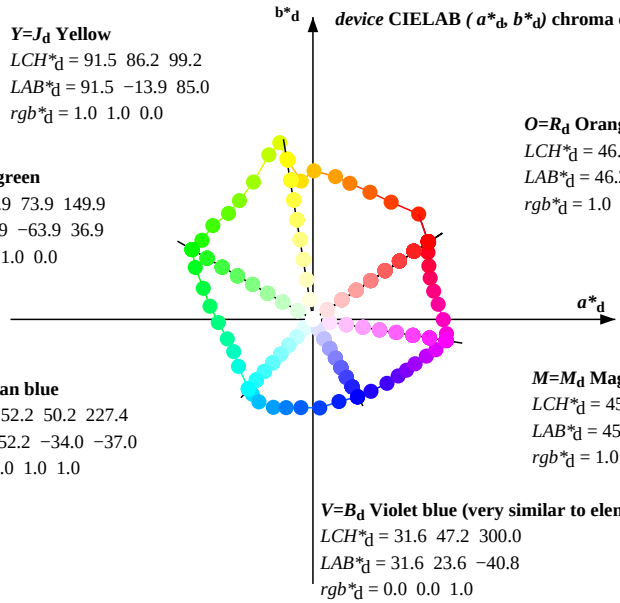
Data of Maximum color M in colorimetric system laser printer HRS27_96; separation cmy0*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours *s:* $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *d:* $h_{ab,d}$ = 33.7, 99.3, 150.0, 227.4, 300.0, 351.0; 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 = 91.5 86.2 99.2
LAB^*_d = 91.5 −13.9 85.0
rgb^*_d = 1.0 1.0 0.0

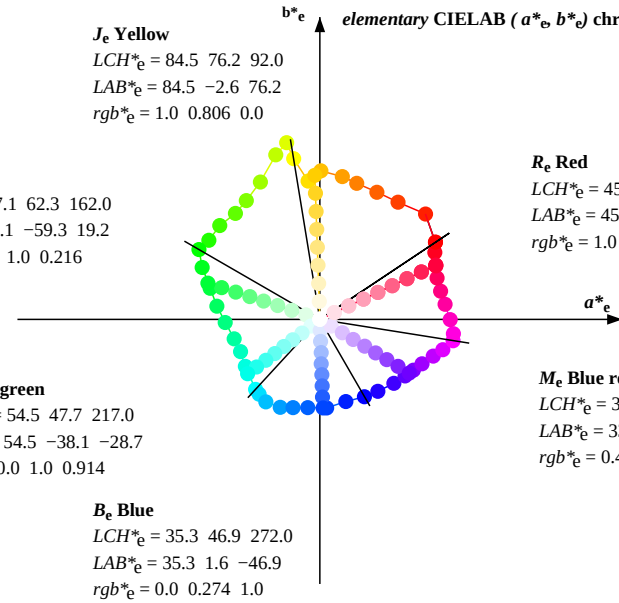
O=R_d Orange red
LCH^*_d = 46.2 73.4 33.7
LAB^*_d = 46.2 61.1 40.7
rgb^*_d = 1.0 0.0 0.0

L=G_d Leaf green
LCH^*_d = 56.9 73.9 149.9
LAB^*_d = 56.9 −63.9 36.9
rgb^*_d = 0.0 1.0 0.0

C=C_d Cyan blue
LCH^*_d = 52.2 50.2 227.4
LAB^*_d = 52.2 −34.0 −37.0
rgb^*_d = 0.0 1.0 1.0

M=M_d Magenta red
LCH^*_d = 45.3 71.4 350.9
LAB^*_d = 45.3 70.5 −11.2
rgb^*_d = 1.0 0.0 1.0

V=B_d Violet blue (very similar to elementary Blue)
LCH^*_d = 31.6 47.2 300.0
LAB^*_d = 31.6 23.6 −40.8
rgb^*_d = 0.0 0.0 1.0



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

J_e Yellow
LCH^*_e = 84.5 76.2 92.0
LAB^*_e = 84.5 −2.6 76.2
rgb^*_e = 1.0 0.806 0.0

