	−15.6	43.9	201	0.0	1.0	0.85	0.0	1.0	0.675	51.2	−37.3	−20.7	42.8	209	0.0	1.0	0.85			
206	202	210	0.0	1.0	0.648	50.9	−38.6	−18.8	43.1	206	0.0	1.0	0.613	50.7	−40.4	−16.3	43.7	202	0.0	1.0	0.867	0.0	1.0	0.684	51.2	−36.9	−21.3	42.7	210	0.0	1.0	0.867			
207	203	211	0.0	1.0	0.657	51.0	−38.2	−19.4	43.0	207	0.0	1.0	0.621	50.7	−39.9	−16.9	43.4	203	0.0	1.0	0.883	0.0	1.0	0.693	51.3	−36.4	−21.9	42.6	211	0.0	1.0	0.883			
208	204	212	0.0	1.0	0.666	51.1	−37.8	−20.0	42.9	208	0.0	1.0	0.63	50.8	−39.4	−17.5	43.2	204	0.0	1.0	0.9	0.0	1.0	0.702	51.4	−36.0	−22.4	42.5	212	0.0	1.0	0.9			
209	205	212	0.0	1.0	0.675	51.2	−37.3	−20.7	42.8	209	0.0	1.0	0.639	50.9	−39.0	−18.1	43.2	205	0.0	1.0	0.917	0.0	1.0	0.702	51.4	−36.0	−22.4	42.5	212	0.0	1.0	0.917			
210	206	213	0.0	1.0	0.684	51.2	−36.9	−21.3	42.7	210	0.0	1.0	0.648	50.9	−38.6	−18.8	43.1	206	0.0	1.0	0.933	0.0	1.0	0.711	51.4	−35.5	−23.0	42.5	213	0.0	1.0	0.933			
211	207	214	0.0	1.0	0.693	51.3	−36.4	−21.9	42.6	211	0.0	1.0	0.657	51.0	−38.2	−19.4	43.0	207	0.0	1.0	0.95	0.0	1.0	0.72	51.5	−35.0	−23.6	42.4	214	0.0	1.0	0.95			
212	208	215	0.0	1.0	0.702	51.4	−36.0	−22.4	42.5	212	0.0	1.0	0.666	51.1	−37.8	−20.0	42.9	208	0.0	1.0	0.967	0.0	1.0	0.729	51.6	−34.5	−24.2	42.3	215	0.0	1.0	0.967			
213	209	216	0.0	1.0	0.711	51.4	−35.5	−23.0	42.5	213	0.0	1.0	0.675	51.2	−37.3	−20.7	42.8	209	0.0	1.0	0.983	0.0	1.0	0.738	51.7	−34.0	−24.7	42.2	216	0.0	1.0	0.983			
214	210	217	0.0	1.0	0.72	51.5	−35.0	−23.6	42.4	214	0.0	1.0	0.684	51.2	−36.9	−21.3	42.7	210	0.0	1.0	1.0C_s	0.0	1.0	0.747	51.7	−33.5	−25.2	42.1	217	0.0	1.0	1.0C_e			

Data of Maximum color M in colorimetric system photo printer FRS09_91; no separation, 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:* $h_{ab,d}$ = 35.0, 92.6, 143.2, 226.7, 311.8, 337.2; 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		
214	210	217	0.0	1.0	0.72	51.5	−35.0	−23.6	42.4	214	0.0	1.0	0.684	51.2	−36.9	−21.3	42.7	210	0.0	1.0	1.0C_s	0.0	1.0	0.747	51.7	−33.5	−25.2	42.1	217	0.0	1.0	1.0C_e
215	211	218	0.0	1.0	0.729	51.6	−34.5	−24.2	42.3	215	0.0	1.0	0.693	51.3	−36.4	−21.9	42.6	211	0.0	0.983	1.0	0.0	1.0	0.76	51.8	−33.1	−25.8	42.1	218	0.0	0.983	1.0
216	212	219	0.0	1.0	0.738	51.7	−34.0	−24.7	42.2	216	0.0	1.0	0.702	51.4	−36.0	−22.4	42.5	212	0.0	0.967	1.0	0.0	1.0	0.775	51.8	−32.6	−26.4	42.1	219	0.0	0.967	1.0
217	213	220	0.0	1.0	0.747	51.7	−33.5	−25.2	42.1	217	0.0	1.0	0.711	51.4	−35.5	−23.0	42.5	213	0.0	0.95	1.0	0.0	1.0	0.791	51.9	−32.2	−27.0	42.2	220	0.0	0.95	1.0
218	214	221	0.0	1.0	0.76	51.8	−33.1	−25.8	42.1	218	0.0	1.0	0.72	51.5	−35.0	−23.6	42.4	214	0.0	0.933	1.0	0.0	1.0	0.806	52.0	−31.7	−27.6	42.2	221	0.0	0.933	1.0
219	215	222	0.0	1.0	0.775	51.8	−32.6	−26.4	42.1	219	0.0	1.0	0.729	51.6	−34.5	−24.2	42.3	215	0.0	0.917	1.0	0.0	1.0	0.822	52.0	−31.3	−28.2	42.2	222	0.0	0.917	1.0
220	216	222	0.0	1.0	0.791	51.9	−32.2	−27.0	42.2	220	0.0	1.0	0.738	51.7	−34.0	−24.7	42.2	216	0.0	0.9	1.0	0.0	1.0	0.822	52.0	−31.3	−28.2	42.2	222	0.0	0.9	1.0
221	217	223	0.0	1.0	0.806	52.0	−31.7	−27.6	42.2	221	0.0	1.0	0.747	51.7	−33.5	−25.2	42.1	217	0.0	0.883	1.0	0.0	1.0	0.837	52.1	−30.8	−28.7	42.3	223	0.0	0.883	1.0
222	218	224	0.0	1.0	0.822	52.0	−31.3	−28.2	42.2	222	0.0	1.0	0.76	51.8	−33.1	−25.8	42.1	218	0.0	0.867	1.0	0.0	1.0	0.853	52.1	−30.3	−29.3	42.3	224	0.0	0.867	1.0
223	219	225	0.0	1.0	0.837	52.1	−30.8	−28.7	42.3	223	0.0	1.0	0.775	51.8	−32.6	−26.4	42.1	219	0.0	0.85	1.0	0.0	1.0	0.868	52.2	−29.8	−29.8	42.3	225	0.0	0.85	1.0
224	220	226	0.0	1.0	0.853	52.1	−30.3	−29.3	42.3	224	0.0	1.0	0.791	51.9	−32.2	−27.0	42.2	220	0.0	0.833	1.0	0.0	1.0	0.93	52.2	−29.3	−30.4	42.4	226	0.0	0.833	1.0
225	221	227	0.0	1.0	0.868	52.2	−29.8	−29.8	42.3	225	0.0	1.0	0.806	52.0	−31.7	−27.6	42.2	221	0.0	0.817	1.0	0.0	0.874	1.0	52.2	−28.8	−30.9	42.4	227	0.0	0.817	1.0
226	222	228	0.0	1.0	0.93	52.2	−29.3	−30.4	42.4	226C_d	0.0	1.0	0.822	52.0	−31.3	−28.2	42.2	222	0.0	0.8	1.0	0.0	0.857	1.0	51.9	−28.1	−31.2	42.2	228	0.0	0.8	1.0
227	223	229	0.0	0.874	1.0	52.2	−28.8	−30.9	42.4	227	0.0	1.0	0.837	52.1	−30.8	−28.7	42.3	223	0.0	0.783	1.0	0.0	0.84	1.0	51.6	−27.4	−31.6	42.0	229	0.0	0.783	1.0
228	224	230	0.0	0.857	1.0	51.9	−28.1	−31.2	42.2	228	0.0	1.0	0.853	52.1	−30.3	−29.3	42.3	224	0.0	0.767	1.0	0.0	0.822	1.0	51.2	−26.7	−31.9	41.8	230	0.0	0.767	1.0
229	225	231	0.0	0.84	1.0	51.6	−27.4	−31.6	42.0	229	0.0	1.0	0.868	52.2	−29.8	−29.8	42.3	225	0.0	0.75	1.0	0.0	0.805	1.0	50.9	−26.0	−32.2	41.5	231	0.0	0.75	1.0
230	226	232	0.0	0.822	1.0	51.2	−26.7	−31.9	41.8	230	0.0	1.0	0.93	52.2	−29.3	−30.4	42.4	226	0.0	0.733	1.0	0.0	0.788	1.0	50.6	−25.4	−32.5	41.3	232	0.0	0.733	1.0
231	227	232	0.0	0.805	1.0	50.9	−26.0	−32.2	41.5	231	0.0	0.874	1.0	52.2	−28.8	−30.9	42.4	227	0.0	0.717	1.0	0.0	0.788	1.0	50.6	−25.4	−32.5	41.3	232	0.0	0.717	1.0
232	228	233	0.0	0.788	1.0	50.6	−25.4	−32.5	41.3	232	0.0	0.857	1.0	51.9	−28.1	−31.2	42.2	228	0.0	0.7	1.0	0.0	0.77	1.0	50.3	−24.7	−32.8	41.1	233	0.0	0.7	1.0
233	229	234	0.0	0.77	1.0	50.3	−24.7	−32.8	41.1	233	0.0	0.84	1.0	51.6	−27.4	−31.6	42.0	229	0.0	0.683	1.0	0.0	0.753	1.0	50.0	−24.0	−33.0	40.9	234	0.0	0.683	1.0
234	230	235	0.0	0.753	1.0	50.0	−24.0	−33.0	40.9	234	0.0	0.822	1.0	51.2	−26.7	−31.9	41.8	230	0.0	0.667	1.0	0.0	0.741	1.0	49.7	−23.3	−33.3	40.8	235	0.0	0.667	1.0
235	231	236	0.0	0.741	1.0	49.7	−23.3	−33.3	40.8	235	0.0	0.805	1.0	50.9	−26.0	−32.2	41.5	231	0.0	0.65	1.0	0.0	0.73	1.0	49.4	−22.7	−33.7	40.7	236	0.0	0.65	1.0
236	232	237	0.0	0.73	1.0	49.4	−22.7	−33.7	40.7	236	0.0	0.788	1.0	50.6	−25.4	−32.5	41.3	232	0.0	0.633	1.0	0.0	0.72	1.0	49.1	−22.0	−34.0	40.7	237	0.0	0.633	1.0
237	233	238	0.0	0.72	1.0	49.1	−22.0	−34.0	40.7	237	0.0	0.77	1.0	50.3	−24.7	−32.8	41.1	233	0.0	0.617	1.0	0.0	0.709	1.0	48.8	−21.4	−34.3	40.6	238	0.0	0.617	1.0
238	234	239	0.0	0.709	1.0	48.8	−21.4	−34.3	40.6	238	0.0	0.753	1.0	50.0	−24.0	−33.0	40.9	234	0.0	0.6	1.0	0.0	0.698	1.0	48.5	−20.8	−34.6	40.5	239	0.0	0.6	1.0
239	235	240	0.0	0.698	1.0	48.5	−20.8	−34.6	40.5	239	0.0	0.741	1.0	49.7	−23.3	−33.3	40.8	235	0.0	0.583	1.0	0.0	0.688	1.0	48.1	−20.1	−34.9	40.4	240	0.0	0.583	1.0
240	236	241	0.0	0.688	1.0	48.1	−20.1	−34.9	40.4	240	0.0	0.73	1.0	49.4	−22.7	−33.7	40.7	236	0.0	0.567	1.0	0.0	0.677	1.0	47.8	−19.5	−35.2	40.3	241	0.0	0.567	1.0
241	237	242	0.0	0.677	1.0	47.8	−19.5	−35.2	40.3	241	0.0	0.72	1.0	49.1	−22.0	−34.0	40.7	237	0.0	0.55	1.0	0.0	0.666	1.0	47.5	−18.8	−35.4	40.3	242	0.0	0.55	1.0
242	238	243	0.0	0.666	1.0	47.5	−18.8	−35.4	40.3	242	0.0	0.709	1.0	48.8	−21.4	−34.3	40.6	238	0.0	0.533	1.0	0.0	0.655	1.0	47.2	−18.1	−35.7	40.2	243	0.0	0.533	1.0
243	239	243	0.0	0.655	1.0	47.2	−18.1	−35.7	40.2	243	0.0	0.698	1.0	48.5	−20.8	−34.6	40.5	239	0.0	0.517	1.0	0.0	0.655	1.0	47.2	−18.1	−35.7	40.2	243	0.0	0.517	1.0
244	240	244	0.0	0.645	1.0	46.9	−17.5	−35.9	40.1	244	0.0	0.688	1.0	48.1	−20.1	−34.9	40.4	240	0.0	0.5	1.0	0.0	0.645	1.0	46.9	−17.5	−35.9	40.1	244	0.0	0.5	1.0
245	241	245	0.0	0.634	1.0	46.6	−16.8	−36.2	40.0	245	0.0	0.677	1.0	47.8	−19.5	−35.2	40.3	241	0.0	0.483	1.0	0.0	0.634	1.0	46.6	−16.8	−36.2	40.0	245	0.0	0.483	1.0
246	242	246	0.0	0.624	1.0	46.3	−16.2	−36.4	40.0	246	0.0	0.666	1.0	47.5	−18.8	−35.4	40.3	242	0.0	0.467	1.0	0.0	0.624	1.0	46.3	−16.2	−36.4	40.0	246	0.0	0.467	1.0
247	243	247	0.0	0.616	1.0	46.0	−15.5	−36.8	40.0	247	0.0	0.655	1.0	47.2	−18.1	−35.7	40.2	243	0.0	0.45	1.0	0.0	0.616	1.0	46.0	−15.5	−36.8	40.0	247	0.0	0.45	1.0
248	244	248	0.0	0.608	1.0	45.7	−14.9	−37.1	40.1	248	0.0	0.645	1.0	46.9	−17.5	−35.9	40.1	244	0.0	0.433	1.0	0.0	0.608	1.0	45.7	−14.9	−37.1	40.1	248	0.0	0.433	1.0
249	245	249	0.0	0.6	1.0	45.4	−14.3	−37.4	40.2	249	0.0	0.634	1.0	46.6	−16.8	−36.2	40.0	245	0.0	0.417	1.0	0.0	0.6	1.0	45.4	−14.3	−37.4	40.2	249	0.0	0.417	1.0
250	246	250	0.0	0.592	1.0	45.1	−13.7	−37.7	40.3	250	0.0	0.624	1.0	46.3	−16.2	−36.4	40.0	246	0.0	0.4	1.0	0.0	0.592	1.0	45.1	−13.7	−37.7	40.3	250	0.0	0.4	1.0
251	247	251	0.0	0.584	1.0	44.8	−13.0	−38.0	40.3	251	0.0	0.616	1.0	46.0	−15.5	−36.8	40.0	247	0.0	0.383	1.0	0.0	0.584	1.0	44.8	−13.0	−38.0	40.3	251	0.0	0.383	1.0
252	248	252	0.0	0.576	1.0	44.5	−12.4	−38.3	40.4	252	0.0	0.608	1.0	45.7	−14.9	−37.1	40.1	248	0.0	0.367	1.0	0.0	0.576	1.0	44.5	−12.4	−38.3	40.4	252	0.0	0.367	1.0
253	249	253	0.0	0.568	1.0	44.2	−11.7	−38.6	40.5	253	0.0	0.6	1.0	45.4	−14.3	−37.4	40.2	249	0.0	0.35	1.0	0.0	0.568	1.0	44.2	−11.7	−38.6	40.5	253	0.0	0.35	1.0
254	250	253	0.0	0.56	1.0	43.9	−11.1	−38.9	40.6	254	0.0	0.592	1.0	45.1	−13.7	−37.7	40.3	250	0.0	0.333	1.0	0.0	0.568	1.0	44.2	−11.7	−38.6	40.5	253	0.0	0.333	1.0
255	251	254	0.0	0.552	1.0	43.6	−10.4	−39.1	40.6	255	0.0	0.584	1.0	44.8	−13.0	−38.0	40.3	251	0.0	0.317	1.0	0.0	0.56	1.0	43.9	−11.1	−38.9	40.6	254	0.0	0.317	1.0
256	252	255	0.0	0.544	1.0	43.3	−9.7	−39.4	40.7	256	0.0	0.576	1.0	44.5	−12.4	−38.3	40.4	252	0.0	0.3	1.0	0.0	0.552	1.0	43.6	−10.4	−39.1	40.6	255	0.0	0.3	1.0
257	253	256	0.0	0.536	1.0	43.0	−9.1	−39.6	40.8	257	0.0	0.568	1.0	44.2	−11.7	−38.6	40.5	253	0.0	0.283	1.0	0.0	0.544	1.0	43.3	−9.7	−39.4	40.7	256	0.0	0.283	1.0
258	254	257	0.0	0.528	1.0	42.7	−8.4	−39.9	40.9	258	0.0	0.56	1.0	43.9	−11.1	−38.9	40.6	254	0.0	0.267	1.0	0.0	0.536	1.0	43.0	−9.1	−39.6	40.8	257	0.0	0.267	1.0
259	255	258	0.0	0.519	1.0	42.4	−7.7	−40.1	40.9	259	0.0	0.552	1.0	43.6	−10.4	−39.1	40.6	255	0.0	0.25	1.0	0.0	0.528	1.0	42.7	−8.4	−39.9	40.9	258	0.0	0.25	1.0