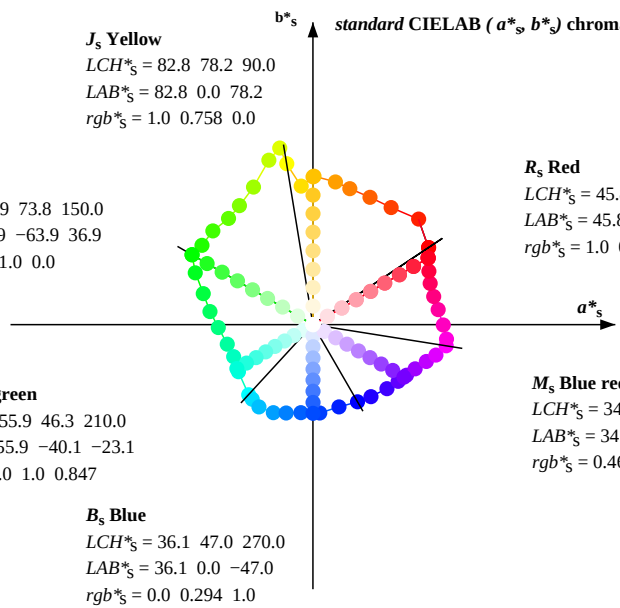
R_e Red
LCH^*_e = 45.1 67.7 25.0
LAB^*_e = 45.1 61.4 28.6
rgb^*_e = 1.0 0.0 0.244

G_e Green
LCH^*_e = 57.1 62.3 162.0
LAB^*_e = 57.1 −59.3 19.2
rgb^*_e = 0.0 1.0 0.216

C_e Blue green
LCH^*_e = 54.5 47.7 217.0
LAB^*_e = 54.5 −38.1 −28.7
rgb^*_e = 0.0 1.0 0.914

M_e Blue red
LCH^*_e = 33.6 55.2 329.0
LAB^*_e = 33.6 47.3 −28.4
rgb^*_e = 0.437 0.0 1.0

B_e Blue
LCH^*_e = 35.3 46.9 272.0
LAB^*_e = 35.3 1.6 −46.9
rgb^*_e = 0.0 0.274 1.0



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

J_s Yellow
LCH^*_s = 82.8 78.2 90.0
LAB^*_s = 82.8 0.0 78.2
rgb^*_s = 1.0 0.758 0.0

R_s Red
LCH^*_s = 45.8 70.3 30.0
LAB^*_s = 45.8 60.9 35.1
rgb^*_s = 1.0 0.0 0.13

G_s Green
LCH^*_s = 56.9 73.8 150.0
LAB^*_s = 56.9 −63.9 36.9
rgb^*_s = 0.0 1.0 0.0

C_s Blue green
LCH^*_s = 55.9 46.3 210.0
LAB^*_s = 55.9 −40.1 −23.1
rgb^*_s = 0.0 1.0 0.847

M_s Blue red
LCH^*_s = 34.0 55.6 330.0
LAB^*_s = 34.0 48.1 −27.8
rgb^*_s = 0.461 0.0 1.0