rgb*dd rgb*ds rgb*de

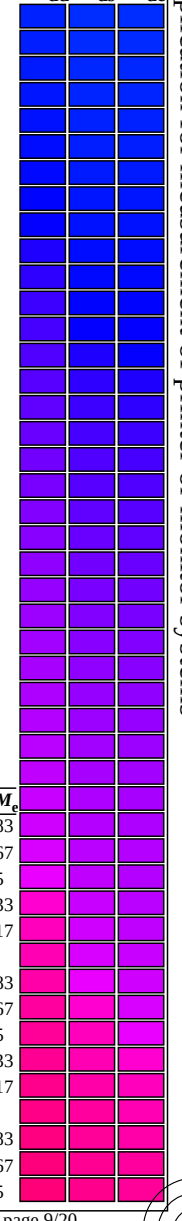
Data of Maximum color M in colorimetric system photo printer FRS09_91; no separation, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours *s:* $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *d:* $h_{ab,d}$ = 35.0, 92.6, 143.2, 226.7, 311.8, 337.2; 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		
259	255	258	0.0	0.519	1.0	42.4	−7.7	−40.1	40.9	259	0.0	0.552	1.0	43.6	−10.4	−39.1	40.6	255	0.0	0.25	1.0	0.0	0.528	1.0	42.7	−8.4	−39.9	40.9	258	0.0	0.25	1.0
260	256	259	0.0	0.511	1.0	42.1	−7.0	−40.3	41.0	260	0.0	0.544	1.0	43.3	−9.7	−39.4	40.7	256	0.0	0.233	1.0	0.0	0.519	1.0	42.4	−7.7	−40.1	40.9	259	0.0	0.233	1.0
261	257	260	0.0	0.503	1.0	41.8	−6.3	−40.5	41.1	261	0.0	0.536	1.0	43.0	−9.1	−39.6	40.8	257	0.0	0.217	1.0	0.0	0.511	1.0	42.1	−7.0	−40.3	41.0	260	0.0	0.217	1.0
262	258	261	0.0	0.496	1.0	41.4	−5.6	−40.8	41.3	262	0.0	0.528	1.0	42.7	−8.4	−39.9	40.9	258	0.0	0.2	1.0	0.0	0.503	1.0	41.8	−6.3	−40.5	41.1	261	0.0	0.2	1.0
263	259	262	0.0	0.489	1.0	41.1	−5.0	−41.2	41.6	263	0.0	0.519	1.0	42.4	−7.7	−40.1	40.9	259	0.0	0.183	1.0	0.0	0.496	1.0	41.4	−5.6	−40.8	41.3	262	0.0	0.183	1.0
264	260	263	0.0	0.482	1.0	40.7	−4.3	−41.6	41.9	264	0.0	0.511	1.0	42.1	−7.0	−40.3	41.0	260	0.0	0.167	1.0	0.0	0.489	1.0	41.1	−5.0	−41.2	41.6	263	0.0	0.167	1.0
265	261	264	0.0	0.475	1.0	40.3	−3.6	−41.9	42.2	265	0.0	0.503	1.0	41.8	−6.3	−40.5	41.1	261	0.0	0.15	1.0	0.0	0.482	1.0	40.7	−4.3	−41.6	41.9	264	0.0	0.15	1.0
266	262	264	0.0	0.468	1.0	40.0	−2.9	−42.3	42.5	266	0.0	0.496	1.0	41.4	−5.6	−40.8	41.3	262	0.0	0.133	1.0	0.0	0.482	1.0	40.7	−4.3	−41.6	41.9	264	0.0	0.133	1.0
267	263	265	0.0	0.461	1.0	39.6	−2.1	−42.6	42.8	267	0.0	0.489	1.0	41.1	−5.0	−41.2	41.6	263	0.0	0.117	1.0	0.0	0.475	1.0	40.3	−3.6	−41.9	42.2	265	0.0	0.117	1.0
268	264	266	0.0	0.454	1.0	39.3	−1.4	−43.0	43.1	268	0.0	0.482	1.0	40.7	−4.3	−41.6	41.9	264	0.0	0.1	1.0	0.0	0.468	1.0	40.0	−2.9	−42.3	42.5	266	0.0	0.1	1.0
269	265	267	0.0	0.447	1.0	38.9	−0.7	−43.3	43.4	269	0.0	0.475	1.0	40.3	−3.6	−41.9	42.2	265	0.0	0.083	1.0	0.0	0.461	1.0	39.6	−2.1	−42.6	42.8	267	0.0	0.083	1.0
270	266	268	0.0	0.44	1.0	38.6	0.0	−43.6	43.7	270	0.0	0.468	1.0	40.0	−2.9	−42.3	42.5	266	0.0	0.067	1.0	0.0	0.454	1.0	39.3	−1.4	−43.0	43.1	268	0.0	0.067	1.0
271	267	269	0.0	0.434	1.0	38.2	0.8	−43.9	44.0	271	0.0	0.461	1.0	39.6	−2.1	−42.6	42.8	267	0.0	0.05	1.0	0.0	0.447	1.0	38.9	−0.7	−43.3	43.4	269	0.0	0.05	1.0
272	268	270	0.0	0.427	1.0	37.8	1.5	−44.2	44.3	272	0.0	0.454	1.0	39.3	−1.4	−43.0	43.1	268	0.0	0.033	1.0	0.0	0.44	1.0	38.6	0.0	−43.6	43.7	270	0.0	0.033	1.0
273	269	271	0.0	0.42	1.0	37.5	2.3	−44.5	44.6	273	0.0	0.447	1.0	38.9	−0.7	−43.3	43.4	269	0.0	0.017	1.0	0.0	0.434	1.0	38.2	0.8	−43.9	44.0	271	0.0	0.017	1.0
274	270	272	0.0	0.413	1.0	37.1	3.1	−44.7	44.9	274	0.0	0.44	1.0	38.6	0.0	−43.6	43.7	270	0.0	0.0	1.0 B_s	0.0	0.427	1.0	37.8	1.5	−44.2	44.3	272	0.0	0.0	1.0 B_e
275	271	273	0.0	0.406	1.0	36.8	3.9	−45.0	45.2	275	0.0	0.434	1.0	38.2	0.8	−43.9	44.0	271	0.017	0.0	1.0	0.0	0.42	1.0	37.5	2.3	−44.5	44.6	273	0.017	0.0	1.0
276	272	274	0.0	0.399	1.0	36.4	4.8	−45.2	45.5	276	0.0	0.427	1.0	37.8	1.5	−44.2	44.3	272	0.033	0.0	1.0	0.0	0.413	1.0	37.1	3.1	−44.7	44.9	274	0.033	0.0	1.0
277	273	275	0.0	0.392	1.0	36.0	5.6	−45.4	45.8	277	0.0	0.42	1.0	37.5	2.3	−44.5	44.6	273	0.05	0.0	1.0	0.0	0.406	1.0	36.8	3.9	−45.0	45.2	275	0.05	0.0	1.0
278	274	276	0.0	0.385	1.0	35.7	6.4	−45.6	46.1	278	0.0	0.413	1.0	37.1	3.1	−44.7	44.9	274	0.067	0.0	1.0	0.0	0.399	1.0	36.4	4.8	−45.2	45.5	276	0.067	0.0	1.0
279	275	276	0.0	0.378	1.0	35.3	7.3	−45.8	46.4	279	0.0	0.406	1.0	36.8	3.9	−45.0	45.2	275	0.083	0.0	1.0	0.0	0.399	1.0	36.4	4.8	−45.2	45.5	276	0.083	0.0	1.0
280	276	277	0.0	0.37	1.0	34.9	8.2	−46.1	46.9	280	0.0	0.399	1.0	36.4	4.8	−45.2	45.5	276	0.1	0.0	1.0	0.0	0.392	1.0	36.0	5.6	−45.4	45.8	277	0.1	0.0	1.0
281	277	278	0.0	0.361	1.0	34.4	9.1	−46.6	47.6	281	0.0	0.392	1.0	36.0	5.6	−45.4	45.8	277	0.117	0.0	1.0	0.0	0.385	1.0	35.7	6.4	−45.6	46.1	278	0.117	0.0	1.0
282	278	279	0.0	0.353	1.0	33.9	10.0	−47.1	48.2	282	0.0	0.385	1.0	35.7	6.4	−45.6	46.1	278	0.133	0.0	1.0	0.0	0.378	1.0	35.3	7.3	−45.8	46.4	279	0.133	0.0	1.0
283	279	280	0.0	0.344	1.0	33.4	11.0	−47.5	48.9	283	0.0	0.378	1.0	35.3	7.3	−45.8	46.4	279	0.15	0.0	1.0	0.0	0.37	1.0	34.9	8.2	−46.1	46.9	280	0.15	0.0	1.0
284	280	281	0.0	0.335	1.0	32.9	12.0	−47.9	49.5	284	0.0	0.37	1.0	34.9	8.2	−46.1	46.9	280	0.167	0.0	1.0	0.0	0.361	1.0	34.4	9.1	−46.6	47.6	281	0.167	0.0	1.0
285	281	282	0.0	0.327	1.0	32.5	13.0	−48.3	50.1	285	0.0	0.361	1.0	34.4	9.1	−46.6	47.6	281	0.183	0.0	1.0	0.0	0.353	1.0	33.9	10.0	−47.1	48.2	282	0.183	0.0	1.0
286	282	283	0.0	0.318	1.0	32.0	14.0	−48.7	50.8	286	0.0	0.353	1.0	33.9	10.0	−47.1	48.2	282	0.2	0.0	1.0	0.0	0.344	1.0	33.4	11.0	−47.5	48.9	283	0.2	0.0	1.0
287	283	284	0.0	0.309	1.0	31.5	15.0	−49.1	51.4	287	0.0	0.344	1.0	33.4	11.0	−47.5	48.9	283	0.217	0.0	1.0	0.0	0.335	1.0	32.9	12.0	−47.9	49.5	284	0.217	0.0	1.0
288	284	285	0.0	0.301	1.0	31.0	16.1	−49.4	52.1	288	0.0	0.335	1.0	32.9	12.0	−47.9	49.5	284	0.233	0.0	1.0	0.0	0.327	1.0	32.5	13.0	−48.3	50.1	285	0.233	0.0	1.0
289	285	286	0.0	0.292	1.0	30.5	17.2	−49.7	52.7	289	0.0	0.327	1.0	32.5	13.0	−48.3	50.1	285	0.25	0.0	1.0	0.0	0.318	1.0	32.0	14.0	−48.7	50.8	286	0.25	0.0	1.0
290	286	287	0.0	0.283	1.0	30.0	18.2	−50.0	53.4	290	0.0	0.318	1.0	32.0	14.0	−48.7	50.8	286	0.267	0.0	1.0	0.0	0.309	1.0	31.5	15.0	−49.1	51.4	287	0.267	0.0	1.0
291	287	288	0.0	0.275	1.0	29.5	19.3	−50.3	54.0	291	0.0	0.309	1.0	31.5	15.0	−49.1	51.4	287	0.283	0.0	1.0	0.0	0.301	1.0	31.0	16.1	−49.4	52.1	288	0.283	0.0	1.0
292	288	289	0.0	0.266	1.0	29.1	20.5	−50.6	54.6	292	0.0	0.301	1.0	31.0	16.1	−49.4	52.1	288	0.3	0.0	1.0	0.0	0.292	1.0	30.5	17.2	−49.7	52.7	289	0.3	0.0	1.0
293	289	290	0.0	0.257	1.0	28.6	21.6	−50.8	55.3	293	0.0	0.292	1.0	30.5	17.2	−49.7	52.7	289	0.317	0.0	1.0	0.0	0.283	1.0	30.0	18.2	−50.0	53.4	290	0.317	0.0	1.0
294	290	291	0.0	0.248	1.0	28.1	22.8	−51.0	56.0	294	0.0	0.283	1.0	30.0	18.2	−50.0	53.4	290	0.333	0.0	1.0	0.0	0.275	1.0	29.5	19.3	−50.3	54.0	291	0.333	0.0	1.0
295	291	292	0.0	0.236	1.0	27.4	24.1	−51.6	57.0	295	0.0	0.275	1.0	29.5	19.3	−50.3	54.0	291	0.35	0.0	1.0	0.0	0.266	1.0	29.1	20.5	−50.6	54.6	292	0.35	0.0	1.0
296	292	293	0.0	0.225	1.0	26.7	25.5	−52.1	58.1	296	0.0	0.266	1.0	29.1	20.5	−50.6	54.6	292	0.367	0.0	1.0	0.0	0.257	1.0	28.6	21.6	−50.8	55.3	293	0.367	0.0	1.0
297	293	294	0.0	0.213	1.0	26.0	26.9	−52.6	59.2	297	0.0	0.257	1.0	28.6	21.6	−50.8	55.3	293	0.383	0.0	1.0	0.0	0.248	1.0	28.1	22.8	−51.0	56.0	294	0.383	0.0	1.0
298	294	294	0.0	0.201	1.0	25.3	28.3	−53.1	60.2	298	0.0	0.248	1.0	28.1	22.8	−51.0	56.0	294	0.4	0.0	1.0	0.0	0.248	1.0	28.1	22.8	−51.0	56.0	294	0.4	0.0	1.0
299	295	295	0.0	0.19	1.0	24.6	29.7	−53.5	61.3	299	0.0	0.236	1.0	27.4	24.1	−51.6	57.0	295	0.417	0.0	1.0	0.0	0.236	1.0	27.4	24.1	−51.6	57.0	295	0.417	0.0	1.0
300	296	296	0.0	0.178	1.0	23.9	31.2	−53.9	62.3	300	0.0	0.225	1.0	26.7	25.5	−52.1	58.1	296	0.433	0.0	1.0	0.0	0.225	1.0	26.7	25.5	−52.1	58.1	296	0.433	0.0	1.0
301	297	297	0.0	0.166	1.0	23.2	32.6	−54.2	63.4	301	0.0	0.213	1.0	26.0	26.9	−52.6	59.2	297	0.45	0.0	1.0	0.0	0.213	1.0	26.0	26.9	−52.6	59.2	297	0.45	0.0	1.0
302	298	298	0.0	0.154	1.0	22.5	34.1	−54.5	64.4	302	0.0	0.201	1.0	25.3	28.3	−53.1	60.2	298	0.467	0.0	1.0	0.0	0.201	1.0	25.3	28.3	−53.1	60.2	298	0.467	0.0	1.0
303	299	299	0.0	0.143	1.0	21.8	35.7	−54.8	65.5	303	0.0	0.19	1.0	24.6	29.7	−53.5	61.3	299	0.483	0.0	1.0	0.0	0.19	1.0	24.6	29.7	−53.5	61.3	299	0.483	0.0	1.0
304	300	300	0.0	0.131	1.0	21.1	37.2	−55.1	66.6	304	0.0	0.178	1.0	23.9	31.2	−53.9	62.3	300	0.5	0.0	1.0	0.0	0.178	1.0	23.9	31.2	−53.9	62.3	300	0.5	0.0	1.0

*rgb**dd *rgb**ds *rgb**de

Data of Maximum color M in colorimetric system photo printer FRS09_91; no separation, 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:* $h_{ab,d}$ = 35.0, 92.6, 143.2, 226.7, 311.8, 337.2; 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		
304	300	300	0.0	0.131	1.0	21.1	37.2	−55.1	66.6	304	0.0	0.178	1.0	23.9	31.2	−53.9	62.3	300	0.5	0.0	1.0	0.0	0.178	1.0	23.9	31.2	−53.9	62.3	300	0.5	0.0	1.0
305	301	301	0.0	0.117	1.0	20.2	38.9	−55.4	67.7	305	0.0	0.166	1.0	23.2	32.6	−54.2	63.4	301	0.517	0.0	1.0	0.0	0.166	1.0	23.2	32.6	−54.2	63.4	301	0.517	0.0	1.0
306	302	302	0.0	0.1	1.0	19.2	40.6	−55.8	69.1	306	0.0	0.154	1.0	22.5	34.1	−54.5	64.4	302	0.533	0.0	1.0	0.0	0.154	1.0	22.5	34.1	−54.5	64.4	302	0.533	0.0	1.0
307	303	303	0.0	0.083	1.0	18.2	42.3	−56.1	70.4	307	0.0	0.143	1.0	21.8	35.7	−54.8	65.5	303	0.55	0.0	1.0	0.0	0.143	1.0	21.8	35.7	−54.8	65.5	303	0.55	0.0	1.0
308	304	304	0.0	0.066	1.0	17.2	44.1	−56.4	71.7	308	0.0	0.131	1.0	21.1	37.2	−55.1	66.6	304	0.567	0.0	1.0	0.0	0.131	1.0	21.1	37.2	−55.1	66.6	304	0.567	0.0	1.0
309	305	305	0.0	0.048	1.0	16.2	45.9	−56.6	73.0	309	0.0	0.117	1.0	20.2	38.9	−55.4	67.7	305	0.583	0.0	1.0	0.0	0.117	1.0	20.2	38.9	−55.4	67.7	305	0.583	0.0	1.0
310	306	306	0.0	0.031	1.0	15.2	47.8	−56.8	74.3	310	0.0	0.1	1.0	19.2	40.6	−55.8	69.1	306	0.6	0.0	1.0	0.0	0.1	1.0	19.2	40.6	−55.8	69.1	306	0.6	0.0	1.0
311	307	307	0.0	0.014	1.0	14.2	49.6	−57.0	75.6	311 B_d	0.0	0.083	1.0	18.2	42.3	−56.1	70.4	307	0.617	0.0	1.0	0.0	0.083	1.0	18.2	42.3	−56.1	70.4	307	0.617	0.0	1.0
312	308	308	0.016	0.0	1.0	13.7	51.5	−57.1	76.9	312	0.0	0.066	1.0	17.2	44.1	−56.4	71.7	308	0.633	0.0	1.0	0.0	0.066	1.0	17.2	44.1	−56.4	71.7	308	0.633	0.0	1.0
313	309	309	0.118	0.0	1.0	15.9	53.2	−57.0	78.1	313	0.0	0.048	1.0	16.2	45.9	−56.6	73.0	309	0.65	0.0	1.0	0.0	0.048	1.0	16.2	45.9	−56.6	73.0	309	0.65	0.0	1.0
314	310	310	0.176	0.0	1.0	17.2	54.4	−56.3	78.4	314	0.0	0.031	1.0	15.2	47.8	−56.8	74.3	310	0.667	0.0	1.0	0.0	0.031	1.0	15.2	47.8	−56.8	74.3	310	0.667	0.0	1.0
315	311	311	0.231	0.0	1.0	18.5	55.6	−55.5	78.6	315	0.0	0.014	1.0	14.2	49.6	−57.0	75.6	311	0.683	0.0	1.0	0.0	0.014	1.0	14.2	49.6	−57.0	75.6	311	0.683	0.0	1.0
316	312	312	0.273	0.0	1.0	19.6	56.6	−54.5	78.7	316	0.016	0.0	1.0	13.7	51.5	−57.1	76.9	312	0.7	0.0	1.0	0.016	0.0	1.0	13.7	51.5	−57.1	76.9	312	0.7	0.0	1.0
317	313	312	0.308	0.0	1.0	20.4	57.5	−53.5	78.6	317	0.118	0.0	1.0	15.9	53.2	−57.0	78.1	313	0.717	0.0	1.0	0.016	0.0	1.0	13.7	51.5	−57.1	76.9	312	0.717	0.0	1.0
318	314	313	0.342	0.0	1.0	21.3	58.4	−52.5	78.6	318	0.176	0.0	1.0	17.2	54.4	−56.3	78.4	314	0.733	0.0	1.0	0.118	0.0	1.0	15.9	53.2	−57.0	78.1	313	0.733	0.0	1.0
319	315	314	0.377	0.0	1.0	22.2	59.3	−51.5	78.6	319	0.231	0.0	1.0	18.5	55.6	−55.5	78.6	315	0.75	0.0	1.0	0.176	0.0	1.0	17.2	54.4	−56.3	78.4	314	0.75	0.0	1.0
320	316	315	0.41	0.0	1.0	23.1	60.3	−50.5	78.7	320	0.273	0.0	1.0	19.6	56.6	−54.5	78.7	316	0.767	0.0	1.0	0.231	0.0	1.0	18.5	55.6	−55.5	78.6	315	0.767	0.0	1.0
321	317	316	0.443	0.0	1.0	24.1	61.3	−49.5	78.8	321	0.308	0.0	1.0	20.4	57.5	−53.5	78.6	317	0.783	0.0	1.0	0.273	0.0	1.0	19.6	56.6	−54.5	78.7	316	0.783	0.0	1.0
322	318	317	0.476	0.0	1.0	25.0	62.2	−48.5	78.9	322	0.342	0.0	1.0	21.3	58.4	−52.5	78.6	318	0.8	0.0	1.0	0.308	0.0	1.0	20.4	57.5	−53.5	78.6	317	0.8	0.0	1.0
323	319	318	0.507	0.0	1.0	25.9	63.2	−47.5	79.1	323	0.377	0.0	1.0	22.2	59.3	−51.5	78.6	319	0.817	0.0	1.0	0.342	0.0	1.0	21.3	58.4	−52.5	78.6	318	0.817	0.0	1.0
324	320	319	0.533	0.0	1.0	26.7	64.2	−46.5	79.3	324	0.41	0.0	1.0	23.1	60.3	−50.5	78.7	320	0.833	0.0	1.0	0.377	0.0	1.0	22.2	59.3	−51.5	78.6	319	0.833	0.0	1.0
325	321	320	0.559	0.0	1.0	27.5	65.2	−45.6	79.6	325	0.443	0.0	1.0	24.1	61.3	−49.5	78.8	321	0.85	0.0	1.0	0.41	0.0	1.0	23.1	60.3	−50.5	78.7	320	0.85	0.0	1.0
326	322	321	0.585	0.0	1.0	28.4	66.2	−44.6	79.9	326	0.476	0.0	1.0	25.0	62.2	−48.5	78.9	322	0.867	0.0	1.0	0.443	0.0	1.0	24.1	61.3	−49.5	78.8	321	0.867	0.0	1.0
327	323	322	0.611	0.0	1.0	29.2	67.2	−43.5	80.1	327	0.507	0.0	1.0	25.9	63.2	−47.5	79.1	323	0.883	0.0	1.0	0.476	0.0	1.0	25.0	62.2	−48.5	78.9	322	0.883	0.0	1.0
328	324	323	0.636	0.0	1.0	30.0	68.2	−42.5	80.4	328	0.533	0.0	1.0	26.7	64.2	−46.5	79.3	324	0.9	0.0	1.0	0.507	0.0	1.0	25.9	63.2	−47.5	79.1	323	0.9	0.0	1.0
329	325	324	0.659	0.0	1.0	30.7	69.3	−41.5	80.8	329	0.559	0.0	1.0	27.5	65.2	−45.6	79.6	325	0.917	0.0	1.0	0.533	0.0	1.0	26.7	64.2	−46.5	79.3	324	0.917	0.0	1.0
330	326	325	0.682	0.0	1.0	31.4	70.3	−40.5	81.2	330	0.585	0.0	1.0	28.4	66.2	−44.6	79.9	326	0.933	0.0	1.0	0.559	0.0	1.0	27.5	65.2	−45.6	79.6	325	0.933	0.0	1.0
331	327	326	0.706	0.0	1.0	32.1	71.4	−39.5	81.6	331	0.611	0.0	1.0	29.2	67.2	−43.5	80.1	327	0.95	0.0	1.0	0.585	0.0	1.0	28.4	66.2	−44.6	79.9	326	0.95	0.0	1.0
332	328	327	0.729	0.0	1.0	32.8	72.4	−38.4	82.0	332	0.636	0.0	1.0	30.0	68.2	−42.5	80.4	328	0.967	0.0	1.0	0.611	0.0	1.0	29.2	67.2	−43.5	80.1	327	0.967	0.0	1.0
333	329	328	0.753	0.0	1.0	33.6	73.4	−37.3	82.4	333	0.659	0.0	1.0	30.7	69.3	−41.5	80.8	329	0.983	0.0	1.0	0.636	0.0	1.0	30.0	68.2	−42.5	80.4	328	0.983	0.0	1.0
334	330	329	0.784	0.0	1.0	34.4	74.6	−36.3	83.0	334	0.682	0.0	1.0	31.4	70.3	−40.5	81.2	330	1.0	0.0	1.0 M_s	0.659	0.0	1.0	30.7	69.3	−41.5	80.8	329	1.0	0.0	1.0 M_e
335	331	330	0.816	0.0	1.0	35.2	75.8	−35.2	83.6	335	0.706	0.0	1.0	32.1	71.4	−39.5	81.6	331	1.0	0.0	0.983	0.682	0.0	1.0	31.4	70.3	−40.5	81.2	330	1.0	0.0	0.983
336	332	331	0.847	0.0	1.0	36.0	76.9	−34.2	84.2	336	0.729	0.0	1.0	32.8	72.4	−38.4	82.0	332	1.0	0.0	0.967	0.706	0.0	1.0	32.1	71.4	−39.5	81.6	331	1.0	0.0	0.967
337	333	331	0.914	0.0	1.0	36.8	78.1	−33.0	84.8	337 M_d	0.753	0.0	1.0	33.6	73.4	−37.3	82.4	333	1.0	0.0	0.95	0.706	0.0	1.0	32.1	71.4	−39.5	81.6	331	1.0	0.0	0.95
338	334	332	1.0	0.0	0.817	36.9	77.6	−31.3	83.7	338	0.784	0.0	1.0	34.4	74.6	−36.3	83.0	334	1.0	0.0	0.933	0.729	0.0	1.0	32.8	72.4	−38.4	82.0	332	1.0	0.0	0.933
339	335	333	1.0	0.0	0.74	36.9	76.7	−29.3	82.2	339	0.816	0.0	1.0	35.2	75.8	−35.2	83.6	335	1.0	0.0	0.917	0.753	0.0	1.0	33.6	73.4	−37.3	82.4	333	1.0	0.0	0.917
340	336	334	1.0	0.0	0.7	36.8	75.9	−27.5	80.8	340	0.847	0.0	1.0	36.0	76.9	−34.2	84.2	336	1.0	0.0	0.9	0.784	0.0	1.0	34.4	74.6	−36.3	83.0	334	1.0	0.0	0.9
341	337	335	1.0	0.0	0.66	36.7	75.1	−25.8	79.4	341	0.914	0.0	1.0	36.8	78.1	−33.0	84.8	337	1.0	0.0	0.883	0.816	0.0	1.0	35.2	75.8	−35.2	83.6	335	1.0	0.0	0.883
342	338	336	1.0	0.0	0.622	36.7	74.3	−24.0	78.1	342	1.0	0.0	0.817	36.9	77.6	−31.3	83.7	338	1.0	0.0	0.867	0.847	0.0	1.0	36.0	76.9	−34.2	84.2	336	1.0	0.0	0.867
343	339	337	1.0	0.0	0.599	36.6	73.7	−22.4	77.1	343	1.0	0.0	0.74	36.9	76.7	−29.3	82.2	339	1.0	0.0	0.85	0.914	0.0	1.0	36.8	78.1	−33.0	84.8	337	1.0	0.0	0.85
344	340	338	1.0	0.0	0.576	36.5	73.2	−20.9	76.1	344	1.0	0.0	0.7	36.8	75.9	−27.5	80.8	340	1.0	0.0	0.833	1.0	0.0	0.817	36.9	77.6	−31.3	83.7	338	1.0	0.0	0.833
345	341	339	1.0	0.0	0.553	36.5	72.6	−19.3	75.1	345	1.0	0.0	0.66	36.7	75.1	−25.8	79.4	341	1.0	0.0	0.817	1.0	0.0	0.74	36.9	76.7	−29.3	82.2	339	1.0	0.0	0.817
346	342	340	1.0	0.0	0.53	36.4	72.0	−17.8	74.2	346	1.0	0.0	0.622	36.7	74.3	−24.0	78.1	342	1.0	0.0	0.8	1.0	0.0	0.7	36.8	75.9	−27.5	80.8	340	1.0	0.0	0.8
347	343	341	1.0	0.0	0.506	36.3	71.3	−16.4	73.2	347	1.0	0.0	0.599	36.6	73.7	−22.4	77.1	343	1.0	0.0	0.783	1.0	0.0	0.66	36.7	75.1	−25.8	79.4	341	1.0	0.0	0.783
348	344	342	1.0	0.0	0.488	36.3	70.9	−15.0	72.4	348	1.0	0.0	0.576	36.5	73.2	−20.9	76.1	344	1.0	0.0	0.767	1.0	0.0	0.622	36.7	74.3	−24.0	78.1	342	1.0	0.0	0.767
349	345	343	1.0	0.0	0.47	36.2	70.5	−13.6	71.8	349	1.0	0.0	0.553	36.5	72.6	−19.3	75.1	345	1.0	0.0	0.75	1.0	0.0	0.599	36.6	73.7	−22.4	77.1	343	1.0	0.0	0.75