B_s Blue
LCH^*_s = 36.1 47.0 270.0
LAB^*_s = 36.1 0.0 −47.0
rgb^*_s = 0.0 0.294 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 laser printer HRS27_96; separation cmy0*, 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:* $h_{ab,d}$ = 33.7, 99.3, 150.0, 227.4, 300.0, 351.0; 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
33.7	30.0	25.5	1.0	0.0	0.0	46.3	61.1	40.8	73.5	33.7	1.0	0.0	0.131	45.9	60.9	35.2	70.4	30	1.0	0.0	0.0	1.0	0.0	0.245	45.1	61.4	28.6	67.8	25	1.0	0.0	0.0			
45.0	37.5	33.8	1.0	0.125	0.0	52.6	55.8	55.8	78.9	45.0	1.0	0.048	0.0	48.7	59.5	46.5	75.6	38	1.0	0.125	0.0	1.0	0.003	0.0	46.4	61.0	41.2	73.6	34	1.0	0.125	0.0			
56.3	45.0	42.2	1.0	0.25	0.0	59.9	41.3	62.0	74.5	56.3	1.0	0.125	0.0	52.6	55.8	55.8	78.9	45	1.0	0.25	0.0	1.0	0.092	0.0	50.9	57.6	51.9	77.5	42	1.0	0.25	0.0			
65.8	52.5	50.5	1.0	0.375	0.0	65.7	30.2	67.4	73.8	65.8	1.0	0.213	0.0	57.7	45.6	60.5	75.8	53	1.0	0.375	0.0	1.0	0.191	0.0	56.4	48.2	59.5	76.6	51	1.0	0.375	0.0			
74.8	60.0	58.9	1.0	0.5	0.0	71.5	19.5	72.0	74.6	74.8	1.0	0.298	0.0	62.1	37.1	64.3	74.3	60	1.0	0.5	0.0	1.0	0.285	0.0	61.5	38.3	63.7	74.3	59	1.0	0.5	0.0			
81.0	67.5	67.2	1.0	0.625	0.0	75.7	11.9	75.5	76.5	81.0	1.0	0.405	0.0	67.1	27.7	68.6	74.0	68	1.0	0.625	0.0	1.0	0.391	0.0	66.4	28.9	68.1	73.9	67	1.0	0.625	0.0			
89.6	75.0	75.6	1.0	0.75	0.0	82.5	0.5	78.6	78.6	89.6	1.0	0.503	0.0	71.6	19.3	72.1	74.6	75	1.0	0.75	0.0	1.0	0.523	0.0	72.3	18.1	72.7	75.0	76	1.0	0.75	0.0			
94.8	82.5	84.0	1.0	0.875	0.0	87.2	−6.1	73.2	73.5	94.8	1.0	0.654	0.0	77.3	9.4	76.4	77.0	83	1.0	0.875	0.0	1.0	0.668	0.0	78.1	8.1	76.8	77.2	84	1.0	0.875	0.0			
99.3	90.0	92.3	1.0	1.0	0.0	91.6	−13.8	85.1	86.2	99.3	1.0	0.759	0.0	82.8	0.0	78.2	78.2	90	1.0	1.0	0.0	1.0	0.807	0.0	84.6	−2.6	76.2	76.3	92	1.0	1.0	0.0			
100.6	97.5	101.1	0.875	1.0	0.0	93.6	−17.5	93.5	95.1	100.6	1.0	0.964	0.0	90.3	−11.4	81.7	82.5	98	0.875	1.0	0.0	0.865	1.0	0.0	93.2	−18.0	93.0	94.7	101	0.875	1.0	0.0			
105.0	105.0	109.8	0.75	1.0	0.0	88.6	−23.2	87.1	90.1	105.0	0.749	1.0	0.0	88.5	−23.2	87.0	90.1	105	0.75	1.0	0.0	0.676	1.0	0.0	83.6	−28.5	78.6	83.7	110	0.75	1.0	0.0			
113.4	112.5	118.5	0.625	1.0	0.0	80.3	−31.4	72.8	79.3	113.4	0.631	1.0	0.0	80.7	−31.1	73.5	79.8	113	0.625	1.0	0.0	0.54	1.0	0.0	75.9	−36.6	66.2	75.7	119	0.625	1.0	0.0			
121.7	120.0	127.3	0.5	1.0	0.0	73.8	−38.7	62.9	73.9	121.7	0.525	1.0	0.0	75.1	−37.4	65.0	75.0	120	0.5	1.0	0.0	0.402	1.0	0.0	70.1	−43.3	57.7	72.2	127	0.5	1.0	0.0			
128.4	127.5	136.0	0.375	1.0	0.0	69.1	−44.5	56.2	71.7	128.4	0.383	1.0	0.0	69.4	−44.1	56.6	71.9	128	0.375	1.0	0.0	0.264	1.0	0.0	64.5	−52.0	50.4	72.5	136	0.375	1.0	0.0			