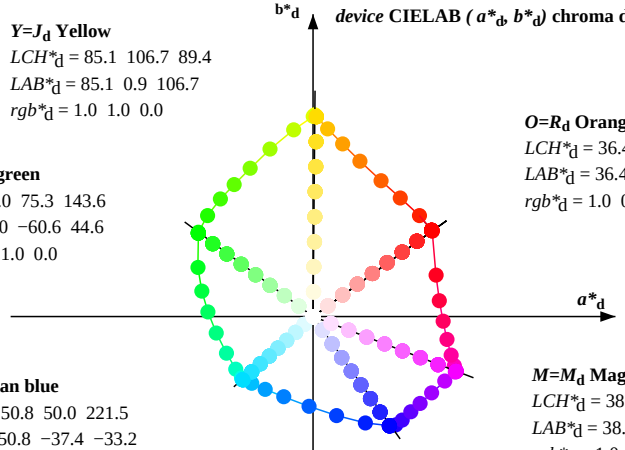


Data of Maximum color M in colorimetric system photo printer FRS09_91; no separation, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours *s:* $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;
Six hue angles of the device colours *d:* $h_{ab,d}$ = 35.0, 92.6, 143.2, 226.7, 311.8, 337.2; 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
349	345	343	1.0	0.0	0.47	36.2	70.5	−13.6	71.8	349	1.0	0.0	0.553	36.5	72.6	−19.3	75.1	345	1.0	0.0	0.75	1.0	0.0	0.599	36.6	73.7	−22.4	77.1	343	1.0	0.0	0.75			
350	346	344	1.0	0.0	0.453	36.2	70.1	−12.3	71.2	350	1.0	0.0	0.53	36.4	72.0	−17.8	74.2	346	1.0	0.0	0.733	1.0	0.0	0.576	36.5	73.2	−20.9	76.1	344	1.0	0.0	0.733			
351	347	345	1.0	0.0	0.436	36.1	69.7	−10.9	70.5	351	1.0	0.0	0.506	36.3	71.3	−16.4	73.2	347	1.0	0.0	0.717	1.0	0.0	0.553	36.5	72.6	−19.3	75.1	345	1.0	0.0	0.717			
352	348	346	1.0	0.0	0.419	36.0	69.2	−9.6	69.9	352	1.0	0.0	0.488	36.3	70.9	−15.0	72.4	348	1.0	0.0	0.7	1.0	0.0	0.53	36.4	72.0	−17.8	74.2	346	1.0	0.0	0.7			
353	349	347	1.0	0.0	0.402	36.0	68.8	−8.3	69.3	353	1.0	0.0	0.47	36.2	70.5	−13.6	71.8	349	1.0	0.0	0.683	1.0	0.0	0.506	36.3	71.3	−16.4	73.2	347	1.0	0.0	0.683			
354	350	348	1.0	0.0	0.385	35.9	68.3	−7.1	68.7	354	1.0	0.0	0.453	36.2	70.1	−12.3	71.2	350	1.0	0.0	0.667	1.0	0.0	0.488	36.3	70.9	−15.0	72.4	348	1.0	0.0	0.667			
355	351	349	1.0	0.0	0.369	35.9	67.9	−5.8	68.2	355	1.0	0.0	0.436	36.1	69.7	−10.9	70.5	351	1.0	0.0	0.65	1.0	0.0	0.47	36.2	70.5	−13.6	71.8	349	1.0	0.0	0.65			
356	352	349	1.0	0.0	0.356	35.8	67.7	−4.6	67.8	356	1.0	0.0	0.419	36.0	69.2	−9.6	69.9	352	1.0	0.0	0.633	1.0	0.0	0.47	36.2	70.5	−13.6	71.8	349	1.0	0.0	0.633			
357	353	350	1.0	0.0	0.343	35.8	67.4	−3.4	67.5	357	1.0	0.0	0.402	36.0	68.8	−8.3	69.3	353	1.0	0.0	0.617	1.0	0.0	0.453	36.2	70.1	−12.3	71.2	350	1.0	0.0	0.617			
358	354	351	1.0	0.0	0.329	35.8	67.1	−2.2	67.2	358	1.0	0.0	0.385	35.9	68.3	−7.1	68.7	354	1.0	0.0	0.6	1.0	0.0	0.436	36.1	69.7	−10.9	70.5	351	1.0	0.0	0.6			
359	355	352	1.0	0.0	0.316	35.7	66.9	−1.1	66.9	359	1.0	0.0	0.369	35.9	67.9	−5.8	68.2	355	1.0	0.0	0.583	1.0	0.0	0.419	36.0	69.2	−9.6	69.9	352	1.0	0.0	0.583			
0	356	353	1.0	0.0	0.303	35.7	66.5	0.0	66.5	0	1.0	0.0	0.356	35.8	67.7	−4.6	67.8	356	1.0	0.0	0.567	1.0	0.0	0.402	36.0	68.8	−8.3	69.3	353	1.0	0.0	0.567			
1	357	354	1.0	0.0	0.289	35.7	66.2	1.2	66.2	1	1.0	0.0	0.343	35.8	67.4	−3.4	67.5	357	1.0	0.0	0.55	1.0	0.0	0.385	35.9	68.3	−7.1	68.7	354	1.0	0.0	0.55			
2	358	355	1.0	0.0	0.276	35.6	65.8	2.3	65.9	2	1.0	0.0	0.329	35.8	67.1	−2.2	67.2	358	1.0	0.0	0.533	1.0	0.0	0.369	35.9	67.9	−5.8	68.2	355	1.0	0.0	0.533			
3	359	356	1.0	0.0	0.263	35.6	65.5	3.4	65.6	3	1.0	0.0	0.316	35.7	66.9	−1.1	66.9	359	1.0	0.0	0.517	1.0	0.0	0.356	35.8	67.7	−4.6	67.8	356	1.0	0.0	0.517			
4	360	357	1.0	0.0	0.249	35.6	65.1	4.6	65.3	4	1.0	0.0	0.303	35.7	66.5	0.0	66.5	0	1.0	0.0	0.5	1.0	0.0	0.343	35.8	67.4	−3.4	67.5	357	1.0	0.0	0.5			
5	361	358	1.0	0.0	0.239	35.5	65.0	5.7	65.2	5	1.0	0.0	0.289	35.7	66.2	1.2	66.2	1	1.0	0.0	0.483	1.0	0.0	0.329	35.8	67.1	−2.2	67.2	358	1.0	0.0	0.483			
6	362	359	1.0	0.0	0.229	35.5	64.8	6.8	65.2	6	1.0	0.0	0.276	35.6	65.8	2.3	65.9	2	1.0	0.0	0.467	1.0	0.0	0.316	35.7	66.9	−1.1	66.9	359	1.0	0.0	0.467			
7	363	360	1.0	0.0	0.218	35.4	64.7	7.9	65.2	7	1.0	0.0	0.263	35.6	65.5	3.4	65.6	3	1.0	0.0	0.45	1.0	0.0	0.303	35.7	66.5	0.0	66.5	0	1.0	0.0	0.45			
8	364	361	1.0	0.0	0.208	35.4	64.5	9.1	65.1	8	1.0	0.0	0.249	35.6	65.1	4.6	65.3	4	1.0	0.0	0.433	1.0	0.0	0.289	35.7	66.2	1.2	66.2	1	1.0	0.0	0.433			
9	365	362	1.0	0.0	0.198	35.4	64.3	10.2	65.1	9	1.0	0.0	0.239	35.5	65.0	5.7	65.2	5	1.0	0.0	0.417	1.0	0.0	0.276	35.6	65.8	2.3	65.9	2	1.0	0.0	0.417			
10	366	363	1.0	0.0	0.188	35.3	64.1	11.3	65.1	10	1.0	0.0	0.229	35.5	64.8	6.8	65.2	6	1.0	0.0	0.4	1.0	0.0	0.263	35.6	65.5	3.4	65.6	3	1.0	0.0	0.4			
11	367	364	1.0	0.0	0.177	35.3	63.9	12.4	65.1	11	1.0	0.0	0.218	35.4	64.7	7.9	65.2	7	1.0	0.0	0.383	1.0	0.0	0.249	35.6	65.1	4.6	65.3	4	1.0	0.0	0.383			
12	368	365	1.0	0.0	0.167	35.2	63.6	13.5	65.0	12	1.0	0.0	0.208	35.4	64.5	9.1	65.1	8	1.0	0.0	0.367	1.0	0.0	0.239	35.5	65.0	5.7	65.2	5	1.0	0.0	0.367			
13	369	366	1.0	0.0	0.157	35.2	63.3	14.6	65.0	13	1.0	0.0	0.198	35.4	64.3	10.2	65.1	9	1.0	0.0	0.35	1.0	0.0	0.229	35.5	64.8	6.8	65.2	6	1.0	0.0	0.35			
14	370	367	1.0	0.0	0.146	35.2	63.0	15.7	65.0	14	1.0	0.0	0.188	35.3	64.1	11.3	65.1	10	1.0	0.0	0.333	1.0	0.0	0.218	35.4	64.7	7.9	65.2	7	1.0	0.0	0.333			
15	371	367	1.0	0.0	0.136	35.1	62.7	16.8	64.9	15	1.0	0.0	0.177	35.3	63.9	12.4	65.1	11	1.0	0.0	0.317	1.0	0.0	0.218	35.4	64.7	7.9	65.2	7	1.0	0.0	0.317			
16	372	368	1.0	0.0	0.126	35.1	62.4	17.9	64.9	16	1.0	0.0	0.167	35.2	63.6	13.5	65.0	12	1.0	0.0	0.3	1.0	0.0	0.208	35.4	64.5	9.1	65.1	8	1.0	0.0	0.3			
17	373	369	1.0	0.0	0.119	35.1	62.4	19.1	65.3	17	1.0	0.0	0.157	35.2	63.3	14.6	65.0	13	1.0	0.0	0.283	1.0	0.0	0.198	35.4	64.3	10.2	65.1	9	1.0	0.0	0.283			
18	374	370	1.0	0.0	0.112	35.0	62.5	20.3	65.7	18	1.0	0.0	0.146	35.2	63.0	15.7	65.0	14	1.0	0.0	0.267	1.0	0.0	0.188	35.3	64.1	11.3	65.1	10	1.0	0.0	0.267			
19	375	371	1.0	0.0	0.106	35.0	62.5	21.5	66.1	19	1.0	0.0	0.136	35.1	62.7	16.8	64.9	15	1.0	0.0	0.25	1.0	0.0	0.177	35.3	63.9	12.4	65.1	11	1.0	0.0	0.25			
20	376	372	1.0	0.0	0.099	35.0	62.5	22.7	66.5	20	1.0	0.0	0.126	35.1	62.4	17.9	64.9	16	1.0	0.0	0.233	1.0	0.0	0.167	35.2	63.6	13.5	65.0	12	1.0	0.0	0.233			
21	377	373	1.0	0.0	0.092	34.9	62.5	24.0	66.9	21	1.0	0.0	0.119	35.1	62.4	19.1	65.3	17	1.0	0.0	0.217	1.0	0.0	0.157	35.2	63.3	14.6	65.0	13	1.0	0.0	0.217			
22	378	374	1.0	0.0	0.086	34.9	62.4	25.2	67.3	22	1.0	0.0	0.112	35.0	62.5	20.3	65.7	18	1.0	0.0	0.2	1.0	0.0	0.146	35.2	63.0	15.7	65.0	14	1.0	0.0	0.2			
23	379	375	1.0	0.0	0.079	34.9	62.3	26.5	67.7	23	1.0	0.0	0.106	35.0	62.5	21.5	66.1	19	1.0	0.0	0.183	1.0	0.0	0.136	35.1	62.7	16.8	64.9	15	1.0	0.0	0.183			
24	380	376	1.0	0.0	0.073	34.9	62.2	27.7	68.1	24	1.0	0.0	0.099	35.0	62.5	22.7	66.5	20	1.0	0.0	0.167	1.0	0.0	0.126	35.1	62.4	17.9	64.9	16	1.0	0.0	0.167			
25	381	377	1.0	0.0	0.066	34.8	62.1	29.0	68.5	25	1.0	0.0	0.092	34.9	62.5	24.0	66.9	21	1.0	0.0	0.15	1.0	0.0	0.119	35.1	62.4	19.1	65.3	17	1.0	0.0	0.15			
26	382	378	1.0	0.0	0.059	34.8	61.9	30.2	68.9	26	1.0	0.0	0.086	34.9	62.4	25.2	67.3	22	1.0	0.0	0.133	1.0	0.0	0.112	35.0	62.5	20.3	65.7	18	1.0	0.0	0.133			
27	383	379	1.0	0.0	0.053	34.8	61.8	31.5	69.3	27	1.0	0.0	0.079	34.9	62.3	26.5	67.7	23	1.0	0.0	0.117	1.0	0.0	0.106	35.0	62.5	21.5	66.1	19	1.0	0.0	0.117			
28	384	380	1.0	0.0	0.046	34.8	61.6	32.7	69.7	28	1.0	0.0	0.073	34.9	62.2	27.7	68.1	24	1.0	0.0	0.1	1.0	0.0	0.099	35.0	62.5	22.7	66.5	20	1.0	0.0	0.1			
29	385	381	1.0	0.0	0.04	34.7	61.3	34.0	70.1	29	1.0	0.0	0.066	34.8	62.1	29.0	68.5	25	1.0	0.0	0.083	1.0	0.0	0.092	34.9	62.5	24.0	66.9	21	1.0	0.0	0.083			
30	386	382	1.0	0.0	0.033	34.7	61.1	35.3	70.5	30	1.0	0.0	0.059	34.8	61.9	30.2	68.9	26	1.0	0.0	0.067	1.0	0.0	0.086	34.9	62.4	25.2	67.3	22	1.0	0.0	0.067			
31	387	383	1.0	0.0	0.026	34.7	60.8	36.5	70.9	31	1.0	0.0	0.053	34.8	61.8	31.5	69.3	27	1.0	0.0	0.05	1.0	0.0	0.079	34.9	62.3	26.5	67.7	23	1.0	0.0	0.05			
32	388	384	1.0	0.0	0.02	34.6	60.5	37.8	71.3	32	1.0	0.0	0.046	34.8	61.6	32.7	69.7	28	1.0	0.0	0.033	1.0	0.0	0.073	34.9	62.2	27.7	68.1	24	1.0	0.0	0.033			
33	389	385	1.0	0.0	0.013	34.6	60.2	39.1	71.7	33	1.0	0.0	0.04	34.7	61.3	34.0	70.1	29	1.0	0.0	0.017	1.0	0.0	0.066	34.8	62.1	29.0	68.5	25	1.0	0.0	0.017			
34	390	385	1.0	0.0	0.006	34.6	59.8	40.3	72.2	34 R_d	1.0	0.0	0.033	34.7	61.1	35.3	70.5	30	1.0	0.0	0.0 R_s	1.0	0.0	0.066	34.8	62.1	29.0	68.5	25	1.0	0.0	0.0 R_e			

Data of Maximum color M in colorimetric system photo printer FRS09_91; no separation, 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:* $h_{ab,d}$ = 35.7, 89.5, 143.6, 221.6, 305.4, 339.1; Six hue angles of the elementary colours *e:* $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

device CIELAB (a^*_d, b^*_d) chroma diagram



Y=J_d Yellow
*LCH**d = 85.1 106.7 89.4
*LAB**d = 85.1 0.9 106.7
*rgb**d = 1.0 1.0 0.0

O=R_d Orange red
*LCH**d = 36.4 77.6 35.6
*LAB**d = 36.4 63.0 45.2
*rgb**d = 1.0 0.0 0.0

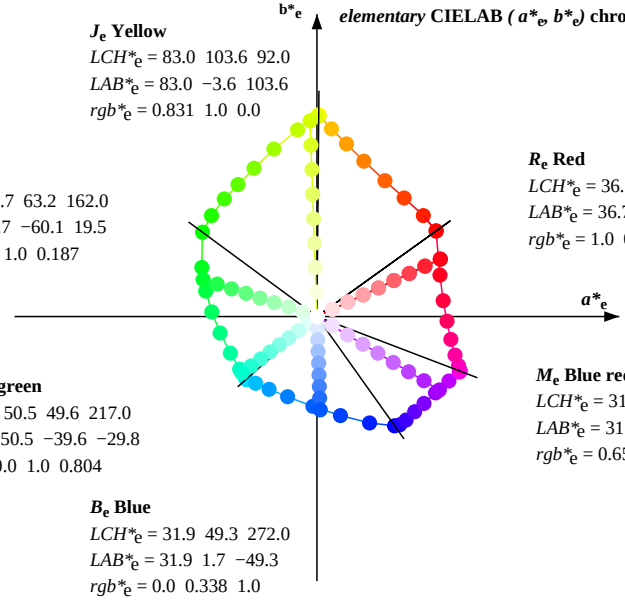
L=G_d Leaf green
*LCH**d = 43.0 75.3 143.6
*LAB**d = 43.0 −60.6 44.6
*rgb**d = 0.0 1.0 0.0

C=C_d Cyan blue
*LCH**d = 50.8 50.0 221.5
*LAB**d = 50.8 −37.4 −33.2
*rgb**d = 0.0 1.0 1.0

M=M_d Magenta red
*LCH**d = 38.3 81.1 339.1
*LAB**d = 38.3 75.7 −28.9
*rgb**d = 1.0 0.0 1.0

V=B_d Violet blue (very different to elementary Blue)
*LCH**d = 12.3 70.9 305.4
*LAB**d = 12.3 41.1 −57.8
*rgb**d = 0.0 0.0 1.0

elementary CIELAB (a^*_e, b^*_e) chroma diagram



J_e Yellow
*LCH**e = 83.0 103.6 92.0
*LAB**e = 83.0 −3.6 103.6
*rgb**e = 0.831 1.0 0.0

G_e Green
*LCH**e = 45.7 63.2 162.0
*LAB**e = 45.7 −60.1 19.5
*rgb**e = 0.0 1.0 0.187

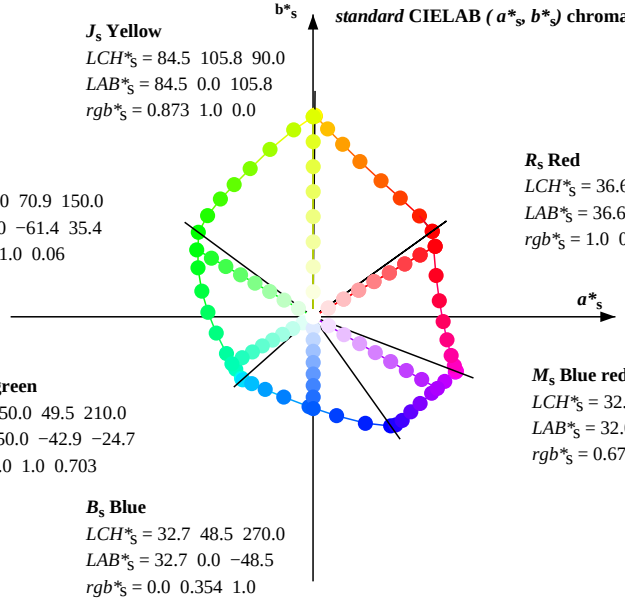
R_e Red
*LCH**e = 36.7 71.9 25.0
*LAB**e = 36.7 65.2 30.4
*rgb**e = 1.0 0.0 0.078

C_e Blue green
*LCH**e = 50.5 49.6 217.0
*LAB**e = 50.5 −39.6 −29.8
*rgb**e = 0.0 1.0 0.804

M_e Blue red
*LCH**e = 31.4 75.4 329.0
*LAB**e = 31.4 64.7 −38.8
*rgb**e = 0.657 0.0 1.0

B_e Blue
*LCH**e = 31.9 49.3 272.0
*LAB**e = 31.9 1.7 −49.3
*rgb**e = 0.0 0.338 1.0

standard CIELAB (a^*_s, b^*_s) chroma diagram



J_s Yellow
*LCH**s = 84.5 105.8 90.0
*LAB**s = 84.5 0.0 105.8
*rgb**s = 0.873 1.0 0.0

G_s Green
*LCH**s = 44.0 70.9 150.0
*LAB**s = 44.0 −61.4 35.4
*rgb**s = 0.0 1.0 0.06

R_s Red
*LCH**s = 36.6 74.6 30.0
*LAB**s = 36.6 64.6 37.3
*rgb**s = 1.0 0.0 0.041

C_s Blue green
*LCH**s = 50.0 49.5 210.0
*LAB**s = 50.0 −42.9 −24.7
*rgb**s = 0.0 1.0 0.703

M_s Blue red
*LCH**s = 32.0 75.9 330.0
*LAB**s = 32.0 65.7 −37.9
*rgb**s = 0.676 0.0 1.0

B_s Blue
*LCH**s = 32.7 48.5 270.0
*LAB**s = 32.7 0.0 −48.5
*rgb**s = 0.0 0.354 1.0

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

1. For the *rgb**d-input values the CIELAB data *LCH**d and *LAB**d have been measured.
2. For the calculation of the standard hue angle $h_{ab,s}$ use for any device values *rgb**d the equation:
   $$h_{ab,s} = atan\,[\,r^*_d\,cos(30) + g^*_d\,cos(150)\,]\,/\,[\,r^*_d\,sin(30) + g^*_d\,sin(150) + b^*_d\,sin(270)\,] \quad (1)$$
3. 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:
   $$h_{48ab,sij} = h_{ab,si} + j\,[h_{ab,si+1} - h_{ab,si}\,]\,/8\;(\,i = 0, 1, ..., 5;\, j = 0, 1, ..., 7) \quad (2)$$
   $$h_{360ab,sij} = h_{ab,si} + j\,[h_{ab,si+1} - h_{ab,si}\,]\,/60\;(\,i = 0, 1, ..., 5;\, j = 0, 1, ..., 59) \quad (3)$$
4. 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:
   $$h_{48ab,eij} = h_{ab,ei} + j\,[h_{ab,ei+1} - h_{ab,ei}\,]\,/8\;(\,i = 0, 1, ..., 5;\, j = 0, 1, ..., 7) \quad (4)$$
   $$h_{360ab,eij} = h_{ab,ei} + j\,[h_{ab,ei+1} - h_{ab,ei}\,]\,/60\;(\,i = 0, 1, ..., 5;\, j = 0, 1, ..., 59) \quad (5)$$
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.
6. The values *rgb**de produce the output of the device-independent elementary hues

Data of Maximum color M in colorimetric system photo printer FRS09_91; no separation, 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:* $h_{ab,d}$ = 35.7, 89.5, 143.6, 221.6, 305.4, 339.1; 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**dd50M			*LAB**dd50Mx (x=LabCh)					*rgb**ds50M			*LAB**ds50Mx (x=LabCh)					*rgb**s50M			*rgb**de50M			*LAB**de50Mx (x=LabCh)					*rgb**e50M		
35.7	30.0	25.5	1.0	0.0	0.0	36.5	63.0	45.3	77.6	35.7	1.0	0.0	0.042	36.6	64.6	37.3	74.6	30	1.0	0.0	0.0	1.0	0.0	0.078	36.8	65.2	30.4	72.0	25	1.0	0.0	0.0
43.5	37.5	33.8	1.0	0.125	0.0	44.0	56.3	53.4	77.6	43.5	1.0	0.037	0.0	38.7	61.2	47.8	77.6	38	1.0	0.125	0.0	1.0	0.0	0.012	36.5	63.6	42.9	76.7	34	1.0	0.125	0.0
53.6	45.0	42.2	1.0	0.25	0.0	52.1	46.2	62.7	77.9	53.6	1.0	0.144	0.0	45.2	54.9	54.9	77.7	45	1.0	0.25	0.0	1.0	0.101	0.0	42.6	57.7	51.9	77.6	42	1.0	0.25	0.0
63.5	52.5	50.5	1.0	0.375	0.0	59.7	35.9	71.9	80.4	63.5	1.0	0.242	0.0	51.6	46.9	62.2	77.9	53	1.0	0.375	0.0	1.0	0.218	0.0	50.0	49.0	60.5	77.8	51	1.0	0.375	0.0
73.2	60.0	58.9	1.0	0.5	0.0	67.5	24.9	82.2	85.9	73.2	1.0	0.331	0.0	57.0	39.8	68.9	79.5	60	1.0	0.5	0.0	1.0	0.318	0.0	56.2	40.8	68.0	79.3	59	1.0	0.5	0.0
80.3	67.5	67.2	1.0	0.625	0.0	74.3	15.7	91.3	92.6	80.3	1.0	0.433	0.0	63.4	31.1	76.9	83.0	68	1.0	0.625	0.0	1.0	0.42	0.0	62.5	32.2	75.8	82.4	67	1.0	0.625	0.0
85.5	75.0	75.6	1.0	0.75	0.0	80.2	7.7	99.3	99.6	85.5	1.0	0.533	0.0	69.3	22.7	84.7	87.6	75	1.0	0.75	0.0	1.0	0.55	0.0	70.3	21.4	86.0	88.6	76	1.0	0.75	0.0
89.3	82.5	84.0	1.0	0.875	0.0	84.9	1.2	106.3	106.3	89.3	1.0	0.69	0.0	77.4	11.7	95.5	96.3	83	1.0	0.875	0.0	1.0	0.714	0.0	78.5	10.2	97.1	97.6	84	1.0	0.875	0.0
89.5	90.0	92.3	1.0	1.0	0.0	85.2	0.9	106.7	106.7	89.5	0.873	1.0	0.0	84.5	0.0	105.9	105.9	90	1.0	1.0	0.0	0.832	1.0	0.0	83.0	−3.5	103.6	103.7	92	1.0	1.0	0.0
89.9	97.5	101.1	0.875	1.0	0.0	84.6	0.1	105.9	105.9	89.9	0.719	1.0	0.0	78.4	−13.5	96.5	97.4	98	0.875	1.0	0.0	0.675	1.0	0.0	76.0	−18.0	92.9	94.6	101	0.875	1.0	0.0
95.9	105.0	109.8	0.75	1.0	0.0	80.0	−10.2	98.9	99.4	95.9	0.617	1.0	0.0	72.8	−23.5	87.9	91.0	105	0.75	1.0	0.0	0.543	1.0	0.0	68.8	−29.8	82.1	87.3	110	0.75	1.0	0.0
104.4	112.5	118.5	0.625	1.0	0.0	73.2	−22.7	88.5	91.4	104.4	0.5	1.0	0.0	66.5	−33.2	78.4	85.1	113	0.625	1.0	0.0	0.404	1.0	0.0	62.2	−39.8	71.9	82.2	119	0.625	1.0	0.0
113.0	120.0	127.3	0.5	1.0	0.0	66.5	−33.1	78.4	85.2	113.0	0.388	1.0	0.0	61.5	−40.8	70.8	81.7	120	0.5	1.0	0.0	0.27	1.0	0.0	56.6	−47.8	63.6	79.6	127	0.5	1.0	0.0
120.8	127.5	136.0	0.375	1.0	0.0	60.9	−41.6	69.9	81.3	120.8	0.253	1.0	0.0	55.9	−48.7	62.5	79.3	128	0.375	1.0	0.0	0.128	1.0	0.0	49.5	−55.5	53.7	77.3	136	0.375	1.0	0.0
128.2	135.0	144.7	0.25	1.0	0.0	55.7	−48.9	62.3	79.2	128.2	0.144	1.0	0.0	50.3	−54.8	54.9	77.6	135	0.25	1.0	0.0	0.0	1.0	0.013	43.3	−60.8	42.7	74.4	145	0.25	1.0	0.0
136.2	142.5	153.5	0.125	1.0	0.0	49.4	−55.7	53.5	77.3	136.2	0.01	1.0	0.0	43.6	−60.2	45.4	75.5	143	0.125	1.0	0.0	0.0	1.0	0.088	44.5	−61.3	31.3	68.9	153	0.125	1.0	0.0
143.6	150.0	162.2	0.0	1.0	0.0	43.1	−60.5	44.7	75.3	143.6	0.0	1.0	0.06	44.0	−61.4	35.5	71.0	150	0.0	1.0	0.0	0.0	1.0	0.188	45.7	−60.1	19.6	63.3	162	0.0	1.0	0.0
156.9	157.5	169.1	0.0	1.0	0.125	45.1	−60.8	26.0	66.3	156.9	0.0	1.0	0.139	45.2	−60.7	24.6	65.6	158	0.0	1.0	0.125	0.0	1.0	0.273	46.5	−58.3	11.4	59.5	169	0.0	1.0	0.125
167.1	165.0	175.9	0.0	1.0	0.25	46.3	−58.7	13.5	60.4	167.1	0.0	1.0	0.225	46.1	−59.4	15.9	61.6	165	0.0	1.0	0.25	0.0	1.0	0.357	47.1	−56.1	3.9	56.3	176	0.0	1.0	0.25
177.5	172.5	182.8	0.0	1.0	0.375	47.3	−55.5	2.5	55.7	177.5	0.0	1.0	0.321	46.9	−57.1	7.0	57.7	173	0.0	1.0	0.375	0.0	1.0	0.432	47.8	−53.8	−2.7	54.0	183	0.0	1.0	0.375
189.6	180.0	189.6	0.0	1.0	0.5	48.5	−51.1	−8.6	51.9	189.6	0.0	1.0	0.401	47.5	−54.8	0.0	54.9	180	0.0	1.0	0.5	0.0	1.0	0.504	48.5	−51.0	−8.9	51.8	190	0.0	1.0	0.5
203.0	187.5	196.4	0.0	1.0	0.625	49.5	−45.7	−19.3	49.7	203.0	0.0	1.0	0.483	48.3	−51.8	−7.2	52.4	188	0.0	1.0	0.625	0.0	1.0	0.56	49.0	−48.8	−13.9	50.9	196	0.0	1.0	0.625
214.2	195.0	203.3	0.0	1.0	0.75	50.4	−40.8	−27.7	49.5	214.2	0.0	1.0	0.55	48.9	−49.2	−13.1	51.0	195	0.0	1.0	0.75	0.0	1.0	0.625	49.5	−45.7	−19.3	49.7	203	0.0	1.0	0.75
220.6	202.5	210.1	0.0	1.0	0.875	50.8	−37.8	−32.4	49.9	220.6	0.0	1.0	0.625	49.5	−45.7	−19.3	49.7	203	0.0	1.0	0.875	0.0	1.0	0.703	50.1	−42.8	−24.7	49.6	210	0.0	1.0	0.875
221.6	210.0	217.0	0.0	1.0	1.0	50.8	−37.3	−33.1	50.0	221.6	0.0	1.0	0.703	50.1	−42.8	−24.7	49.6	210	0.0	1.0	1.0	0.0	1.0	0.805	50.6	−39.6	−29.8	49.7	217	0.0	1.0	1.0
221.8	217.5	223.8	0.0	0.875	1.0	50.8	−37.2	−33.2	50.0	221.8	0.0	1.0	0.825	50.6	−39.1	−30.5	49.7	218	0.0	0.875	1.0	0.0	0.826	1.0	49.9	−35.3	−34.1	49.2	224	0.0	0.875	1.0
227.4	225.0	230.7	0.0	0.75	1.0	48.5	−32.4	−35.3	48.0	227.4	0.0	0.804	1.0	49.5	−34.5	−34.5	48.9	225	0.0	0.75	1.0	0.0	0.702	1.0	47.2	−29.7	−36.6	47.3	231	0.0	0.75	1.0
236.7	232.5	237.5	0.0	0.625	1.0	45.0	−25.2	−38.4	46.1	236.7	0.0	0.675	1.0	46.4	−28.1	−37.3	46.9	233	0.0	0.625	1.0	0.0	0.613	1.0	44.6	−24.3	−38.9	46.0	238	0.0	0.625	1.0
250.0	240.0	244.4	0.0	0.5	1.0	40.3	−15.3	−42.4	45.2	250.0	0.0	0.594	1.0	43.9	−22.8	−39.6	45.8	240	0.0	0.5	1.0	0.0	0.557	1.0	42.5	−19.9	−40.9	45.6	244	0.0	0.5	1.0
267.4	247.5	251.2	0.0	0.375	1.0	33.9	−2.1	−47.4	47.6	267.4	0.0	0.519	1.0	41.0	−16.9	−41.9	45.3	248	0.0	0.375	1.0	0.0	0.493	1.0	40.0	−14.7	−42.8	45.4	251	0.0	0.375	1.0
283.3	255.0	258.0	0.0	0.25	1.0	27.0	12.4	−52.3	53.8	283.3	0.0	0.464	1.0	38.5	−11.8	−44.2	45.9	255	0.0	0.25	1.0	0.0	0.443	1.0	37.4	−9.5	−45.2	46.3	258	0.0	0.25	1.0
296.2	262.5	264.9	0.0	0.125	1.0	19.6	27.7	−56.2	62.8	296.2	0.0	0.407	1.0	35.5	−5.6	−46.5	47.0	263	0.0	0.125	1.0	0.0	0.392	1.0	34.8	−4.0	−47.0	47.3	265	0.0	0.125	1.0
305.4	270.0	271.7	0.0	0.0	1.0	12.4	41.1	−57.7	71.0	305.4	0.0	0.355	1.0	32.8	0.0	−48.5	48.6	270	0.0	0.0	1.0	0.0	0.339	1.0	31.9	1.7	−49.2	49.4	272	0.0	0.0	1.0
307.3	277.5	278.8	0.125	0.0	1.0	15.2	43.7	−57.2	72.0	307.3	0.0	0.292	1.0	29.3	7.2	−51.1	51.7	278	0.125	0.0	1.0	0.0	0.284	1.0	28.9	8.2	−51.4	52.1	279	0.125	0.0	1.0
310.7	285.0	286.0	0.25	0.0	1.0	18.5	47.2	−54.7	72.3	310.7	0.0	0.234	1.0	26.0	14.2	−53.0	55.0	285	0.25	0.0	1.0	0.0	0.224	1.0	25.4	15.3	−53.4	55.7	286	0.25	0.0	1.0
315.8	292.5	293.1	0.375	0.0	1.0	22.1	51.8	−50.3	72.2	315.8	0.0	0.156	1.0	21.4	23.6	−55.6	60.5	293	0.375	0.0	1.0	0.0	0.156	1.0	21.4	23.6	−55.6	60.5	293	0.375	0.0	1.0
320.9	300.0	300.2	0.5	0.0	1.0	26.0	56.6	−45.9	72.9	320.9	0.0	0.074	1.0	16.6	33.1	−57.2	66.1	300	0.5	0.0	1.0	0.0	0.074	1.0	16.6	33.1	−57.2	66.1	300	0.5	0.0	1.0
327.2	307.5	307.3	0.625	0.0	1.0	30.3	62.8	−40.3	74.7	327.2	0.15	0.0	1.0	15.9	44.4	−56.7	72.1	308	0.625	0.0	1.0	0.103	0.0	1.0	14.7	43.2	−57.3	71.8	307	0.625	0.0	1.0
333.9	315.0	314.4	0.75	0.0	1.0	34.6	69.7	−34.0	77.6	333.9	0.356	0.0	1.0	21.5	51.1	−51.0	72.2	315	0.75	0.0	1.0	0.331	0.0	1.0	20.8	50.2	−51.9	72.3	314	0.75	0.0	1.0
338.7	322.5	321.5	0.875	0.0	1.0	38.1	75.4	−29.3	80.9	338.7	0.541	0.0	1.0	27.4	58.7	−44.1	73.5	323	0.875	0.0	1.0	0.501	0.0	1.0	26.0	56.7	−45.8	72.9	321	0.875	0.0	1.0
339.1	330.0	328.6	1.0	0.0	1.0	38.4	75.8	−28.8	81.1	339.1	0.677	0.0	1.0	32.1	65.7	−37.9	75.9	330	1.0	0.0	1.0	0.658	0.0	1.0	31.4	64.7	−38.8	75.5	329	1.0	0.0	1.0
339.2	337.5	335.7	1.0	0.0	0.875	38.4	75.7	−28.6	81.0	339.2	0.856	0.0	1.0	37.6	74.5	−30.0	80.4	338	1.0	0.0	0.875	0.804	0.0	1.0	36.1	72.2	−32.0	79.0	336	1.0	0.0	0.875
340.9	345.0	342.8	1.0	0.0	0.75	38.4	74.8	−25.9	79.2	340.9	1.0	0.0	0.612	38.1	72.9	−19.4	75.4	345	1.0	0.0	0.75	1.0	0.0	0.675	38.3	73.8	−22.5	77.2	343	1.0	0.0	0.75
344.4	352.5	349.9	1.0	0.0	0.625	38.2	73.0	−20.3	75.8	344.4	1.0	0.0	0.456	37.8	70.3	−8.5	70.8	353	1.0	0.0	0.625	1.0	0.0	0.506	37.9	71.0	−12.4	72.1	350	1.0	0.0	0.625
350.3	360.0	357.0	1.0	0.0	0.5	37.9	70.8	−12.0	71.9	350.3	1.0	0.0	0.347	37.5	68.5	0.0	68.5	0	1.0	0.0	0.5	1.0	0.0	0.39	37.6	69.1	−3.5	69.2	357	1.0	0.0	0.5
357.9	367.5	364.2	1.0	0.0	0.375	37.6	68.8	−2.4	68.8	357.9	1.0	0.0	0.241	37.3	66.8	9.4	67.5	8	1.0	0.0	0.375	1.0	0.0	0.293	37.4	67.7	4.7	67.9	4	1.0	0.0	0.375
367.2	375.0	371.3	1.0	0.0	0.25	37.3	66.9	8.4	67.4	367.2	1.0	0.0	0.164	37.0	65.9	17.7	68.2	15	1.0	0.0	0.25	1.0	0.0	0.208	37.2	66.6	12.9	67.8	11	1.0	0.0	0.25
378.6	382.5	378.4	1.0	0.0	0.125	36.9	65.0	21.9	68.6	378.6	1.0	0.0	0.093	36.8	65.3	27.7	70.9	23	1.0	0.0	0.125	1.0	0.0	0.131	36.9	65.2	21.2	68.6	18	1.0	0.0	0.125
395.7	390.0	385.5	1.0	0.0	0.0	36.5	63.0	45.3	77.6	395.7	1.0	0.0	0.042	36.6	64.6	37.3	74.6	30	1.0	0.0	0.0	1.0	0.0	0.078	36.8	65.2	30.4	72.0	25	1.0	0.0	0.0

*rgb**dd *rgb**ds *rgb**de

Data of Maximum color M in colorimetric system photo printer FRS09_91; no separation, 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:* $h_{ab,d}$ = 35.7, 89.5, 143.6, 221.6, 305.4, 339.1; 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)					R_d	*rgb**ds361Mi			*LAB**ds361Mix (x=LabCh)					*rgb**s50M			R_s	*rgb**de361Mi			*LAB**de361Mix (x=LabCh)					*rgb**e50M			R_e
35	30	25	1.0	0.0	0.005	36.5	63.3	44.3	77.2	35		1.0	0.0	0.042	36.6	64.6	37.3	74.6	30	1.0	0.0	0.0		1.0	0.0	0.078	36.8	65.2	30.4	72.0	25	1.0	0.0	0.0	
36	31	27	1.0	0.005	0.0	36.8	62.8	45.6	77.6	36		1.0	0.0	0.034	36.6	64.4	38.7	75.1	31	1.0	0.017	0.0		1.0	0.0	0.063	36.7	65.1	33.2	73.0	27	1.0	0.017	0.0	
37	32	28	1.0	0.021	0.0	37.8	62.0	46.7	77.6	37		1.0	0.0	0.027	36.6	64.2	40.1	75.7	32	1.0	0.033	0.0		1.0	0.0	0.056	36.7	65.0	34.5	73.6	28	1.0	0.033	0.0	
38	33	29	1.0	0.037	0.0	38.7	61.2	47.8	77.6	38		1.0	0.0	0.02	36.5	63.9	41.5	76.2	33	1.0	0.05	0.0		1.0	0.0	0.049	36.6	64.8	35.9	74.1	29	1.0	0.05	0.0	
39	34	30	1.0	0.053	0.0	39.7	60.3	48.8	77.6	39		1.0	0.0	0.012	36.5	63.6	42.9	76.7	34	1.0	0.067	0.0		1.0	0.0	0.042	36.6	64.6	37.3	74.6	30	1.0	0.067	0.0	
40	35	31	1.0	0.069	0.0	40.6	59.5	49.9	77.6	40		1.0	0.0	0.005	36.5	63.3	44.3	77.2	35	1.0	0.083	0.0		1.0	0.0	0.034	36.6	64.4	38.7	75.1	31	1.0	0.083	0.0	
41	36	32	1.0	0.085	0.0	41.6	58.6	50.9	77.6	41		1.0	0.005	0.0	36.8	62.8	45.6	77.6	36	1.0	0.1	0.0		1.0	0.0	0.027	36.6	64.2	40.1	75.7	32	1.0	0.1	0.0	
42	37	33	1.0	0.101	0.0	42.6	57.7	51.9	77.6	42		1.0	0.021	0.0	37.8	62.0	46.7	77.6	37	1.0	0.117	0.0		1.0	0.0	0.02	36.5	63.9	41.5	76.2	33	1.0	0.117	0.0	
43	38	34	1.0	0.117	0.0	43.5	56.8	52.9	77.6	43		1.0	0.037	0.0	38.7	61.2	47.8	77.6	38	1.0	0.133	0.0		1.0	0.0	0.012	36.5	63.6	42.9	76.7	34	1.0	0.133	0.0	
44	39	36	1.0	0.131	0.0	44.4	55.8	53.9	77.6	44		1.0	0.053	0.0	39.7	60.3	48.8	77.6	39	1.0	0.15	0.0		1.0	0.005	0.0	36.8	62.8	45.6	77.6	36	1.0	0.15	0.0	
45	40	37	1.0	0.144	0.0	45.2	54.9	54.9	77.7	45		1.0	0.069	0.0	40.6	59.5	49.9	77.6	40	1.0	0.167	0.0		1.0	0.021	0.0	37.8	62.0	46.7	77.6	37	1.0	0.167	0.0	
46	41	38	1.0	0.156	0.0	46.0	54.0	55.9	77.7	46		1.0	0.085	0.0	41.6	58.6	50.9	77.6	41	1.0	0.183	0.0		1.0	0.037	0.0	38.7	61.2	47.8	77.6	38	1.0	0.183	0.0	
47	42	39	1.0	0.168	0.0	46.8	53.0	56.8	77.7	47		1.0	0.101	0.0	42.6	57.7	51.9	77.6	42	1.0	0.2	0.0		1.0	0.053	0.0	39.7	60.3	48.8	77.6	39	1.0	0.2	0.0	
48	43	40	1.0	0.181	0.0	47.6	52.0	57.8	77.8	48		1.0	0.117	0.0	43.5	56.8	52.9	77.6	43	1.0	0.217	0.0		1.0	0.069	0.0	40.6	59.5	49.9	77.6	40	1.0	0.217	0.0	
49	44	41	1.0	0.193	0.0	48.4	51.0	58.7	77.8	49		1.0	0.131	0.0	44.4	55.8	53.9	77.6	44	1.0	0.233	0.0		1.0	0.085	0.0	41.6	58.6	50.9	77.6	41	1.0	0.233	0.0	
50	45	42	1.0	0.205	0.0	49.2	50.0	59.6	77.8	50		1.0	0.144	0.0	45.2	54.9	54.9	77.7	45	1.0	0.25	0.0		1.0	0.101	0.0	42.6	57.7	51.9	77.6	42	1.0	0.25	0.0	
51	46	43	1.0	0.218	0.0	50.0	49.0	60.5	77.8	51		1.0	0.156	0.0	46.0	54.0	55.9	77.7	46	1.0	0.267	0.0		1.0	0.117	0.0	43.5	56.8	52.9	77.6	43	1.0	0.267	0.0	
52	47	44	1.0	0.23	0.0	50.8	47.9	61.4	77.9	52		1.0	0.168	0.0	46.8	53.0	56.8	77.7	47	1.0	0.283	0.0		1.0	0.131	0.0	44.4	55.8	53.9	77.6	44	1.0	0.283	0.0	
53	48	46	1.0	0.242	0.0	51.6	46.9	62.2	77.9	53		1.0	0.181	0.0	47.6	52.0	57.8	77.8	48	1.0	0.3	0.0		1.0	0.156	0.0	46.0	54.0	55.9	77.7	46	1.0	0.3	0.0	
54	49	47	1.0	0.255	0.0	52.4	45.9	63.1	78.0	54		1.0	0.193	0.0	48.4	51.0	58.7	77.8	49	1.0	0.317	0.0		1.0	0.168	0.0	46.8	53.0	56.8	77.7	47	1.0	0.317	0.0	
55	50	48	1.0	0.268	0.0	53.2	44.9	64.1	78.3	55		1.0	0.205	0.0	49.2	50.0	59.6	77.8	50	1.0	0.333	0.0		1.0	0.181	0.0	47.6	52.0	57.8	77.8	48	1.0	0.333	0.0	
56	51	49	1.0	0.28	0.0	53.9	43.9	65.1	78.5	56		1.0	0.218	0.0	50.0	49.0	60.5	77.8	51	1.0	0.35	0.0		1.0	0.193	0.0	48.4	51.0	58.7	77.8	49	1.0	0.35	0.0	
57	52	50	1.0	0.293	0.0	54.7	42.9	66.1	78.8	57		1.0	0.23	0.0	50.8	47.9	61.4	77.9	52	1.0	0.367	0.0		1.0	0.205	0.0	49.2	50.0	59.6	77.8	50	1.0	0.367	0.0	
58	53	51	1.0	0.306	0.0	55.5	41.9	67.0	79.0	58		1.0	0.242	0.0	51.6	46.9	62.2	77.9	53	1.0	0.383	0.0		1.0	0.218	0.0	50.0	49.0	60.5	77.8	51	1.0	0.383	0.0	
59	54	52	1.0	0.318	0.0	56.2	40.8	68.0	79.3	59		1.0	0.255	0.0	52.4	45.9	63.1	78.0	54	1.0	0.4	0.0		1.0	0.23	0.0	50.8	47.9	61.4	77.9	52	1.0	0.4	0.0	
60	55	53	1.0	0.331	0.0	57.0	39.8	68.9	79.5	60		1.0	0.268	0.0	53.2	44.9	64.1	78.3	55	1.0	0.417	0.0		1.0	0.242	0.0	51.6	46.9	62.2	77.9	53	1.0	0.417	0.0	
61	56	54	1.0	0.344	0.0	57.8	38.7	69.8	79.8	61		1.0	0.28	0.0	53.9	43.9	65.1	78.5	56	1.0	0.433	0.0		1.0	0.255	0.0	52.4	45.9	63.1	78.0	54	1.0	0.433	0.0	
62	57	56	1.0	0.356	0.0	58.5	37.6	70.7	80.0	62		1.0	0.293	0.0	54.7	42.9	66.1	78.8	57	1.0	0.45	0.0		1.0	0.28	0.0	53.9	43.9	65.1	78.5	56	1.0	0.45	0.0	
63	58	57	1.0	0.369	0.0	59.3	36.4	71.5	80.3	63		1.0	0.306	0.0	55.5	41.9	67.0	79.0	58	1.0	0.467	0.0		1.0	0.293	0.0	54.7	42.9	66.1	78.8	57	1.0	0.467	0.0	
64	59	58	1.0	0.382	0.0	60.1	35.4	72.5	80.7	64		1.0	0.318	0.0	56.2	40.8	68.0	79.3	59	1.0	0.483	0.0		1.0	0.306	0.0	55.5	41.9	67.0	79.0	58	1.0	0.483	0.0	
65	60	59	1.0	0.395	0.0	60.9	34.3	73.6	81.3	65		1.0	0.331	0.0	57.0	39.8	68.9	79.5	60	1.0	0.5	0.0		1.0	0.318	0.0	56.2	40.8	68.0	79.3	59	1.0	0.5	0.0	
66	61	60	1.0	0.408	0.0	61.7	33.3	74.7	81.8	66		1.0	0.344	0.0	57.8	38.7	69.8	79.8	61	1.0	0.517	0.0		1.0	0.331	0.0	57.0	39.8	68.9	79.5	60	1.0	0.517	0.0	
67	62	61	1.0	0.42	0.0	62.5	32.2	75.8	82.4	67		1.0	0.356	0.0	58.5	37.6	70.7	80.0	62	1.0	0.533	0.0		1.0	0.344	0.0	57.8	38.7	69.8	79.8	61	1.0	0.533	0.0	
68	63	62	1.0	0.433	0.0	63.4	31.1	76.9	83.0	68		1.0	0.369	0.0	59.3	36.4	71.5	80.3	63	1.0	0.55	0.0		1.0	0.356	0.0	58.5	37.6	70.7	80.0	62	1.0	0.55	0.0	
69	64	63	1.0	0.446	0.0	64.2	29.9	78.0	83.5	69		1.0	0.382	0.0	60.1	35.4	72.5	80.7	64	1.0	0.567	0.0		1.0	0.369	0.0	59.3	36.4	71.5	80.3	63	1.0	0.567	0.0	
70	65	64	1.0	0.459	0.0	65.0	28.8	79.0	84.1	70		1.0	0.395	0.0	60.9	34.3	73.6	81.3	65	1.0	0.583	0.0		1.0	0.382	0.0	60.1	35.4	72.5	80.7	64	1.0	0.583	0.0	
71	66	66	1.0	0.472	0.0	65.8	27.6	80.1	84.7	71		1.0	0.408	0.0	61.7	33.3	74.7	81.8	66	1.0	0.6	0.0		1.0	0.408	0.0	61.7	33.3	74.7	81.8	66	1.0	0.6	0.0	
72	67	67	1.0	0.485	0.0	66.6	26.3	81.1	85.2	72		1.0	0.42	0.0	62.5	32.2	75.8	82.4	67	1.0	0.617	0.0		1.0	0.42	0.0	62.5	32.2	75.8	82.4	67	1.0	0.617	0.0	
73	68	68	1.0	0.498	0.0	67.4	25.1	82.1	85.8	73		1.0	0.433	0.0	63.4	31.1	76.9	83.0	68	1.0	0.633	0.0		1.0	0.433	0.0	63.4	31.1	76.9	83.0	68	1.0	0.633	0.0	
74	69	69	1.0	0.515	0.0	68.4	23.9	83.3	86.7	74		1.0	0.446	0.0	64.2	29.9	78.0	83.5	69	1.0	0.65	0.0		1.0	0.446	0.0	64.2	29.9	78.0	83.5	69	1.0	0.65	0.0	
75	70	70	1.0	0.533	0.0	69.3	22.7	84.7	87.6	75		1.0	0.459	0.0	65.0	28.8	79.0	84.1	70	1.0	0.667	0.0		1.0	0.459	0.0	65.0	28.8	79.0	84.1	70	1.0	0.667	0.0	
76	71	71	1.0	0.55	0.0	70.3	21.4	86.0	88.6	76		1.0	0.472	0.0	65.8	27.6	80.1	84.7	71	1.0	0.683	0.0		1.0	0.472	0.0	65.8	27.6	80.1	84.7	71	1.0	0.683	0.0	
77	72	72	1.0	0.568	0.0	71.2	20.1	87.2	89.5	77		1.0	0.485	0.0	66.6	26.3	81.1	85.2	72	1.0	0.7	0.0		1.0	0.485	0.0	66.6	26.3	81.1	85.2	72	1.0	0.7	0.0	
78	73	73	1.0	0.585	0.0	72.2	18.8	88.5	90.5	78		1.0	0.498	0.0	67.4	25.1	82.1	85.8	73	1.0	0.717	0.0		1.0	0.498	0.0	67.4	25.1	82.1	85.8	73	1.0	0.717	0.0	
79	74	74	1.0	0.603	0.0	73.1	17.4	89.7	91.4	79		1.0	0.515	0.0	68.4	23.9	83.3	86.7	74	1.0	0.733	0.0		1.0	0.515	0.0	68.4	23.9	83.3	86.7	74	1.0	0.733	0.0	
80	75	76	1.0	0.621	0.0	74.1	16.0	91.0	92.4	80		1.0	0.533	0.0	69.3	22.7	84.7	87.6	75	1.0	0.75	0.0		1.0	0.55	0.0	70.3	21.4	86.0	88.6	76	1.0	0.75	0.0	

*rgb**dd *rgb**ds *rgb**de

Data of Maximum color M in colorimetric system photo printer FRS09_91; no separation, 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*: $h_{ab,d}$ = 35.7, 89.5, 143.6, 221.6, 305.4, 339.1; 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		
80	75	76	1.0	0.621	0.0	74.1	16.0	91.0	92.4	80	1.0	0.533	0.0	69.3	22.7	84.7	87.6	75	1.0	0.75	0.0	1.0	0.55	0.0	70.3	21.4	86.0	88.6	76	1.0	0.75	0.0
81	76	77	1.0	0.643	0.0	75.2	14.6	92.5	93.6	81	1.0	0.55	0.0	70.3	21.4	86.0	88.6	76	1.0	0.767	0.0	1.0	0.568	0.0	71.2	20.1	87.2	89.5	77	1.0	0.767	0.0
82	77	78	1.0	0.666	0.0	76.3	13.2	94.0	94.9	82	1.0	0.568	0.0	71.2	20.1	87.2	89.5	77	1.0	0.783	0.0	1.0	0.585	0.0	72.2	18.8	88.5	90.5	78	1.0	0.783	0.0
83	78	79	1.0	0.69	0.0	77.4	11.7	95.5	96.3	83	1.0	0.585	0.0	72.2	18.8	88.5	90.5	78	1.0	0.8	0.0	1.0	0.603	0.0	73.1	17.4	89.7	91.4	79	1.0	0.8	0.0
84	79	80	1.0	0.714	0.0	78.5	10.2	97.1	97.6	84	1.0	0.603	0.0	73.1	17.4	89.7	91.4	79	1.0	0.817	0.0	1.0	0.621	0.0	74.1	16.0	91.0	92.4	80	1.0	0.817	0.0
85	80	81	1.0	0.737	0.0	79.6	8.6	98.5	98.9	85	1.0	0.621	0.0	74.1	16.0	91.0	92.4	80	1.0	0.833	0.0	1.0	0.643	0.0	75.2	14.6	92.5	93.6	81	1.0	0.833	0.0
86	81	82	1.0	0.765	0.0	80.7	7.0	100.2	100.4	86	1.0	0.643	0.0	75.2	14.6	92.5	93.6	81	1.0	0.85	0.0	1.0	0.666	0.0	76.3	13.2	94.0	94.9	82	1.0	0.85	0.0
87	82	83	1.0	0.798	0.0	82.0	5.3	102.1	102.2	87	1.0	0.666	0.0	76.3	13.2	94.0	94.9	82	1.0	0.867	0.0	1.0	0.69	0.0	77.4	11.7	95.5	96.3	83	1.0	0.867	0.0
88	83	85	1.0	0.831	0.0	83.3	3.6	103.9	104.0	88	1.0	0.69	0.0	77.4	11.7	95.5	96.3	83	1.0	0.883	0.0	1.0	0.737	0.0	79.6	8.6	98.5	98.9	85	1.0	0.883	0.0
89	84	86	1.0	0.864	0.0	84.5	1.8	105.7	105.7	89	J_d	1.0	0.714	0.0	78.5	10.2	97.1	97.6	84	1.0	0.9	0.0	1.0	0.765	0.0	80.7	7.0	100.2	100.4	86	1.0	0.9	0.0
90	85	87	0.873	1.0	0.0	84.5	0.0	105.9	105.9	90		1.0	0.737	0.0	79.6	8.6	98.5	98.9	85	1.0	0.917	0.0	1.0	0.798	0.0	82.0	5.3	102.1	102.2	87	1.0	0.917	0.0
91	86	88	0.853	1.0	0.0	83.8	−1.7	104.8	104.8	91		1.0	0.765	0.0	80.7	7.0	100.2	100.4	86	1.0	0.933	0.0	1.0	0.831	0.0	83.3	3.6	103.9	104.0	88	1.0	0.933	0.0
92	87	89	0.832	1.0	0.0	83.0	−3.5	103.6	103.7	92		1.0	0.798	0.0	82.0	5.3	102.1	102.2	87	1.0	0.95	0.0	1.0	0.864	0.0	84.5	1.8	105.7	105.7	89	1.0	0.95	0.0
93	88	90	0.811	1.0	0.0	82.2	−5.3	102.4	102.6	93		1.0	0.831	0.0	83.3	3.6	103.9	104.0	88	1.0	0.967	0.0	0.873	1.0	0.0	84.5	0.0	105.9	105.9	90	1.0	0.967	0.0
94	89	91	0.79	1.0	0.0	81.5	−7.0	101.2	101.5	94		1.0	0.864	0.0	84.5	1.8	105.7	105.7	89	1.0	0.983	0.0	0.853	1.0	0.0	83.8	−1.7	104.8	104.8	91	1.0	0.983	0.0
95	90	92	0.769	1.0	0.0	80.7	−8.7	100.0	100.4	95		0.873	1.0	0.0	84.5	0.0	105.9	105.9	90	1.0	1.0	0.0	J_s	0.832	1.0	0.0	83.0	−3.5	103.6	103.7	92	1.0	1.0	0.0	J_e
96	91	93	0.749	1.0	0.0	80.0	−10.3	98.8	99.3	96		0.853	1.0	0.0	83.8	−1.7	104.8	104.8	91	0.983	1.0	0.0	0.811	1.0	0.0	82.2	−5.3	102.4	102.6	93	0.983	1.0	0.0
97	92	95	0.734	1.0	0.0	79.2	−11.9	97.7	98.4	97		0.832	1.0	0.0	83.0	−3.5	103.6	103.7	92	0.967	1.0	0.0	0.769	1.0	0.0	80.7	−8.7	100.0	100.4	95	0.967	1.0	0.0
98	93	96	0.719	1.0	0.0	78.4	−13.5	96.5	97.4	98		0.811	1.0	0.0	82.2	−5.3	102.4	102.6	93	0.95	1.0	0.0	0.749	1.0	0.0	80.0	−10.3	98.8	99.3	96	0.95	1.0	0.0
99	94	97	0.705	1.0	0.0	77.6	−15.0	95.3	96.5	99		0.79	1.0	0.0	81.5	−7.0	101.2	101.5	94	0.933	1.0	0.0	0.734	1.0	0.0	79.2	−11.9	97.7	98.4	97	0.933	1.0	0.0
100	95	98	0.69	1.0	0.0	76.8	−16.5	94.1	95.6	100		0.769	1.0	0.0	80.7	−8.7	100.0	100.4	95	0.917	1.0	0.0	0.719	1.0	0.0	78.4	−13.5	96.5	97.4	98	0.917	1.0	0.0
101	96	99	0.675	1.0	0.0	76.0	−18.0	92.9	94.6	101		0.749	1.0	0.0	80.0	−10.3	98.8	99.3	96	0.9	1.0	0.0	0.705	1.0	0.0	77.6	−15.0	95.3	96.5	99	0.9	1.0	0.0
102	97	100	0.661	1.0	0.0	75.2	−19.4	91.6	93.7	102		0.734	1.0	0.0	79.2	−11.9	97.7	98.4	97	0.883	1.0	0.0	0.69	1.0	0.0	76.8	−16.5	94.1	95.6	100	0.883	1.0	0.0
103	98	102	0.646	1.0	0.0	74.4	−20.8	90.4	92.7	103		0.719	1.0	0.0	78.4	−13.5	96.5	97.4	98	0.867	1.0	0.0	0.661	1.0	0.0	75.2	−19.4	91.6	93.7	102	0.867	1.0	0.0
104	99	103	0.631	1.0	0.0	73.6	−22.1	89.1	91.8	104		0.705	1.0	0.0	77.6	−15.0	95.3	96.5	99	0.85	1.0	0.0	0.646	1.0	0.0	74.4	−20.8	90.4	92.7	103	0.85	1.0	0.0
105	100	104	0.617	1.0	0.0	72.8	−23.5	87.9	91.0	105		0.69	1.0	0.0	76.8	−16.5	94.1	95.6	100	0.833	1.0	0.0	0.631	1.0	0.0	73.6	−22.1	89.1	91.8	104	0.833	1.0	0.0
106	101	105	0.602	1.0	0.0	72.0	−24.8	86.8	90.3	106		0.675	1.0	0.0	76.0	−18.0	92.9	94.6	101	0.817	1.0	0.0	0.617	1.0	0.0	72.8	−23.5	87.9	91.0	105	0.817	1.0	0.0
107	102	106	0.587	1.0	0.0	71.2	−26.1	85.6	89.5	107		0.661	1.0	0.0	75.2	−19.4	91.6	93.7	102	0.8	1.0	0.0	0.602	1.0	0.0	72.0	−24.8	86.8	90.3	106	0.8	1.0	0.0
108	103	107	0.573	1.0	0.0	70.4	−27.3	84.4	88.8	108		0.646	1.0	0.0	74.4	−20.8	90.4	92.7	103	0.783	1.0	0.0	0.587	1.0	0.0	71.2	−26.1	85.6	89.5	107	0.783	1.0	0.0
109	104	109	0.558	1.0	0.0	69.6	−28.6	83.3	88.1	109		0.631	1.0	0.0	73.6	−22.1	89.1	91.8	104	0.767	1.0	0.0	0.558	1.0	0.0	69.6	−28.6	83.3	88.1	109	0.767	1.0	0.0
110	105	110	0.543	1.0	0.0	68.8	−29.8	82.1	87.3	110		0.617	1.0	0.0	72.8	−23.5	87.9	91.0	105	0.75	1.0	0.0	0.543	1.0	0.0	68.8	−29.8	82.1	87.3	110	0.75	1.0	0.0
111	106	111	0.529	1.0	0.0	68.1	−30.9	80.8	86.6	111		0.602	1.0	0.0	72.0	−24.8	86.8	90.3	106	0.733	1.0	0.0	0.529	1.0	0.0	68.1	−30.9	80.8	86.6	111	0.733	1.0	0.0
112	107	112	0.514	1.0	0.0	67.3	−32.1	79.6	85.9	112		0.587	1.0	0.0	71.2	−26.1	85.6	89.5	107	0.717	1.0	0.0	0.514	1.0	0.0	67.3	−32.1	79.6	85.9	112	0.717	1.0	0.0
113	108	113	0.5	1.0	0.0	66.5	−33.2	78.4	85.1	113		0.573	1.0	0.0	70.4	−27.3	84.4	88.8	108	0.7	1.0	0.0	0.5	1.0	0.0	66.5	−33.2	78.4	85.1	113	0.7	1.0	0.0
114	109	114	0.484	1.0	0.0	65.8	−34.3	77.3	84.7	114		0.558	1.0	0.0	69.6	−28.6	83.3	88.1	109	0.683	1.0	0.0	0.484	1.0	0.0	65.8	−34.3	77.3	84.7	114	0.683	1.0	0.0
115	110	116	0.468	1.0	0.0	65.1	−35.5	76.3	84.2	115		0.543	1.0	0.0	68.8	−29.8	82.1	87.3	110	0.667	1.0	0.0	0.452	1.0	0.0	64.3	−36.6	75.2	83.7	116	0.667	1.0	0.0
116	111	117	0.452	1.0	0.0	64.3	−36.6	75.2	83.7	116		0.529	1.0	0.0	68.1	−30.9	80.8	86.6	111	0.65	1.0	0.0	0.436	1.0	0.0	63.6	−37.7	74.1	83.2	117	0.65	1.0	0.0
117	112	118	0.436	1.0	0.0	63.6	−37.7	74.1	83.2	117		0.514	1.0	0.0	67.3	−32.1	79.6	85.9	112	0.633	1.0	0.0	0.42	1.0	0.0	62.9	−38.7	73.0	82.7	118	0.633	1.0	0.0
118	113	119	0.42	1.0	0.0	62.9	−38.7	73.0	82.7	118		0.5	1.0	0.0	66.5	−33.2	78.4	85.1	113	0.617	1.0	0.0	0.404	1.0	0.0	62.2	−39.8	71.9	82.2	119	0.617	1.0	0.0
119	114	120	0.404	1.0	0.0	62.2	−39.8	71.9	82.2	119		0.484	1.0	0.0	65.8	−34.3	77.3	84.7	114	0.6	1.0	0.0	0.388	1.0	0.0	61.5	−40.8	70.8	81.7	120	0.6	1.0	0.0
120	115	121	0.388	1.0	0.0	61.5	−40.8	70.8	81.7	120		0.468	1.0	0.0	65.1	−35.5	76.3	84.2	115	0.583	1.0	0.0	0.372	1.0	0.0	60.7	−41.8	69.7	81.3	121	0.583	1.0	0.0
121	116	123	0.372	1.0	0.0	60.7	−41.8	69.7	81.3	121		0.452	1.0	0.0	64.3	−36.6	75.2	83.7	116	0.567	1.0	0.0	0.338	1.0	0.0	59.3	−43.9	67.7	80.7	123	0.567	1.0	0.0
122	117	124	0.355	1.0	0.0	60.0	−42.8	68.7	81.0	122		0.436	1.0	0.0	63.6	−37.7	74.1	83.2	117	0.55	1.0	0.0	0.321	1.0	0.0	58.6	−44.9	66.7	80.4	124	0.55	1.0	0.0
123	118	125	0.338	1.0	0.0	59.3	−43.9	67.7	80.7	123		0.42	1.0	0.0	62.9	−38.7	73.0	82.7	118	0.533	1.0	0.0	0.304	1.0	0.0	57.9	−45.9	65.7	80.1	125	0.533	1.0	0.0
124	119	126	0.321	1.0	0.0	58.6	−44.9	66.7	80.4	124		0.404	1.0	0.0	62.2	−39.8	71.9	82.2	119	0.517	1.0	0.0	0.287	1.0	0.0	57.3	−46.8	64.6	79.9	126	0.517	1.0	0.0
125	120	127	0.304	1.0	0.0	57.9	−45.9	65.7	80.1	125		0.388	1.0	0.0	61.5	−40.8	70.8	81.7	120	0.5	1.0	0.0	0.27	1.0	0.0	56.6	−47.8	63.6	79.6	127	0.5	1.0	0.0

*rgb**dd *rgb**ds *rgb**de

Data of Maximum color M in colorimetric system photo printer FRS09_91; no separation, 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*: $h_{ab,d}$ = 35.7, 89.5, 143.6, 221.6, 305.4, 339.1; 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
125	120	127	0.304	1.0	0.0	57.9	−45.9	65.7	80.1	125	0.388	1.0	0.0	61.5	−40.8	70.8	81.7	120	0.5	1.0	0.0	0.27	1.0	0.0	56.6	−47.8	63.6	79.6	127	0.5	1.0	0.0	
126	121	128	0.287	1.0	0.0	57.3	−46.8	64.6	79.9	126	0.372	1.0	0.0	60.7	−41.8	69.7	81.3	121	0.483	1.0	0.0	0.253	1.0	0.0	55.9	−48.7	62.5	79.3	128	0.483	1.0	0.0	
127	122	130	0.27	1.0	0.0	56.6	−47.8	63.6	79.6	127	0.355	1.0	0.0	60.0	−42.8	68.7	81.0	122	0.467	1.0	0.0	0.221	1.0	0.0	54.3	−50.5	60.4	78.8	130	0.467	1.0	0.0	
128	123	131	0.253	1.0	0.0	55.9	−48.7	62.5	79.3	128	0.338	1.0	0.0	59.3	−43.9	67.7	80.7	123	0.45	1.0	0.0	0.206	1.0	0.0	53.5	−51.4	59.3	78.6	131	0.45	1.0	0.0	
129	124	132	0.237	1.0	0.0	55.1	−49.6	61.4	79.0	129	0.321	1.0	0.0	58.6	−44.9	66.7	80.4	124	0.433	1.0	0.0	0.19	1.0	0.0	52.7	−52.3	58.2	78.3	132	0.433	1.0	0.0	
130	125	133	0.221	1.0	0.0	54.3	−50.5	60.4	78.8	130	0.304	1.0	0.0	57.9	−45.9	65.7	80.1	125	0.417	1.0	0.0	0.175	1.0	0.0	51.9	−53.1	57.1	78.1	133	0.417	1.0	0.0	
131	126	134	0.206	1.0	0.0	53.5	−51.4	59.3	78.6	131	0.287	1.0	0.0	57.3	−46.8	64.6	79.9	126	0.4	1.0	0.0	0.159	1.0	0.0	51.1	−54.0	56.0	77.8	134	0.4	1.0	0.0	
132	127	135	0.19	1.0	0.0	52.7	−52.3	58.2	78.3	132	0.27	1.0	0.0	56.6	−47.8	63.6	79.6	127	0.383	1.0	0.0	0.144	1.0	0.0	50.3	−54.8	54.9	77.6	135	0.383	1.0	0.0	
133	128	137	0.175	1.0	0.0	51.9	−53.1	57.1	78.1	133	0.253	1.0	0.0	55.9	−48.7	62.5	79.3	128	0.367	1.0	0.0	0.111	1.0	0.0	48.7	−56.3	52.6	77.1	137	0.367	1.0	0.0	
134	129	138	0.159	1.0	0.0	51.1	−54.0	56.0	77.8	134	0.237	1.0	0.0	55.1	−49.6	61.4	79.0	129	0.35	1.0	0.0	0.095	1.0	0.0	47.9	−57.0	51.4	76.8	138	0.35	1.0	0.0	
135	130	139	0.144	1.0	0.0	50.3	−54.8	54.9	77.6	135	0.221	1.0	0.0	54.3	−50.5	60.4	78.8	130	0.333	1.0	0.0	0.078	1.0	0.0	47.0	−57.7	50.2	76.6	139	0.333	1.0	0.0	
136	131	140	0.128	1.0	0.0	49.5	−55.5	53.7	77.3	136	0.206	1.0	0.0	53.5	−51.4	59.3	78.6	131	0.317	1.0	0.0	0.061	1.0	0.0	46.2	−58.3	49.0	76.3	140	0.317	1.0	0.0	
137	132	141	0.111	1.0	0.0	48.7	−56.3	52.6	77.1	137	0.19	1.0	0.0	52.7	−52.3	58.2	78.3	132	0.3	1.0	0.0	0.044	1.0	0.0	45.3	−59.0	47.8	76.0	141	0.3	1.0	0.0	
138	133	142	0.095	1.0	0.0	47.9	−57.0	51.4	76.8	138	0.175	1.0	0.0	51.9	−53.1	57.1	78.1	133	0.283	1.0	0.0	0.027	1.0	0.0	44.5	−59.6	46.6	75.8	142	0.283	1.0	0.0	
139	134	144	0.078	1.0	0.0	47.0	−57.7	50.2	76.6	139	0.159	1.0	0.0	51.1	−54.0	56.0	77.8	134	0.267	1.0	0.0	0.0	1.0	0.004	43.1	−60.6	44.1	75.1	144	0.267	1.0	0.0	
140	135	145	0.061	1.0	0.0	46.2	−58.3	49.0	76.3	140	0.144	1.0	0.0	50.3	−54.8	54.9	77.6	135	0.25	1.0	0.0	0.0	1.0	0.013	43.3	−60.8	42.7	74.4	145	0.25	1.0	0.0	
141	136	146	0.044	1.0	0.0	45.3	−59.0	47.8	76.0	141	0.128	1.0	0.0	49.5	−55.5	53.7	77.3	136	0.233	1.0	0.0	0.0	1.0	0.022	43.4	−61.0	41.2	73.7	146	0.233	1.0	0.0	
142	137	147	0.027	1.0	0.0	44.5	−59.6	46.6	75.8	142	0.111	1.0	0.0	48.7	−56.3	52.6	77.1	137	0.217	1.0	0.0	0.0	1.0	0.032	43.6	−61.1	39.8	73.0	147	0.217	1.0	0.0	
143	138	148	0.01	1.0	0.0	43.6	−60.2	45.4	75.5	143 G_d	0.095	1.0	0.0	47.9	−57.0	51.4	76.8	138	0.2	1.0	0.0	0.0	1.0	0.041	43.7	−61.2	38.3	72.3	148	0.2	1.0	0.0	
144	139	149	0.0	1.0	0.004	43.1	−60.6	44.1	75.1	144	0.078	1.0	0.0	47.0	−57.7	50.2	76.6	139	0.183	1.0	0.0	0.0	1.0	0.051	43.9	−61.3	36.9	71.6	149	0.183	1.0	0.0	
145	140	151	0.0	1.0	0.013	43.3	−60.8	42.7	74.4	145	0.061	1.0	0.0	46.2	−58.3	49.0	76.3	140	0.167	1.0	0.0	0.0	1.0	0.07	44.2	−61.4	34.1	70.3	151	0.167	1.0	0.0	
146	141	152	0.0	1.0	0.022	43.4	−61.0	41.2	73.7	146	0.044	1.0	0.0	45.3	−59.0	47.8	76.0	141	0.15	1.0	0.0	0.0	1.0	0.079	44.3	−61.3	32.7	69.6	152	0.15	1.0	0.0	
147	142	153	0.0	1.0	0.032	43.6	−61.1	39.8	73.0	147	0.027	1.0	0.0	44.5	−59.6	46.6	75.8	142	0.133	1.0	0.0	0.0	1.0	0.088	44.5	−61.3	31.3	68.9	153	0.133	1.0	0.0	
148	143	154	0.0	1.0	0.041	43.7	−61.2	38.3	72.3	148	0.01	1.0	0.0	43.6	−60.2	45.4	75.5	143	0.117	1.0	0.0	0.0	1.0	0.098	44.6	−61.2	29.9	68.2	154	0.117	1.0	0.0	
149	144	155	0.0	1.0	0.051	43.9	−61.3	36.9	71.6	149	0.0	1.0	0.004	43.1	−60.6	44.1	75.1	144	0.1	1.0	0.0	0.0	1.0	0.107	44.8	−61.1	28.5	67.5	155	0.1	1.0	0.0	
150	145	156	0.0	1.0	0.06	44.0	−61.4	35.5	71.0	150	0.0	1.0	0.013	43.3	−60.8	42.7	74.4	145	0.083	1.0	0.0	0.0	1.0	0.117	44.9	−61.0	27.2	66.9	156	0.083	1.0	0.0	
151	146	158	0.0	1.0	0.07	44.2	−61.4	34.1	70.3	151	0.0	1.0	0.022	43.4	−61.0	41.2	73.7	146	0.067	1.0	0.0	0.0	1.0	0.139	45.2	−60.7	24.6	65.6	158	0.067	1.0	0.0	
152	147	159	0.0	1.0	0.079	44.3	−61.3	32.7	69.6	152	0.0	1.0	0.032	43.6	−61.1	39.8	73.0	147	0.05	1.0	0.0	0.0	1.0	0.151	45.3	−60.6	23.3	65.0	159	0.05	1.0	0.0	
153	148	160	0.0	1.0	0.088	44.5	−61.3	31.3	68.9	153	0.0	1.0	0.041	43.7	−61.2	38.3	72.3	148	0.033	1.0	0.0	0.0	1.0	0.163	45.5	−60.5	22.0	64.4	160	0.033	1.0	0.0	
154	149	161	0.0	1.0	0.098	44.6	−61.2	29.9	68.2	154	0.0	1.0	0.051	43.9	−61.3	36.9	71.6	149	0.017	1.0	0.0	0.0	1.0	0.176	45.6	−60.3	20.8	63.9	161	0.017	1.0	0.0	
155	150	162	0.0	1.0	0.107	44.8	−61.1	28.5	67.5	155	0.0	1.0	0.06	44.0	−61.4	35.5	71.0	150	0.0	1.0	0.0 G_s	0.0	1.0	0.188	45.7	−60.1	19.6	63.3	162	0.0	1.0	0.0 G_e	
156	151	163	0.0	1.0	0.117	44.9	−61.0	27.2	66.9	156	0.0	1.0	0.07	44.2	−61.4	34.1	70.3	151	0.0	1.0	0.017	0.0	1.0	0.2	45.8	−59.9	18.3	62.7	163	0.0	1.0	0.017	
157	152	164	0.0	1.0	0.127	45.1	−60.8	25.9	66.2	157	0.0	1.0	0.079	44.3	−61.3	32.7	69.6	152	0.0	1.0	0.033	0.0	1.0	0.212	46.0	−59.6	17.1	62.1	164	0.0	1.0	0.033	
158	153	165	0.0	1.0	0.139	45.2	−60.7	24.6	65.6	158	0.0	1.0	0.088	44.5	−61.3	31.3	68.9	153	0.0	1.0	0.05	0.0	1.0	0.225	46.1	−59.4	15.9	61.6	165	0.0	1.0	0.05	
159	154	166	0.0	1.0	0.151	45.3	−60.6	23.3	65.0	159	0.0	1.0	0.098	44.6	−61.2	29.9	68.2	154	0.0	1.0	0.067	0.0	1.0	0.237	46.2	−59.1	14.8	61.0	166	0.0	1.0	0.067	
160	155	167	0.0	1.0	0.163	45.5	−60.5	22.0	64.4	160	0.0	1.0	0.107	44.8	−61.1	28.5	67.5	155	0.0	1.0	0.083	0.0	1.0	0.249	46.3	−58.8	13.6	60.4	167	0.0	1.0	0.083	
161	156	168	0.0	1.0	0.176	45.6	−60.3	20.8	63.9	161	0.0	1.0	0.117	44.9	−61.0	27.2	66.9	156	0.0	1.0	0.1	0.0	1.0	0.261	46.4	−58.5	12.5	59.9	168	0.0	1.0	0.1	
162	157	169	0.0	1.0	0.188	45.7	−60.1	19.6	63.3	162	0.0	1.0	0.127	45.1	−60.8	25.9	66.2	157	0.0	1.0	0.117	0.0	1.0	0.273	46.5	−58.3	11.4	59.5	169	0.0	1.0	0.117	
163	158	170	0.0	1.0	0.2	45.8	−59.9	18.3	62.7	163	0.0	1.0	0.139	45.2	−60.7	24.6	65.6	158	0.0	1.0	0.133	0.0	1.0	0.285	46.6	−58.0	10.3	59.0	170	0.0	1.0	0.133	
164	159	170	0.0	1.0	0.212	46.0	−59.6	17.1	62.1	164	0.0	1.0	0.151	45.3	−60.6	23.3	65.0	159	0.0	1.0	0.15	0.0	1.0	0.285	46.6	−58.0	10.3	59.0	170	0.0	1.0	0.15	
165	160	171	0.0	1.0	0.225	46.1	−59.4	15.9	61.6	165	0.0	1.0	0.163	45.5	−60.5	22.0	64.4	160	0.0	1.0	0.167	0.0	1.0	0.297	46.7	−57.8	9.2	58.6	171	0.0	1.0	0.167	
166	161	172	0.0	1.0	0.237	46.2	−59.1	14.8	61.0	166	0.0	1.0	0.176	45.6	−60.3	20.8	63.9	161	0.0	1.0	0.183	0.0	1.0	0.309	46.8	−57.5	8.1	58.1	172	0.0	1.0	0.183	
167	162	173	0.0	1.0	0.249	46.3	−58.8	13.6	60.4	167	0.0	1.0	0.188	45.7	−60.1	19.6	63.3	162	0.0	1.0	0.2	0.0	1.0	0.321	46.9	−57.1	7.0	57.7	173	0.0	1.0	0.2	
168	163	174	0.0	1.0	0.261	46.4	−58.5	12.5	59.9	168	0.0	1.0	0.2	45.8	−59.9	18.3	62.7	163	0.0	1.0	0.217	0.0	1.0	0.333	47.0	−56.8	6.0	57.2	174	0.0	1.0	0.217	
169	164	175	0.0	1.0	0.273	46.5	−58.3	11.4	59.5	169	0.0	1.0	0.212	46.0	−59.6	17.1	62.1	164	0.0	1.0	0.233	0.0	1.0	0.345	47.0	−56.5	4.9	56.8	175	0.0	1.0	0.233	
170	165	176	0.0	1.0	0.285	46.6	−58.0	10.3	59.0	170	0.0	1.0	0.225	46.1	−59.4	15.9	61.6	165	0.0	1.0	0.25	0.0	1.0	0.357	47.1	−56.1	3.9	56.3	176	0.0	1.0	0.25	

Data of Maximum color M in colorimetric system photo printer FRS09_91; no separation, 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*: $h_{ab,d}$ = 35.7, 89.5, 143.6, 221.6, 305.4, 339.1; 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
170	165	176	0.0	1.0	0.285	46.6	−58.0	10.3	59.0	170	0.0	1.0	0.225	46.1	−59.4	15.9	61.6	165	0.0	1.0	0.25	0.0	1.0	0.357	47.1	−56.1	3.9	56.3	176	0.0	1.0	0.25			
171	166	177	0.0	1.0	0.297	46.7	−57.8	9.2	58.6	171	0.0	1.0	0.237	46.2	−59.1	14.8	61.0	166	0.0	1.0	0.267	0.0	1.0	0.369	47.2	−55.7	2.9	55.9	177	0.0	1.0	0.267			
172	167	178	0.0	1.0	0.309	46.8	−57.5	8.1	58.1	172	0.0	1.0	0.249	46.3	−58.8	13.6	60.4	167	0.0	1.0	0.283	0.0	1.0	0.38	47.3	−55.4	1.9	55.5	178	0.0	1.0	0.283			
173	168	179	0.0	1.0	0.321	46.9	−57.1	7.0	57.7	173	0.0	1.0	0.261	46.4	−58.5	12.5	59.9	168	0.0	1.0	0.3	0.0	1.0	0.391	47.4	−55.1	1.0	55.2	179	0.0	1.0	0.3			
174	169	180	0.0	1.0	0.333	47.0	−56.8	6.0	57.2	174	0.0	1.0	0.273	46.5	−58.3	11.4	59.5	169	0.0	1.0	0.317	0.0	1.0	0.401	47.5	−54.8	0.0	54.9	180	0.0	1.0	0.317			
175	170	180	0.0	1.0	0.345	47.0	−56.5	4.9	56.8	175	0.0	1.0	0.285	46.6	−58.0	10.3	59.0	170	0.0	1.0	0.333	0.0	1.0	0.401	47.5	−54.8	0.0	54.9	180	0.0	1.0	0.333			
176	171	181	0.0	1.0	0.357	47.1	−56.1	3.9	56.3	176	0.0	1.0	0.297	46.7	−57.8	9.2	58.6	171	0.0	1.0	0.35	0.0	1.0	0.411	47.6	−54.5	−0.9	54.6	181	0.0	1.0	0.35			
177	172	182	0.0	1.0	0.369	47.2	−55.7	2.9	55.9	177	0.0	1.0	0.309	46.8	−57.5	8.1	58.1	172	0.0	1.0	0.367	0.0	1.0	0.422	47.7	−54.1	−1.8	54.3	182	0.0	1.0	0.367			
178	173	183	0.0	1.0	0.38	47.3	−55.4	1.9	55.5	178	0.0	1.0	0.321	46.9	−57.1	7.0	57.7	173	0.0	1.0	0.383	0.0	1.0	0.432	47.8	−53.8	−2.7	54.0	183	0.0	1.0	0.383			
179	174	184	0.0	1.0	0.391	47.4	−55.1	1.0	55.2	179	0.0	1.0	0.333	47.0	−56.8	6.0	57.2	174	0.0	1.0	0.4	0.0	1.0	0.442	47.9	−53.4	−3.6	53.6	184	0.0	1.0	0.4			
180	175	185	0.0	1.0	0.401	47.5	−54.8	0.0	54.9	180	0.0	1.0	0.345	47.0	−56.5	4.9	56.8	175	0.0	1.0	0.417	0.0	1.0	0.453	48.0	−53.0	−4.5	53.3	185	0.0	1.0	0.417			
181	176	186	0.0	1.0	0.411	47.6	−54.5	−0.9	54.6	181	0.0	1.0	0.357	47.1	−56.1	3.9	56.3	176	0.0	1.0	0.433	0.0	1.0	0.463	48.1	−52.6	−5.4	53.0	186	0.0	1.0	0.433			
182	177	187	0.0	1.0	0.422	47.7	−54.1	−1.8	54.3	182	0.0	1.0	0.369	47.2	−55.7	2.9	55.9	177	0.0	1.0	0.45	0.0	1.0	0.473	48.2	−52.2	−6.3	52.7	187	0.0	1.0	0.45			
183	178	188	0.0	1.0	0.432	47.8	−53.8	−2.7	54.0	183	0.0	1.0	0.38	47.3	−55.4	1.9	55.5	178	0.0	1.0	0.467	0.0	1.0	0.483	48.3	−51.8	−7.2	52.4	188	0.0	1.0	0.467			
184	179	189	0.0	1.0	0.442	47.9	−53.4	−3.6	53.6	184	0.0	1.0	0.391	47.4	−55.1	1.0	55.2	179	0.0	1.0	0.483	0.0	1.0	0.494	48.4	−51.4	−8.1	52.1	189	0.0	1.0	0.483			
185	180	190	0.0	1.0	0.453	48.0	−53.0	−4.5	53.3	185	0.0	1.0	0.401	47.5	−54.8	0.0	54.9	180	0.0	1.0	0.5	0.0	1.0	0.504	48.5	−51.0	−8.9	51.8	190	0.0	1.0	0.5			
186	181	191	0.0	1.0	0.463	48.1	−52.6	−5.4	53.0	186	0.0	1.0	0.411	47.6	−54.5	−0.9	54.6	181	0.0	1.0	0.517	0.0	1.0	0.513	48.6	−50.6	−9.8	51.7	191	0.0	1.0	0.517			
187	182	191	0.0	1.0	0.473	48.2	−52.2	−6.3	52.7	187	0.0	1.0	0.422	47.7	−54.1	−1.8	54.3	182	0.0	1.0	0.533	0.0	1.0	0.513	48.6	−50.6	−9.8	51.7	191	0.0	1.0	0.533			
188	183	192	0.0	1.0	0.483	48.3	−51.8	−7.2	52.4	188	0.0	1.0	0.432	47.8	−53.8	−2.7	54.0	183	0.0	1.0	0.55	0.0	1.0	0.522	48.7	−50.3	−10.6	51.5	192	0.0	1.0	0.55			
189	184	193	0.0	1.0	0.494	48.4	−51.4	−8.1	52.1	189	0.0	1.0	0.442	47.9	−53.4	−3.6	53.6	184	0.0	1.0	0.567	0.0	1.0	0.532	48.7	−49.9	−11.5	51.4	193	0.0	1.0	0.567			
190	185	194	0.0	1.0	0.504	48.5	−51.0	−8.9	51.8	190	0.0	1.0	0.453	48.0	−53.0	−4.5	53.3	185	0.0	1.0	0.583	0.0	1.0	0.541	48.8	−49.6	−12.3	51.2	194	0.0	1.0	0.583			
191	186	195	0.0	1.0	0.513	48.6	−50.6	−9.8	51.7	191	0.0	1.0	0.463	48.1	−52.6	−5.4	53.0	186	0.0	1.0	0.6	0.0	1.0	0.55	48.9	−49.2	−13.1	51.0	195	0.0	1.0	0.6			
192	187	196	0.0	1.0	0.522	48.7	−50.3	−10.6	51.5	192	0.0	1.0	0.473	48.2	−52.2	−6.3	52.7	187	0.0	1.0	0.617	0.0	1.0	0.56	49.0	−48.8	−13.9	50.9	196	0.0	1.0	0.617			
193	188	197	0.0	1.0	0.532	48.7	−49.9	−11.5	51.4	193	0.0	1.0	0.483	48.3	−51.8	−7.2	52.4	188	0.0	1.0	0.633	0.0	1.0	0.569	49.1	−48.4	−14.7	50.7	197	0.0	1.0	0.633			
194	189	198	0.0	1.0	0.541	48.8	−49.6	−12.3	51.2	194	0.0	1.0	0.494	48.4	−51.4	−8.1	52.1	189	0.0	1.0	0.65	0.0	1.0	0.578	49.1	−48.0	−15.5	50.5	198	0.0	1.0	0.65			
195	190	199	0.0	1.0	0.55	48.9	−49.2	−13.1	51.0	195	0.0	1.0	0.504	48.5	−51.0	−8.9	51.8	190	0.0	1.0	0.667	0.0	1.0	0.588	49.2	−47.5	−16.3	50.4	199	0.0	1.0	0.667			
196	191	200	0.0	1.0	0.56	49.0	−48.8	−13.9	50.9	196	0.0	1.0	0.513	48.6	−50.6	−9.8	51.7	191	0.0	1.0	0.683	0.0	1.0	0.597	49.3	−47.1	−17.1	50.2	200	0.0	1.0	0.683			
197	192	201	0.0	1.0	0.569	49.1	−48.4	−14.7	50.7	197	0.0	1.0	0.522	48.7	−50.3	−10.6	51.5	192	0.0	1.0	0.7	0.0	1.0	0.606	49.4	−46.6	−17.8	50.1	201	0.0	1.0	0.7			
198	193	201	0.0	1.0	0.578	49.1	−48.0	−15.5	50.5	198	0.0	1.0	0.532	48.7	−49.9	−11.5	51.4	193	0.0	1.0	0.717	0.0	1.0	0.606	49.4	−46.6	−17.8	50.1	201	0.0	1.0	0.717			
199	194	202	0.0	1.0	0.588	49.2	−47.5	−16.3	50.4	199	0.0	1.0	0.541	48.8	−49.6	−12.3	51.2	194	0.0	1.0	0.733	0.0	1.0	0.616	49.4	−46.2	−18.6	49.9	202	0.0	1.0	0.733			
200	195	203	0.0	1.0	0.597	49.3	−47.1	−17.1	50.2	200	0.0	1.0	0.55	48.9	−49.2	−13.1	51.0	195	0.0	1.0	0.75	0.0	1.0	0.625	49.5	−45.7	−19.3	49.7	203	0.0	1.0	0.75			
201	196	204	0.0	1.0	0.606	49.4	−46.6	−17.8	50.1	201	0.0	1.0	0.56	49.0	−48.8	−13.9	50.9	196	0.0	1.0	0.767	0.0	1.0	0.636	49.6	−45.3	−20.1	49.7	204	0.0	1.0	0.767			
202	197	205	0.0	1.0	0.616	49.4	−46.2	−18.6	49.9	202	0.0	1.0	0.569	49.1	−48.4	−14.7	50.7	197	0.0	1.0	0.783	0.0	1.0	0.647	49.7	−44.9	−20.9	49.7	205	0.0	1.0	0.783			
203	198	206	0.0	1.0	0.625	49.5	−45.7	−19.3	49.7	203	0.0	1.0	0.578	49.1	−48.0	−15.5	50.5	198	0.0	1.0	0.8	0.0	1.0	0.659	49.8	−44.5	−21.7	49.7	206	0.0	1.0	0.8			
204	199	207	0.0	1.0	0.636	49.6	−45.3	−20.1	49.7	204	0.0	1.0	0.588	49.2	−47.5	−16.3	50.4	199	0.0	1.0	0.817	0.0	1.0	0.67	49.8	−44.1	−22.4	49.6	207	0.0	1.0	0.817			
205	200	208	0.0	1.0	0.647	49.7	−44.9	−20.9	49.7	205	0.0	1.0	0.597	49.3	−47.1	−17.1	50.2	200	0.0	1.0	0.833	0.0	1.0	0.681	49.9	−43.7	−23.2	49.6	208	0.0	1.0	0.833			
206	201	209	0.0	1.0	0.659	49.8	−44.5	−21.7	49.7	206	0.0	1.0	0.606	49.4	−46.6	−17.8	50.1	201	0.0	1.0	0.85	0.0	1.0	0.692	50.0	−43.3	−23.9	49.6	209	0.0	1.0	0.85			
207	202	210	0.0	1.0	0.67	49.8	−44.1	−22.4	49.6	207	0.0	1.0	0.616	49.4	−46.2	−18.6	49.9	202	0.0	1.0	0.867	0.0	1.0	0.703	50.1	−42.8	−24.7	49.6	210	0.0	1.0	0.867			
208	203	211	0.0	1.0	0.681	49.9	−43.7	−23.2	49.6	208	0.0	1.0	0.625	49.5	−45.7	−19.3	49.7	203	0.0	1.0	0.883	0.0	1.0	0.714	50.2	−42.4	−25.4	49.5	211	0.0	1.0	0.883			
209	204	212	0.0	1.0	0.692	50.0	−43.3	−23.9	49.6	209	0.0	1.0	0.636	49.6	−45.3	−20.1	49.7	204	0.0	1.0	0.9	0.0	1.0	0.725	50.2	−41.9	−26.1	49.5	212	0.0	1.0	0.9			
210	205	212	0.0	1.0	0.703	50.1	−42.8	−24.7	49.6	210	0.0	1.0	0.647	49.7	−44.9	−20.9	49.7	205	0.0	1.0	0.917	0.0	1.0	0.725	50.2	−41.9	−26.1	49.5	212	0.0	1.0	0.917			
211	206	213	0.0	1.0	0.714	50.2	−42.4	−25.4	49.5	211	0.0	1.0	0.659	49.8	−44.5	−21.7	49.7	206	0.0	1.0	0.933	0.0	1.0	0.737	50.3	−41.4	−26.8	49.5	213	0.0	1.0	0.933			
212	207	214	0.0	1.0	0.725	50.2	−41.9	−26.1	49.5	212	0.0	1.0	0.67	49.8	−44.1	−22.4	49.6	207	0.0	1.0	0.95	0.0	1.0	0.748	50.4	−40.9	−27.6	49.5	214	0.0	1.0	0.95			
213	208	215	0.0	1.0	0.737	50.3	−41.4	−26.8	49.5	213	0.0	1.0	0.681	49.9	−43.7	−23.2	49.6	208	0.0	1.0	0.967	0.0	1.0	0.766	50.5	−40.5	−28.3	49.5	215	0.0	1.0	0.967			
214	209	216	0.0	1.0	0.748	50.4	−40.9	−27.6	49.5	214	0.0	1.0	0.692	50.0	−43.3	−23.9	49.6	209	0.0	1.0	0.983	0.0	1.0	0.785	50.5	−40.0	−29.0	49.6	216	0.0	1.0	0.983			
215	210	217	0.0	1.0	0.766	50.5	−40.5	−28.3	49.5	215	0.0	1.0	0.703	50.1	−42.8	−24.7	49.6	210	0.0	1.0	1.0C_s	0.0	1.0	0.805	50.6	−39.6	−29.8	49.7	217	0.0	1.0	1.0C_e			

Data of Maximum color M in colorimetric system photo printer FRS09_91; no separation, 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:* $h_{ab,d}$ = 35.7, 89.5, 143.6, 221.6, 305.4, 339.1; 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
215	210	217	0.0	1.0	0.766	50.5	−40.5	−28.3	49.5	215	0.0	1.0	0.703	50.1	−42.8	−24.7	49.6	210	0.0	1.0	1.0 C_s	0.0	1.0	0.805	50.6	−39.6	−29.8	49.7	217	0.0	1.0	1.0 C_e			
216	211	218	0.0	1.0	0.785	50.5	−40.0	−29.0	49.6	216	0.0	1.0	0.714	50.2	−42.4	−25.4	49.5	211	0.0	0.983	1.0	0.0	1.0	0.825	50.6	−39.1	−30.5	49.7	218	0.0	0.983	1.0			
217	212	219	0.0	1.0	0.805	50.6	−39.6	−29.8	49.7	217	0.0	1.0	0.725	50.2	−41.9	−26.1	49.5	212	0.0	0.967	1.0	0.0	1.0	0.844	50.7	−38.6	−31.2	49.8	219	0.0	0.967	1.0			
218	213	220	0.0	1.0	0.825	50.6	−39.1	−30.5	49.7	218	0.0	1.0	0.737	50.3	−41.4	−26.8	49.5	213	0.0	0.95	1.0	0.0	1.0	0.864	50.8	−38.1	−32.0	49.9	220	0.0	0.95	1.0			
219	214	221	0.0	1.0	0.844	50.7	−38.6	−31.2	49.8	219	0.0	1.0	0.748	50.4	−40.9	−27.6	49.5	214	0.0	0.933	1.0	0.0	1.0	0.928	50.8	−37.6	−32.7	50.0	221	0.0	0.933	1.0			
220	215	222	0.0	1.0	0.864	50.8	−38.1	−32.0	49.9	220	0.0	1.0	0.766	50.5	−40.5	−28.3	49.5	215	0.0	0.917	1.0	0.0	0.87	1.0	50.7	−37.0	−33.3	49.9	222	0.0	0.917	1.0			
221	216	222	0.0	1.0	0.928	50.8	−37.6	−32.7	50.0	221 C_d	0.0	1.0	0.785	50.5	−40.0	−29.0	49.6	216	0.0	0.9	1.0	0.0	0.87	1.0	50.7	−37.0	−33.3	49.9	222	0.0	0.9	1.0			
222	217	223	0.0	0.87	1.0	50.7	−37.0	−33.3	49.9	222	0.0	1.0	0.805	50.6	−39.6	−29.8	49.7	217	0.0	0.883	1.0	0.0	0.848	1.0	50.3	−36.1	−33.7	49.6	223	0.0	0.883	1.0			
223	218	224	0.0	0.848	1.0	50.3	−36.1	−33.7	49.6	223	0.0	1.0	0.825	50.6	−39.1	−30.5	49.7	218	0.0	0.867	1.0	0.0	0.826	1.0	49.9	−35.3	−34.1	49.2	224	0.0	0.867	1.0			
224	219	225	0.0	0.826	1.0	49.9	−35.3	−34.1	49.2	224	0.0	1.0	0.844	50.7	−38.6	−31.2	49.8	219	0.0	0.85	1.0	0.0	0.804	1.0	49.5	−34.5	−34.5	48.9	225	0.0	0.85	1.0			
225	220	226	0.0	0.804	1.0	49.5	−34.5	−34.5	48.9	225	0.0	1.0	0.864	50.8	−38.1	−32.0	49.9	220	0.0	0.833	1.0	0.0	0.781	1.0	49.1	−33.6	−34.8	48.5	226	0.0	0.833	1.0			
226	221	227	0.0	0.781	1.0	49.1	−33.6	−34.8	48.5	226	0.0	1.0	0.928	50.8	−37.6	−32.7	50.0	221	0.0	0.817	1.0	0.0	0.759	1.0	48.7	−32.8	−35.1	48.2	227	0.0	0.817	1.0			
227	222	228	0.0	0.759	1.0	48.7	−32.8	−35.1	48.2	227	0.0	0.87	1.0	50.7	−37.0	−33.3	49.9	222	0.0	0.8	1.0	0.0	0.742	1.0	48.3	−32.0	−35.5	47.9	228	0.0	0.8	1.0			
228	223	229	0.0	0.742	1.0	48.3	−32.0	−35.5	47.9	228	0.0	0.848	1.0	50.3	−36.1	−33.7	49.6	223	0.0	0.783	1.0	0.0	0.729	1.0	47.9	−31.2	−35.9	47.7	229	0.0	0.783	1.0			
229	224	230	0.0	0.729	1.0	47.9	−31.2	−35.9	47.7	229	0.0	0.826	1.0	49.9	−35.3	−34.1	49.2	224	0.0	0.767	1.0	0.0	0.715	1.0	47.6	−30.4	−36.3	47.5	230	0.0	0.767	1.0			
230	225	231	0.0	0.715	1.0	47.6	−30.4	−36.3	47.5	230	0.0	0.804	1.0	49.5	−34.5	−34.5	48.9	225	0.0	0.75	1.0	0.0	0.702	1.0	47.2	−29.7	−36.6	47.3	231	0.0	0.75	1.0			
231	226	232	0.0	0.702	1.0	47.2	−29.7	−36.6	47.3	231	0.0	0.781	1.0	49.1	−33.6	−34.8	48.5	226	0.0	0.733	1.0	0.0	0.689	1.0	46.8	−28.9	−37.0	47.1	232	0.0	0.733	1.0			
232	227	232	0.0	0.689	1.0	46.8	−28.9	−37.0	47.1	232	0.0	0.759	1.0	48.7	−32.8	−35.1	48.2	227	0.0	0.717	1.0	0.0	0.689	1.0	46.8	−28.9	−37.0	47.1	232	0.0	0.717	1.0			
233	228	233	0.0	0.675	1.0	46.4	−28.1	−37.3	46.9	233	0.0	0.742	1.0	48.3	−32.0	−35.5	47.9	228	0.0	0.7	1.0	0.0	0.675	1.0	46.4	−28.1	−37.3	46.9	233	0.0	0.7	1.0			
234	229	234	0.0	0.662	1.0	46.1	−27.3	−37.6	46.6	234	0.0	0.729	1.0	47.9	−31.2	−35.9	47.7	229	0.0	0.683	1.0	0.0	0.662	1.0	46.1	−27.3	−37.6	46.6	234	0.0	0.683	1.0			
235	230	235	0.0	0.648	1.0	45.7	−26.5	−37.9	46.4	235	0.0	0.715	1.0	47.6	−30.4	−36.3	47.5	230	0.0	0.667	1.0	0.0	0.648	1.0	45.7	−26.5	−37.9	46.4	235	0.0	0.667	1.0			
236	231	236	0.0	0.635	1.0	45.3	−25.7	−38.2	46.2	236	0.0	0.702	1.0	47.2	−29.7	−36.6	47.3	231	0.0	0.65	1.0	0.0	0.635	1.0	45.3	−25.7	−38.2	46.2	236	0.0	0.65	1.0			
237	232	237	0.0	0.623	1.0	44.9	−25.0	−38.5	46.0	237	0.0	0.689	1.0	46.8	−28.9	−37.0	47.1	232	0.0	0.633	1.0	0.0	0.623	1.0	44.9	−25.0	−38.5	46.0	237	0.0	0.633	1.0			
238	233	238	0.0	0.613	1.0	44.6	−24.3	−38.9	46.0	238	0.0	0.675	1.0	46.4	−28.1	−37.3	46.9	233	0.0	0.617	1.0	0.0	0.613	1.0	44.6	−24.3	−38.9	46.0	238	0.0	0.617	1.0			
239	234	239	0.0	0.604	1.0	44.2	−23.5	−39.3	45.9	239	0.0	0.662	1.0	46.1	−27.3	−37.6	46.6	234	0.0	0.6	1.0	0.0	0.604	1.0	44.2	−23.5	−39.3	45.9	239	0.0	0.6	1.0			
240	235	240	0.0	0.594	1.0	43.9	−22.8	−39.6	45.8	240	0.0	0.648	1.0	45.7	−26.5	−37.9	46.4	235	0.0	0.583	1.0	0.0	0.594	1.0	43.9	−22.8	−39.6	45.8	240	0.0	0.583	1.0			
241	236	241	0.0	0.585	1.0	43.5	−22.1	−39.9	45.8	241	0.0	0.635	1.0	45.3	−25.7	−38.2	46.2	236	0.0	0.567	1.0	0.0	0.585	1.0	43.5	−22.1	−39.9	45.8	241	0.0	0.567	1.0			
242	237	242	0.0	0.576	1.0	43.2	−21.4	−40.3	45.7	242	0.0	0.623	1.0	44.9	−25.0	−38.5	46.0	237	0.0	0.55	1.0	0.0	0.576	1.0	43.2	−21.4	−40.3	45.7	242	0.0	0.55	1.0			
243	238	243	0.0	0.566	1.0	42.8	−20.6	−40.6	45.7	243	0.0	0.613	1.0	44.6	−24.3	−38.9	46.0	238	0.0	0.533	1.0	0.0	0.566	1.0	42.8	−20.6	−40.6	45.7	243	0.0	0.533	1.0			
244	239	243	0.0	0.557	1.0	42.5	−19.9	−40.9	45.6	244	0.0	0.604	1.0	44.2	−23.5	−39.3	45.9	239	0.0	0.517	1.0	0.0	0.566	1.0	42.8	−20.6	−40.6	45.7	243	0.0	0.517	1.0			
245	240	244	0.0	0.547	1.0	42.1	−19.1	−41.2	45.5	245	0.0	0.594	1.0	43.9	−22.8	−39.6	45.8	240	0.0	0.5	1.0	0.0	0.557	1.0	42.5	−19.9	−40.9	45.6	244	0.0	0.5	1.0			
246	241	245	0.0	0.538	1.0	41.7	−18.4	−41.4	45.5	246	0.0	0.585	1.0	43.5	−22.1	−39.9	45.8	241	0.0	0.483	1.0	0.0	0.547	1.0	42.1	−19.1	−41.2	45.5	245	0.0	0.483	1.0			
247	242	246	0.0	0.528	1.0	41.4	−17.6	−41.7	45.4	247	0.0	0.576	1.0	43.2	−21.4	−40.3	45.7	242	0.0	0.467	1.0	0.0	0.538	1.0	41.7	−18.4	−41.4	45.5	246	0.0	0.467	1.0			
248	243	247	0.0	0.519	1.0	41.0	−16.9	−41.9	45.3	248	0.0	0.566	1.0	42.8	−20.6	−40.6	45.7	243	0.0	0.45	1.0	0.0	0.528	1.0	41.4	−17.6	−41.7	45.4	247	0.0	0.45	1.0			
249	244	248	0.0	0.51	1.0	40.7	−16.1	−42.2	45.3	249	0.0	0.557	1.0	42.5	−19.9	−40.9	45.6	244	0.0	0.433	1.0	0.0	0.519	1.0	41.0	−16.9	−41.9	45.3	248	0.0	0.433	1.0			
250	245	249	0.0	0.5	1.0	40.3	−15.4	−42.4	45.2	250	0.0	0.547	1.0	42.1	−19.1	−41.2	45.5	245	0.0	0.417	1.0	0.0	0.51	1.0	40.7	−16.1	−42.2	45.3	249	0.0	0.417	1.0			
251	246	250	0.0	0.493	1.0	40.0	−14.7	−42.8	45.4	251	0.0	0.538	1.0	41.7	−18.4	−41.4	45.5	246	0.0	0.4	1.0	0.0	0.5	1.0	40.3	−15.4	−42.4	45.2	250	0.0	0.4	1.0			
252	247	251	0.0	0.486	1.0	39.6	−14.0	−43.2	45.5	252	0.0	0.528	1.0	41.4	−17.6	−41.7	45.4	247	0.0	0.383	1.0	0.0	0.493	1.0	40.0	−14.7	−42.8	45.4	251	0.0	0.383	1.0			
253	248	252	0.0	0.479	1.0	39.2	−13.2	−43.5	45.6	253	0.0	0.519	1.0	41.0	−16.9	−41.9	45.3	248	0.0	0.367	1.0	0.0	0.486	1.0	39.6	−14.0	−43.2	45.5	252	0.0	0.367	1.0			
254	249	253	0.0	0.471	1.0	38.9	−12.5	−43.9	45.8	254	0.0	0.51	1.0	40.7	−16.1	−42.2	45.3	249	0.0	0.35	1.0	0.0	0.479	1.0	39.2	−13.2	−43.5	45.6	253	0.0	0.35	1.0			
255	250	253	0.0	0.464	1.0	38.5	−11.8	−44.2	45.9	255	0.0	0.5	1.0	40.3	−15.4	−42.4	45.2	250	0.0	0.333	1.0	0.0	0.479	1.0	39.2	−13.2	−43.5	45.6	253	0.0	0.333	1.0			
256	251	254	0.0	0.457	1.0	38.1	−11.0	−44.6	46.0	256	0.0	0.493	1.0	40.0	−14.7	−42.8	45.4	251	0.0	0.317	1.0	0.0	0.471	1.0	38.9	−12.5	−43.9	45.8	254	0.0	0.317	1.0			
257	252	255	0.0	0.45	1.0	37.8	−10.3	−44.9	46.2	257	0.0	0.486	1.0	39.6	−14.0	−43.2	45.5	252	0.0	0.3	1.0	0.0	0.464	1.0	38.5	−11.8	−44.2	45.9	255	0.0	0.3	1.0			
258	253	256	0.0	0.443	1.0	37.4	−9.5	−45.2	46.3	258	0.0	0.479	1.0	39.2	−13.2	−43.5	45.6	253	0.0	0.283	1.0	0.0	0.457	1.0	38.1	−11.0	−44.6	46.0	256	0.0	0.283	1.0			
259	254	257	0.0	0.435	1.0	37.0	−8.8	−45.5	46.4	259	0.0	0.471	1.0	38.9	−12.5	−43.9	45.8	254	0.0	0.267	1.0	0.0	0.45	1.0	37.8	−10.3	−44.9	46.2	257	0.0	0.267	1.0			
260	255	258	0.0	0.428	1.0	36.6	−8.0	−45.8	46.6	260	0.0	0.464	1.0	38.5	−11.8	−44.2	45.9	255	0.0	0.25	1.0	0.0	0.443	1.0	37.4	−9.5	−45.2	46.3	258	0.0	0.25	1.0			

Data of Maximum color M in colorimetric system photo printer FRS09_91; no separation, 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:* $h_{ab,d}$ = 35.7, 89.5, 143.6, 221.6, 305.4, 339.1; 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		
260	255	258	0.0	0.428	1.0	36.6	−8.0	−45.8	46.6	260	0.0	0.464	1.0	38.5	−11.8	−44.2	45.9	255	0.0	0.25	1.0	0.0	0.443	1.0	37.4	−9.5	−45.2	46.3	258	0.0	0.25	1.0
261	256	259	0.0	0.421	1.0	36.3	−7.2	−46.0	46.7	261	0.0	0.457	1.0	38.1	−11.0	−44.6	46.0	256	0.0	0.233	1.0	0.0	0.435	1.0	37.0	−8.8	−45.5	46.4	259	0.0	0.233	1.0
262	257	260	0.0	0.414	1.0	35.9	−6.4	−46.3	46.8	262	0.0	0.45	1.0	37.8	−10.3	−44.9	46.2	257	0.0	0.217	1.0	0.0	0.428	1.0	36.6	−8.0	−45.8	46.6	260	0.0	0.217	1.0
263	258	261	0.0	0.407	1.0	35.5	−5.6	−46.5	47.0	263	0.0	0.443	1.0	37.4	−9.5	−45.2	46.3	258	0.0	0.2	1.0	0.0	0.421	1.0	36.3	−7.2	−46.0	46.7	261	0.0	0.2	1.0
264	259	262	0.0	0.399	1.0	35.2	−4.8	−46.8	47.1	264	0.0	0.435	1.0	37.0	−8.8	−45.5	46.4	259	0.0	0.183	1.0	0.0	0.414	1.0	35.9	−6.4	−46.3	46.8	262	0.0	0.183	1.0
265	260	263	0.0	0.392	1.0	34.8	−4.0	−47.0	47.3	265	0.0	0.428	1.0	36.6	−8.0	−45.8	46.6	260	0.0	0.167	1.0	0.0	0.407	1.0	35.5	−5.6	−46.5	47.0	263	0.0	0.167	1.0
266	261	264	0.0	0.385	1.0	34.4	−3.2	−47.2	47.4	266	0.0	0.421	1.0	36.3	−7.2	−46.0	46.7	261	0.0	0.15	1.0	0.0	0.399	1.0	35.2	−4.8	−46.8	47.1	264	0.0	0.15	1.0
267	262	264	0.0	0.378	1.0	34.1	−2.4	−47.4	47.5	267	0.0	0.414	1.0	35.9	−6.4	−46.3	46.8	262	0.0	0.133	1.0	0.0	0.399	1.0	35.2	−4.8	−46.8	47.1	264	0.0	0.133	1.0
268	263	265	0.0	0.37	1.0	33.7	−1.6	−47.7	47.8	268	0.0	0.407	1.0	35.5	−5.6	−46.5	47.0	263	0.0	0.117	1.0	0.0	0.392	1.0	34.8	−4.0	−47.0	47.3	265	0.0	0.117	1.0
269	264	266	0.0	0.362	1.0	33.2	−0.7	−48.1	48.2	269	0.0	0.399	1.0	35.2	−4.8	−46.8	47.1	264	0.0	0.1	1.0	0.0	0.385	1.0	34.4	−3.2	−47.2	47.4	266	0.0	0.1	1.0
270	265	267	0.0	0.355	1.0	32.8	0.0	−48.5	48.6	270	0.0	0.392	1.0	34.8	−4.0	−47.0	47.3	265	0.0	0.083	1.0	0.0	0.378	1.0	34.1	−2.4	−47.4	47.5	267	0.0	0.083	1.0
271	266	268	0.0	0.347	1.0	32.3	0.9	−48.9	49.0	271	0.0	0.385	1.0	34.4	−3.2	−47.2	47.4	266	0.0	0.067	1.0	0.0	0.37	1.0	33.7	−1.6	−47.7	47.8	268	0.0	0.067	1.0
272	267	269	0.0	0.339	1.0	31.9	1.7	−49.2	49.4	272	0.0	0.378	1.0	34.1	−2.4	−47.4	47.5	267	0.0	0.05	1.0	0.0	0.362	1.0	33.2	−0.7	−48.1	48.2	269	0.0	0.05	1.0
273	268	270	0.0	0.331	1.0	31.5	2.6	−49.6	49.8	273	0.0	0.37	1.0	33.7	−1.6	−47.7	47.8	268	0.0	0.033	1.0	0.0	0.355	1.0	32.8	0.0	−48.5	48.6	270	0.0	0.033	1.0
274	269	271	0.0	0.323	1.0	31.0	3.5	−49.9	50.2	274	0.0	0.362	1.0	33.2	−0.7	−48.1	48.2	269	0.0	0.017	1.0	0.0	0.347	1.0	32.3	0.9	−48.9	49.0	271	0.0	0.017	1.0
275	270	272	0.0	0.315	1.0	30.6	4.4	−50.3	50.6	275	0.0	0.355	1.0	32.8	0.0	−48.5	48.6	270	0.0	0.0	1.0 B_s	0.0	0.339	1.0	31.9	1.7	−49.2	49.4	272	0.0	0.0	1.0 B_e
276	271	273	0.0	0.307	1.0	30.2	5.3	−50.6	50.9	276	0.0	0.347	1.0	32.3	0.9	−48.9	49.0	271	0.017	0.0	1.0	0.0	0.331	1.0	31.5	2.6	−49.6	49.8	273	0.017	0.0	1.0
277	272	274	0.0	0.3	1.0	29.7	6.3	−50.9	51.3	277	0.0	0.339	1.0	31.9	1.7	−49.2	49.4	272	0.033	0.0	1.0	0.0	0.323	1.0	31.0	3.5	−49.9	50.2	274	0.033	0.0	1.0
278	273	275	0.0	0.292	1.0	29.3	7.2	−51.1	51.7	278	0.0	0.331	1.0	31.5	2.6	−49.6	49.8	273	0.05	0.0	1.0	0.0	0.315	1.0	30.6	4.4	−50.3	50.6	275	0.05	0.0	1.0
279	274	276	0.0	0.284	1.0	28.9	8.2	−51.4	52.1	279	0.0	0.323	1.0	31.0	3.5	−49.9	50.2	274	0.067	0.0	1.0	0.0	0.307	1.0	30.2	5.3	−50.6	50.9	276	0.067	0.0	1.0
280	275	276	0.0	0.276	1.0	28.4	9.1	−51.6	52.5	280	0.0	0.315	1.0	30.6	4.4	−50.3	50.6	275	0.083	0.0	1.0	0.0	0.307	1.0	30.2	5.3	−50.6	50.9	276	0.083	0.0	1.0
281	276	277	0.0	0.268	1.0	28.0	10.1	−51.8	52.9	281	0.0	0.307	1.0	30.2	5.3	−50.6	50.9	276	0.1	0.0	1.0	0.0	0.3	1.0	29.7	6.3	−50.9	51.3	277	0.1	0.0	1.0
282	277	278	0.0	0.26	1.0	27.6	11.1	−52.0	53.3	282	0.0	0.3	1.0	29.7	6.3	−50.9	51.3	277	0.117	0.0	1.0	0.0	0.292	1.0	29.3	7.2	−51.1	51.7	278	0.117	0.0	1.0
283	278	279	0.0	0.253	1.0	27.1	12.1	−52.2	53.7	283	0.0	0.292	1.0	29.3	7.2	−51.1	51.7	278	0.133	0.0	1.0	0.0	0.284	1.0	28.9	8.2	−51.4	52.1	279	0.133	0.0	1.0
284	279	280	0.0	0.244	1.0	26.6	13.1	−52.6	54.3	284	0.0	0.284	1.0	28.9	8.2	−51.4	52.1	279	0.15	0.0	1.0	0.0	0.276	1.0	28.4	9.1	−51.6	52.5	280	0.15	0.0	1.0
285	280	281	0.0	0.234	1.0	26.0	14.2	−53.0	55.0	285	0.0	0.276	1.0	28.4	9.1	−51.6	52.5	280	0.167	0.0	1.0	0.0	0.268	1.0	28.0	10.1	−51.8	52.9	281	0.167	0.0	1.0
286	281	282	0.0	0.224	1.0	25.4	15.3	−53.4	55.7	286	0.0	0.268	1.0	28.0	10.1	−51.8	52.9	281	0.183	0.0	1.0	0.0	0.26	1.0	27.6	11.1	−52.0	53.3	282	0.183	0.0	1.0
287	282	283	0.0	0.214	1.0	24.9	16.5	−53.8	56.4	287	0.0	0.26	1.0	27.6	11.1	−52.0	53.3	282	0.2	0.0	1.0	0.0	0.253	1.0	27.1	12.1	−52.2	53.7	283	0.2	0.0	1.0
288	283	284	0.0	0.205	1.0	24.3	17.6	−54.2	57.1	288	0.0	0.253	1.0	27.1	12.1	−52.2	53.7	283	0.217	0.0	1.0	0.0	0.244	1.0	26.6	13.1	−52.6	54.3	284	0.217	0.0	1.0
289	284	285	0.0	0.195	1.0	23.7	18.8	−54.5	57.7	289	0.0	0.244	1.0	26.6	13.1	−52.6	54.3	284	0.233	0.0	1.0	0.0	0.234	1.0	26.0	14.2	−53.0	55.0	285	0.233	0.0	1.0
290	285	286	0.0	0.185	1.0	23.2	20.0	−54.8	58.4	290	0.0	0.234	1.0	26.0	14.2	−53.0	55.0	285	0.25	0.0	1.0	0.0	0.224	1.0	25.4	15.3	−53.4	55.7	286	0.25	0.0	1.0
291	286	287	0.0	0.176	1.0	22.6	21.2	−55.1	59.1	291	0.0	0.224	1.0	25.4	15.3	−53.4	55.7	286	0.267	0.0	1.0	0.0	0.214	1.0	24.9	16.5	−53.8	56.4	287	0.267	0.0	1.0
292	287	288	0.0	0.166	1.0	22.0	22.4	−55.4	59.8	292	0.0	0.214	1.0	24.9	16.5	−53.8	56.4	287	0.283	0.0	1.0	0.0	0.205	1.0	24.3	17.6	−54.2	57.1	288	0.283	0.0	1.0
293	288	289	0.0	0.156	1.0	21.4	23.6	−55.6	60.5	293	0.0	0.205	1.0	24.3	17.6	−54.2	57.1	288	0.3	0.0	1.0	0.0	0.195	1.0	23.7	18.8	−54.5	57.7	289	0.3	0.0	1.0
294	289	290	0.0	0.147	1.0	20.9	24.9	−55.8	61.2	294	0.0	0.195	1.0	23.7	18.8	−54.5	57.7	289	0.317	0.0	1.0	0.0	0.185	1.0	23.2	20.0	−54.8	58.4	290	0.317	0.0	1.0
295	290	291	0.0	0.137	1.0	20.3	26.2	−56.0	61.9	295	0.0	0.185	1.0	23.2	20.0	−54.8	58.4	290	0.333	0.0	1.0	0.0	0.176	1.0	22.6	21.2	−55.1	59.1	291	0.333	0.0	1.0
296	291	292	0.0	0.127	1.0	19.7	27.4	−56.2	62.6	296	0.0	0.176	1.0	22.6	21.2	−55.1	59.1	291	0.35	0.0	1.0	0.0	0.166	1.0	22.0	22.4	−55.4	59.8	292	0.35	0.0	1.0
297	292	293	0.0	0.115	1.0	19.0	28.8	−56.4	63.4	297	0.0	0.166	1.0	22.0	22.4	−55.4	59.8	292	0.367	0.0	1.0	0.0	0.156	1.0	21.4	23.6	−55.6	60.5	293	0.367	0.0	1.0
298	293	294	0.0	0.101	1.0	18.2	30.2	−56.7	64.3	298	0.0	0.156	1.0	21.4	23.6	−55.6	60.5	293	0.383	0.0	1.0	0.0	0.147	1.0	20.9	24.9	−55.8	61.2	294	0.383	0.0	1.0
299	294	294	0.0	0.087	1.0	17.4	31.6	−57.0	65.2	299	0.0	0.147	1.0	20.9	24.9	−55.8	61.2	294	0.4	0.0	1.0	0.0	0.147	1.0	20.9	24.9	−55.8	61.2	294	0.4	0.0	1.0
300	295	295	0.0	0.074	1.0	16.6	33.1	−57.2	66.1	300	0.0	0.137	1.0	20.3	26.2	−56.0	61.9	295	0.417	0.0	1.0	0.0	0.137	1.0	20.3	26.2	−56.0	61.9	295	0.417	0.0	1.0
301	296	296	0.0	0.06	1.0	15.8	34.5	−57.3	67.0	301	0.0	0.127	1.0	19.7	27.4	−56.2	62.6	296	0.433	0.0	1.0	0.0	0.127	1.0	19.7	27.4	−56.2	62.6	296	0.433	0.0	1.0
302	297	297	0.0	0.047	1.0	15.1	36.0	−57.5	67.9	302	0.0	0.115	1.0	19.0	28.8	−56.4	63.4	297	0.45	0.0	1.0	0.0	0.115	1.0	19.0	28.8	−56.4	63.4	297	0.45	0.0	1.0
303	298	298	0.0	0.033	1.0	14.3	37.5	−57.6	68.8	303	0.0	0.101	1.0	18.2	30.2	−56.7	64.3	298	0.467	0.0	1.0	0.0	0.101	1.0	18.2	30.2	−56.7	64.3	298	0.467	0.0	1.0
304	299	299	0.0	0.019	1.0	13.5	39.0	−57.7	69.7	304	0.0	0.087	1.0	17.4	31.6	−57.0	65.2	299	0.483	0.0	1.0	0.0	0.087	1.0	17.4	31.6	−57.0	65.2	299	0.483	0.0	1.0
305	300	300	0.0	0.006	1.0	12.7	40.5	−57.7	70.6	305 B_d	0.0	0.074	1.0	16.6	33.1	−57.2	66.1	300	0.5	0.0	1.0	0.0	0.074	1.0	16.6	33.1	−57.2	66.1	300	0.5	0.0	1.0

*rgb**dd *rgb**ds *rgb**de

Data of Maximum color M in colorimetric system photo printer FRS09_91; no separation, 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:* $h_{ab,d}$ = 35.7, 89.5, 143.6, 221.6, 305.4, 339.1; 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		
305	300	300	0.0	0.006	1.0	12.7	40.5	−57.7	70.6	305 B_d	0.0	0.074	1.0	16.6	33.1	−57.2	66.1	300	0.5	0.0	1.0	0.0	0.074	1.0	16.6	33.1	−57.2	66.1	300	0.5	0.0	1.0
306	301	301	0.037	0.0	1.0	13.2	41.9	−57.6	71.3	306	0.0	0.06	1.0	15.8	34.5	−57.3	67.0	301	0.517	0.0	1.0	0.0	0.06	1.0	15.8	34.5	−57.3	67.0	301	0.517	0.0	1.0
307	302	302	0.103	0.0	1.0	14.7	43.2	−57.3	71.8	307	0.0	0.047	1.0	15.1	36.0	−57.5	67.9	302	0.533	0.0	1.0	0.0	0.047	1.0	15.1	36.0	−57.5	67.9	302	0.533	0.0	1.0
308	303	303	0.15	0.0	1.0	15.9	44.4	−56.7	72.1	308	0.0	0.033	1.0	14.3	37.5	−57.6	68.8	303	0.55	0.0	1.0	0.0	0.033	1.0	14.3	37.5	−57.6	68.8	303	0.55	0.0	1.0
309	304	304	0.187	0.0	1.0	16.8	45.4	−56.0	72.2	309	0.0	0.019	1.0	13.5	39.0	−57.7	69.7	304	0.567	0.0	1.0	0.0	0.019	1.0	13.5	39.0	−57.7	69.7	304	0.567	0.0	1.0
310	305	305	0.224	0.0	1.0	17.8	46.4	−55.3	72.3	310	0.0	0.006	1.0	12.7	40.5	−57.7	70.6	305	0.583	0.0	1.0	0.0	0.006	1.0	12.7	40.5	−57.7	70.6	305	0.583	0.0	1.0
311	306	306	0.257	0.0	1.0	18.7	47.4	−54.5	72.3	311	0.037	0.0	1.0	13.2	41.9	−57.6	71.3	306	0.6	0.0	1.0	0.037	0.0	1.0	13.2	41.9	−57.6	71.3	306	0.6	0.0	1.0
312	307	307	0.282	0.0	1.0	19.4	48.4	−53.6	72.3	312	0.103	0.0	1.0	14.7	43.2	−57.3	71.8	307	0.617	0.0	1.0	0.103	0.0	1.0	14.7	43.2	−57.3	71.8	307	0.617	0.0	1.0
313	308	308	0.307	0.0	1.0	20.1	49.3	−52.8	72.3	313	0.15	0.0	1.0	15.9	44.4	−56.7	72.1	308	0.633	0.0	1.0	0.15	0.0	1.0	15.9	44.4	−56.7	72.1	308	0.633	0.0	1.0
314	309	309	0.331	0.0	1.0	20.8	50.2	−51.9	72.3	314	0.187	0.0	1.0	16.8	45.4	−56.0	72.2	309	0.65	0.0	1.0	0.187	0.0	1.0	16.8	45.4	−56.0	72.2	309	0.65	0.0	1.0
315	310	310	0.356	0.0	1.0	21.5	51.1	−51.0	72.2	315	0.224	0.0	1.0	17.8	46.4	−55.3	72.3	310	0.667	0.0	1.0	0.224	0.0	1.0	17.8	46.4	−55.3	72.3	310	0.667	0.0	1.0
316	311	311	0.38	0.0	1.0	22.2	52.0	−50.1	72.3	316	0.257	0.0	1.0	18.7	47.4	−54.5	72.3	311	0.683	0.0	1.0	0.257	0.0	1.0	18.7	47.4	−54.5	72.3	311	0.683	0.0	1.0
317	312	312	0.405	0.0	1.0	23.0	52.9	−49.3	72.4	317	0.282	0.0	1.0	19.4	48.4	−53.6	72.3	312	0.7	0.0	1.0	0.282	0.0	1.0	19.4	48.4	−53.6	72.3	312	0.7	0.0	1.0
318	313	312	0.429	0.0	1.0	23.8	53.9	−48.4	72.5	318	0.307	0.0	1.0	20.1	49.3	−52.8	72.3	313	0.717	0.0	1.0	0.282	0.0	1.0	19.4	48.4	−53.6	72.3	312	0.717	0.0	1.0
319	314	313	0.453	0.0	1.0	24.5	54.8	−47.6	72.7	319	0.331	0.0	1.0	20.8	50.2	−51.9	72.3	314	0.733	0.0	1.0	0.307	0.0	1.0	20.1	49.3	−52.8	72.3	313	0.733	0.0	1.0
320	315	314	0.477	0.0	1.0	25.3	55.8	−46.7	72.8	320	0.356	0.0	1.0	21.5	51.1	−51.0	72.2	315	0.75	0.0	1.0	0.331	0.0	1.0	20.8	50.2	−51.9	72.3	314	0.75	0.0	1.0
321	316	315	0.501	0.0	1.0	26.0	56.7	−45.8	72.9	321	0.38	0.0	1.0	22.2	52.0	−50.1	72.3	316	0.767	0.0	1.0	0.356	0.0	1.0	21.5	51.1	−51.0	72.2	315	0.767	0.0	1.0
322	317	316	0.521	0.0	1.0	26.7	57.7	−45.0	73.2	322	0.405	0.0	1.0	23.0	52.9	−49.3	72.4	317	0.783	0.0	1.0	0.38	0.0	1.0	22.2	52.0	−50.1	72.3	316	0.783	0.0	1.0
323	318	317	0.541	0.0	1.0	27.4	58.7	−44.1	73.5	323	0.429	0.0	1.0	23.8	53.9	−48.4	72.5	318	0.8	0.0	1.0	0.405	0.0	1.0	23.0	52.9	−49.3	72.4	317	0.8	0.0	1.0
324	319	318	0.561	0.0	1.0	28.1	59.7	−43.3	73.8	324	0.453	0.0	1.0	24.5	54.8	−47.6	72.7	319	0.817	0.0	1.0	0.429	0.0	1.0	23.8	53.9	−48.4	72.5	318	0.817	0.0	1.0
325	320	319	0.581	0.0	1.0	28.8	60.7	−42.4	74.1	325	0.477	0.0	1.0	25.3	55.8	−46.7	72.8	320	0.833	0.0	1.0	0.453	0.0	1.0	24.5	54.8	−47.6	72.7	319	0.833	0.0	1.0
326	321	320	0.6	0.0	1.0	29.5	61.6	−41.5	74.4	326	0.501	0.0	1.0	26.0	56.7	−45.8	72.9	321	0.85	0.0	1.0	0.477	0.0	1.0	25.3	55.8	−46.7	72.8	320	0.85	0.0	1.0
327	322	321	0.62	0.0	1.0	30.2	62.6	−40.6	74.6	327	0.521	0.0	1.0	26.7	57.7	−45.0	73.2	322	0.867	0.0	1.0	0.501	0.0	1.0	26.0	56.7	−45.8	72.9	321	0.867	0.0	1.0
328	323	322	0.639	0.0	1.0	30.8	63.6	−39.7	75.0	328	0.541	0.0	1.0	27.4	58.7	−44.1	73.5	323	0.883	0.0	1.0	0.521	0.0	1.0	26.7	57.7	−45.0	73.2	322	0.883	0.0	1.0
329	324	323	0.658	0.0	1.0	31.4	64.7	−38.8	75.5	329	0.561	0.0	1.0	28.1	59.7	−43.3	73.8	324	0.9	0.0	1.0	0.541	0.0	1.0	27.4	58.7	−44.1	73.5	323	0.9	0.0	1.0
330	325	324	0.677	0.0	1.0	32.1	65.7	−37.9	75.9	330	0.581	0.0	1.0	28.8	60.7	−42.4	74.1	325	0.917	0.0	1.0	0.561	0.0	1.0	28.1	59.7	−43.3	73.8	324	0.917	0.0	1.0
331	326	325	0.695	0.0	1.0	32.7	66.8	−36.9	76.4	331	0.6	0.0	1.0	29.5	61.6	−41.5	74.4	326	0.933	0.0	1.0	0.581	0.0	1.0	28.8	60.7	−42.4	74.1	325	0.933	0.0	1.0
332	327	326	0.714	0.0	1.0	33.4	67.8	−36.0	76.8	332	0.62	0.0	1.0	30.2	62.6	−40.6	74.6	327	0.95	0.0	1.0	0.6	0.0	1.0	29.5	61.6	−41.5	74.4	326	0.95	0.0	1.0
333	328	327	0.733	0.0	1.0	34.0	68.8	−35.0	77.2	333	0.639	0.0	1.0	30.8	63.6	−39.7	75.0	328	0.967	0.0	1.0	0.62	0.0	1.0	30.2	62.6	−40.6	74.6	327	0.967	0.0	1.0
334	329	328	0.752	0.0	1.0	34.6	69.8	−34.0	77.7	334	0.658	0.0	1.0	31.4	64.7	−38.8	75.5	329	0.983	0.0	1.0	0.639	0.0	1.0	30.8	63.6	−39.7	75.0	328	0.983	0.0	1.0
335	330	329	0.778	0.0	1.0	35.4	71.0	−33.0	78.4	335	0.677	0.0	1.0	32.1	65.7	−37.9	75.9	330	1.0	0.0	1.0 M_s	0.658	0.0	1.0	31.4	64.7	−38.8	75.5	329	1.0	0.0	1.0 M_e
336	331	330	0.804	0.0	1.0	36.1	72.2	−32.0	79.0	336	0.695	0.0	1.0	32.7	66.8	−36.9	76.4	331	1.0	0.0	0.983	0.677	0.0	1.0	32.1	65.7	−37.9	75.9	330	1.0	0.0	0.983
337	332	331	0.83	0.0	1.0	36.8	73.4	−31.0	79.7	337	0.714	0.0	1.0	33.4	67.8	−36.0	76.8	332	1.0	0.0	0.967	0.695	0.0	1.0	32.7	66.8	−36.9	76.4	331	1.0	0.0	0.967
338	333	331	0.856	0.0	1.0	37.6	74.5	−30.0	80.4	338	0.733	0.0	1.0	34.0	68.8	−35.0	77.2	333	1.0	0.0	0.95	0.695	0.0	1.0	32.7	66.8	−36.9	76.4	331	1.0	0.0	0.95
339	334	332	0.964	0.0	1.0	38.3	75.7	−28.9	81.1	339 M_d	0.752	0.0	1.0	34.6	69.8	−34.0	77.7	334	1.0	0.0	0.933	0.714	0.0	1.0	33.4	67.8	−36.0	76.8	332	1.0	0.0	0.933
340	335	333	1.0	0.0	0.817	38.4	75.3	−27.3	80.1	340	0.778	0.0	1.0	35.4	71.0	−33.0	78.4	335	1.0	0.0	0.917	0.733	0.0	1.0	34.0	68.8	−35.0	77.2	333	1.0	0.0	0.917
341	336	334	1.0	0.0	0.745	38.4	74.8	−25.6	79.1	341	0.804	0.0	1.0	36.1	72.2	−32.0	79.0	336	1.0	0.0	0.9	0.752	0.0	1.0	34.6	69.8	−34.0	77.7	334	1.0	0.0	0.9
342	337	335	1.0	0.0	0.71	38.3	74.3	−24.0	78.1	342	0.83	0.0	1.0	36.8	73.4	−31.0	79.7	337	1.0	0.0	0.883	0.778	0.0	1.0	35.4	71.0	−33.0	78.4	335	1.0	0.0	0.883
343	338	336	1.0	0.0	0.675	38.3	73.8	−22.5	77.2	343	0.856	0.0	1.0	37.6	74.5	−30.0	80.4	338	1.0	0.0	0.867	0.804	0.0	1.0	36.1	72.2	−32.0	79.0	336	1.0	0.0	0.867
344	339	337	1.0	0.0	0.639	38.2	73.3	−20.9	76.2	344	0.964	0.0	1.0	38.3	75.7	−28.9	81.1	339	1.0	0.0	0.85	0.83	0.0	1.0	36.8	73.4	−31.0	79.7	337	1.0	0.0	0.85
345	340	338	1.0	0.0	0.612	38.1	72.9	−19.4	75.4	345	1.0	0.0	0.817	38.4	75.3	−27.3	80.1	340	1.0	0.0	0.833	0.856	0.0	1.0	37.6	74.5	−30.0	80.4	338	1.0	0.0	0.833
346	341	339	1.0	0.0	0.591	38.1	72.5	−18.0	74.8	346	1.0	0.0	0.745	38.4	74.8	−25.6	79.1	341	1.0	0.0	0.817	0.964	0.0	1.0	38.3	75.7	−28.9	81.1	339	1.0	0.0	0.817
347	342	340	1.0	0.0	0.57	38.1	72.2	−16.6	74.1	347	1.0	0.0	0.71	38.3	74.3	−24.0	78.1	342	1.0	0.0	0.8	1.0	0.0	0.817	38.4	75.3	−27.3	80.1	340	1.0	0.0	0.8
348	343	341	1.0	0.0	0.549	38.0	71.8	−15.2	73.4	348	1.0	0.0	0.675	38.3	73.8	−22.5	77.2	343	1.0	0.0	0.783	1.0	0.0	0.745	38.4	74.8	−25.6	79.1	341	1.0	0.0	0.783
349	344	342	1.0	0.0	0.527	38.0	71.4	−13.8	72.7	349	1.0	0.0	0.639	38.2	73.3	−20.9	76.2	344	1.0	0.0	0.767	1.0	0.0	0.71	38.3	74.3	−24.0	78.1	342	1.0	0.0	0.767
350	345	343	1.0	0.0	0.506	37.9	71.0	−12.4	72.1	350	1.0	0.0	0.612	38.1	72.9	−19.4	75.4	345	1.0	0.0	0.75	1.0	0.0	0.675	38.3	73.8	−22.5	77.2	343	1.0	0.0	0.75

*rgb*dd* *rgb*ds* *rgb*de*

Data of Maximum color M in colorimetric system photo printer FRS09_91; no separation, 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:* $h_{ab,d}$ = 35.7, 89.5, 143.6, 221.6, 305.4, 339.1; 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		
350	345	343	1.0	0.0	0.506	37.9	71.0	−12.4	72.1	350	1.0	0.0	0.612	38.1	72.9	−19.4	75.4	345	1.0	0.0	0.75	1.0	0.0	0.675	38.3	73.8	−22.5	77.2	343	1.0	0.0	0.75
351	346	344	1.0	0.0	0.488	37.9	70.7	−11.1	71.6	351	1.0	0.0	0.591	38.1	72.5	−18.0	74.8	346	1.0	0.0	0.733	1.0	0.0	0.639	38.2	73.3	−20.9	76.2	344	1.0	0.0	0.733
352	347	345	1.0	0.0	0.472	37.8	70.5	−9.8	71.2	352	1.0	0.0	0.57	38.1	72.2	−16.6	74.1	347	1.0	0.0	0.717	1.0	0.0	0.612	38.1	72.9	−19.4	75.4	345	1.0	0.0	0.717
353	348	346	1.0	0.0	0.456	37.8	70.3	−8.5	70.8	353	1.0	0.0	0.549	38.0	71.8	−15.2	73.4	348	1.0	0.0	0.7	1.0	0.0	0.591	38.1	72.5	−18.0	74.8	346	1.0	0.0	0.7
354	349	347	1.0	0.0	0.439	37.7	70.0	−7.3	70.4	354	1.0	0.0	0.527	38.0	71.4	−13.8	72.7	349	1.0	0.0	0.683	1.0	0.0	0.57	38.1	72.2	−16.6	74.1	347	1.0	0.0	0.683
355	350	348	1.0	0.0	0.423	37.7	69.7	−6.0	70.0	355	1.0	0.0	0.506	37.9	71.0	−12.4	72.1	350	1.0	0.0	0.667	1.0	0.0	0.549	38.0	71.8	−15.2	73.4	348	1.0	0.0	0.667
356	351	349	1.0	0.0	0.406	37.7	69.4	−4.8	69.6	356	1.0	0.0	0.488	37.9	70.7	−11.1	71.6	351	1.0	0.0	0.65	1.0	0.0	0.527	38.0	71.4	−13.8	72.7	349	1.0	0.0	0.65
357	352	349	1.0	0.0	0.39	37.6	69.1	−3.5	69.2	357	1.0	0.0	0.472	37.8	70.5	−9.8	71.2	352	1.0	0.0	0.633	1.0	0.0	0.527	38.0	71.4	−13.8	72.7	349	1.0	0.0	0.633
358	353	350	1.0	0.0	0.374	37.6	68.8	−2.3	68.8	358	1.0	0.0	0.456	37.8	70.3	−8.5	70.8	353	1.0	0.0	0.617	1.0	0.0	0.506	37.9	71.0	−12.4	72.1	350	1.0	0.0	0.617
359	354	351	1.0	0.0	0.36	37.5	68.6	−1.1	68.6	359	1.0	0.0	0.439	37.7	70.0	−7.3	70.4	354	1.0	0.0	0.6	1.0	0.0	0.488	37.9	70.7	−11.1	71.6	351	1.0	0.0	0.6
0	355	352	1.0	0.0	0.347	37.5	68.5	0.0	68.5	0	1.0	0.0	0.423	37.7	69.7	−6.0	70.0	355	1.0	0.0	0.583	1.0	0.0	0.472	37.8	70.5	−9.8	71.2	352	1.0	0.0	0.583
1	356	353	1.0	0.0	0.333	37.5	68.3	1.2	68.3	1	1.0	0.0	0.406	37.7	69.4	−4.8	69.6	356	1.0	0.0	0.567	1.0	0.0	0.456	37.8	70.3	−8.5	70.8	353	1.0	0.0	0.567
2	357	354	1.0	0.0	0.32	37.5	68.1	2.4	68.2	2	1.0	0.0	0.39	37.6	69.1	−3.5	69.2	357	1.0	0.0	0.55	1.0	0.0	0.439	37.7	70.0	−7.3	70.4	354	1.0	0.0	0.55
3	358	355	1.0	0.0	0.306	37.4	67.9	3.6	68.0	3	1.0	0.0	0.374	37.6	68.8	−2.3	68.8	358	1.0	0.0	0.533	1.0	0.0	0.423	37.7	69.7	−6.0	70.0	355	1.0	0.0	0.533
4	359	356	1.0	0.0	0.293	37.4	67.7	4.7	67.9	4	1.0	0.0	0.36	37.5	68.6	−1.1	68.6	359	1.0	0.0	0.517	1.0	0.0	0.406	37.7	69.4	−4.8	69.6	356	1.0	0.0	0.517
5	360	357	1.0	0.0	0.279	37.4	67.5	5.9	67.7	5	1.0	0.0	0.347	37.5	68.5	0.0	68.5	0	1.0	0.0	0.5	1.0	0.0	0.39	37.6	69.1	−3.5	69.2	357	1.0	0.0	0.5
6	361	358	1.0	0.0	0.266	37.3	67.2	7.1	67.6	6	1.0	0.0	0.333	37.5	68.3	1.2	68.3	1	1.0	0.0	0.483	1.0	0.0	0.374	37.6	68.8	−2.3	68.8	358	1.0	0.0	0.483
7	362	359	1.0	0.0	0.253	37.3	66.9	8.2	67.4	7	1.0	0.0	0.32	37.5	68.1	2.4	68.2	2	1.0	0.0	0.467	1.0	0.0	0.36	37.5	68.6	−1.1	68.6	359	1.0	0.0	0.467
8	363	360	1.0	0.0	0.241	37.3	66.8	9.4	67.5	8	1.0	0.0	0.306	37.4	67.9	3.6	68.0	3	1.0	0.0	0.45	1.0	0.0	0.347	37.5	68.5	0.0	68.5	0	1.0	0.0	0.45
9	364	361	1.0	0.0	0.23	37.2	66.7	10.6	67.6	9	1.0	0.0	0.293	37.4	67.7	4.7	67.9	4	1.0	0.0	0.433	1.0	0.0	0.333	37.5	68.3	1.2	68.3	1	1.0	0.0	0.433
10	365	362	1.0	0.0	0.219	37.2	66.7	11.8	67.7	10	1.0	0.0	0.279	37.4	67.5	5.9	67.7	5	1.0	0.0	0.417	1.0	0.0	0.32	37.5	68.1	2.4	68.2	2	1.0	0.0	0.417
11	366	363	1.0	0.0	0.208	37.2	66.6	12.9	67.8	11	1.0	0.0	0.266	37.3	67.2	7.1	67.6	6	1.0	0.0	0.4	1.0	0.0	0.306	37.4	67.9	3.6	68.0	3	1.0	0.0	0.4
12	367	364	1.0	0.0	0.197	37.1	66.4	14.1	67.9	12	1.0	0.0	0.253	37.3	66.9	8.2	67.4	7	1.0	0.0	0.383	1.0	0.0	0.293	37.4	67.7	4.7	67.9	4	1.0	0.0	0.383
13	368	365	1.0	0.0	0.186	37.1	66.3	15.3	68.0	13	1.0	0.0	0.241	37.3	66.8	9.4	67.5	8	1.0	0.0	0.367	1.0	0.0	0.279	37.4	67.5	5.9	67.7	5	1.0	0.0	0.367
14	369	366	1.0	0.0	0.175	37.1	66.1	16.5	68.1	14	1.0	0.0	0.23	37.2	66.7	10.6	67.6	9	1.0	0.0	0.35	1.0	0.0	0.266	37.3	67.2	7.1	67.6	6	1.0	0.0	0.35
15	370	367	1.0	0.0	0.164	37.0	65.9	17.7	68.2	15	1.0	0.0	0.219	37.2	66.7	11.8	67.7	10	1.0	0.0	0.333	1.0	0.0	0.253	37.3	66.9	8.2	67.4	7	1.0	0.0	0.333
16	371	367	1.0	0.0	0.153	37.0	65.7	18.8	68.3	16	1.0	0.0	0.208	37.2	66.6	12.9	67.8	11	1.0	0.0	0.317	1.0	0.0	0.253	37.3	66.9	8.2	67.4	7	1.0	0.0	0.317
17	372	368	1.0	0.0	0.142	37.0	65.5	20.0	68.4	17	1.0	0.0	0.197	37.1	66.4	14.1	67.9	12	1.0	0.0	0.3	1.0	0.0	0.241	37.3	66.8	9.4	67.5	8	1.0	0.0	0.3
18	373	369	1.0	0.0	0.131	36.9	65.2	21.2	68.6	18	1.0	0.0	0.186	37.1	66.3	15.3	68.0	13	1.0	0.0	0.283	1.0	0.0	0.23	37.2	66.7	10.6	67.6	9	1.0	0.0	0.283
19	374	370	1.0	0.0	0.122	36.9	65.1	22.4	68.8	19	1.0	0.0	0.175	37.1	66.1	16.5	68.1	14	1.0	0.0	0.267	1.0	0.0	0.219	37.2	66.7	11.8	67.7	10	1.0	0.0	0.267
20	375	371	1.0	0.0	0.115	36.9	65.2	23.7	69.4	20	1.0	0.0	0.164	37.0	65.9	17.7	68.2	15	1.0	0.0	0.25	1.0	0.0	0.208	37.2	66.6	12.9	67.8	11	1.0	0.0	0.25
21	376	372	1.0	0.0	0.107	36.9	65.2	25.0	69.9	21	1.0	0.0	0.153	37.0	65.7	18.8	68.3	16	1.0	0.0	0.233	1.0	0.0	0.197	37.1	66.4	14.1	67.9	12	1.0	0.0	0.233
22	377	373	1.0	0.0	0.1	36.8	65.3	26.4	70.4	22	1.0	0.0	0.142	37.0	65.5	20.0	68.4	17	1.0	0.0	0.217	1.0	0.0	0.186	37.1	66.3	15.3	68.0	13	1.0	0.0	0.217
23	378	374	1.0	0.0	0.093	36.8	65.3	27.7	70.9	23	1.0	0.0	0.131	36.9	65.2	21.2	68.6	18	1.0	0.0	0.2	1.0	0.0	0.175	37.1	66.1	16.5	68.1	14	1.0	0.0	0.2
24	379	375	1.0	0.0	0.085	36.8	65.3	29.1	71.5	24	1.0	0.0	0.122	36.9	65.1	22.4	68.8	19	1.0	0.0	0.183	1.0	0.0	0.164	37.0	65.9	17.7	68.2	15	1.0	0.0	0.183
25	380	376	1.0	0.0	0.078	36.8	65.2	30.4	72.0	25	1.0	0.0	0.115	36.9	65.2	23.7	69.4	20	1.0	0.0	0.167	1.0	0.0	0.153	37.0	65.7	18.8	68.3	16	1.0	0.0	0.167
26	381	377	1.0	0.0	0.071	36.7	65.2	31.8	72.5	26	1.0	0.0	0.107	36.9	65.2	25.0	69.9	21	1.0	0.0	0.15	1.0	0.0	0.142	37.0	65.5	20.0	68.4	17	1.0	0.0	0.15
27	382	378	1.0	0.0	0.063	36.7	65.1	33.2	73.0	27	1.0	0.0	0.1	36.8	65.3	26.4	70.4	22	1.0	0.0	0.133	1.0	0.0	0.131	36.9	65.2	21.2	68.6	18	1.0	0.0	0.133
28	383	379	1.0	0.0	0.056	36.7	65.0	34.5	73.6	28	1.0	0.0	0.093	36.8	65.3	27.7	70.9	23	1.0	0.0	0.117	1.0	0.0	0.122	36.9	65.1	22.4	68.8	19	1.0	0.0	0.117
29	384	380	1.0	0.0	0.049	36.6	64.8	35.9	74.1	29	1.0	0.0	0.085	36.8	65.3	29.1	71.5	24	1.0	0.0	0.1	1.0	0.0	0.115	36.9	65.2	23.7	69.4	20	1.0	0.0	0.1
30	385	381	1.0	0.0	0.042	36.6	64.6	37.3	74.6	30	1.0	0.0	0.078	36.8	65.2	30.4	72.0	25	1.0	0.0	0.083	1.0	0.0	0.107	36.9	65.2	25.0	69.9	21	1.0	0.0	0.083
31	386	382	1.0	0.0	0.034	36.6	64.4	38.7	75.1	31	1.0	0.0	0.071	36.7	65.2	31.8	72.5	26	1.0	0.0	0.067	1.0	0.0	0.1	36.8	65.3	26.4	70.4	22	1.0	0.0	0.067
32	387	383	1.0	0.0	0.027	36.6	64.2	40.1	75.7	32	1.0	0.0	0.063	36.7	65.1	33.2	73.0	27	1.0	0.0	0.05	1.0	0.0	0.093	36.8	65.3	27.7	70.9	23	1.0	0.0	0.05
33	388	384	1.0	0.0	0.02	36.5	63.9	41.5	76.2	33	1.0	0.0	0.056	36.7	65.0	34.5	73.6	28	1.0	0.0	0.033	1.0	0.0	0.085	36.8	65.3	29.1	71.5	24	1.0	0.0	0.033
34	389	385	1.0	0.0	0.012	36.5	63.6	42.9	76.7	34	1.0	0.0	0.049	36.6	64.8	35.9	74.1	29	1.0	0.0	0.017	1.0	0.0	0.078	36.8	65.2	30.4	72.0	25	1.0	0.0	0.017
35	390	385	1.0	0.0	0.005	36.5	63.3	44.3	77.2	35	R_d	1.0	0.0	0.042	36.6	64.6	37.3	74.6	30	1.0	0.0	0.0 R_s	1.0	0.0	0.078	36.8	65.2	30.4	72.0	25	1.0	0.0	0.0 R_e