136.9	135.0	144.7	0.25	1.0	0.0	63.9	−52.9	49.6	72.6	136.9	0.278	1.0	0.0	65.1	−51.1	51.2	72.4	135	0.25	1.0	0.0	0.113	1.0	0.0	59.9	−59.1	41.5	72.3	145	0.25	1.0	0.0			
144.5	142.5	153.5	0.125	1.0	0.0	60.3	−58.6	41.9	72.1	144.5	0.149	1.0	0.0	61.0	−57.6	43.4	72.2	143	0.125	1.0	0.0	0.0	1.0	0.061	56.9	−63.2	32.2	71.0	153	0.125	1.0	0.0			
150.0	150.0	162.2	0.0	1.0	0.0	57.0	−63.9	37.0	73.9	150.0	0.0	1.0	0.0	57.0	−63.9	36.9	73.9	150	0.0	1.0	0.0	0.0	1.0	0.217	57.1	−59.2	19.3	62.4	162	0.0	1.0	0.0			
156.2	157.5	169.1	0.0	1.0	0.125	56.9	−62.1	27.5	68.0	156.2	0.0	1.0	0.154	57.0	−61.3	24.8	66.2	158	0.0	1.0	0.125	0.0	1.0	0.321	57.2	−56.1	10.9	57.3	169	0.0	1.0	0.125			
164.1	165.0	175.9	0.0	1.0	0.25	57.2	−57.9	16.5	60.3	164.1	0.0	1.0	0.263	57.2	−57.6	15.5	59.8	165	0.0	1.0	0.25	0.0	1.0	0.42	57.2	−52.9	3.7	53.1	176	0.0	1.0	0.25			
172.7	172.5	182.8	0.0	1.0	0.375	57.1	−54.4	6.9	54.9	172.7	0.0	1.0	0.379	57.2	−54.3	6.7	54.8	173	0.0	1.0	0.375	0.0	1.0	0.513	57.4	−49.5	−2.5	49.6	183	0.0	1.0	0.375			
181.8	180.0	189.6	0.0	1.0	0.5	57.3	−49.9	−1.5	50.0	181.8	0.0	1.0	0.475	57.3	−50.9	0.0	51.0	180	0.0	1.0	0.5	0.0	1.0	0.592	57.7	−46.6	−8.1	47.4	190	0.0	1.0	0.5			
192.9	187.5	196.4	0.0	1.0	0.625	57.8	−45.2	−10.3	46.5	192.9	0.0	1.0	0.57	57.6	−47.5	−6.6	48.1	188	0.0	1.0	0.625	0.0	1.0	0.667	57.6	−44.2	−12.6	46.1	196	0.0	1.0	0.625			
202.0	195.0	203.3	0.0	1.0	0.75	57.2	−41.9	−16.9	45.4	202.0	0.0	1.0	0.654	57.6	−44.6	−11.9	46.2	195	0.0	1.0	0.75	0.0	1.0	0.762	57.0	−41.8	−17.7	45.5	203	0.0	1.0	0.75			
212.3	202.5	210.1	0.0	1.0	0.875	55.6	−39.4	−24.8	46.7	212.3	0.0	1.0	0.762	57.0	−41.8	−17.7	45.5	203	0.0	1.0	0.875	0.0	1.0	0.847	55.9	−40.1	−23.1	46.4	210	0.0	1.0	0.875			
227.4	210.0	217.0	0.0	1.0	1.0	52.2	−33.9	−36.9	50.3	227.4	0.0	1.0	0.847	55.9	−40.1	−23.1	46.4	210	0.0	1.0	1.0	0.0	1.0	0.914	54.5	−38.1	−28.7	47.8	217	0.0	1.0	1.0			
230.9	217.5	223.8	0.0	0.875	1.0	51.4	−32.0	−39.4	50.9	230.9	0.0	1.0	0.922	54.3	−37.7	−29.5	48.0	218	0.0	0.875	1.0	0.0	1.0	0.972	53.0	−35.5	−34.3	49.5	224	0.0	0.875	1.0			
236.7	225.0	230.7	0.0	0.75	1.0	51.1	−28.5	−43.5	52.1	236.7	0.0	1.0	0.98	52.7	−35.0	−35.0	49.7	225	0.0	0.75	1.0	0.0	0.873	1.0	51.4	−32.0	−39.5	51.0	231	0.0	0.75	1.0			
245.6	232.5	237.5	0.0	0.625	1.0	48.3	−20.9	−46.4	51.0	245.6	0.0	0.83	1.0	51.3	−30.8	−40.9	51.4	233	0.0	0.625	1.0	0.0	0.732	1.0	50.7	−27.4	−44.0	52.0	238	0.0	0.625	1.0			
253.0	240.0	244.4	0.0	0.5	1.0	44.1	−14.2	−46.6	48.8	253.0	0.0	0.704	1.0	50.1	−25.8	−44.7	51.7	240	0.0	0.5	1.0	0.0	0.648	1.0	48.8	−22.4	−45.9	51.2	244	0.0	0.5	1.0			
262.2	247.5	251.2	0.0	0.375	1.0	39.4	−6.3	−46.6	47.1	262.2	0.0	0.585	1.0	47.0	−18.8	−46.6	50.3	248	0.0	0.375	1.0	0.0	0.534	1.0	45.3	−16.0	−46.6	49.4	251	0.0	0.375	1.0			
274.4	255.0	258.0	0.0	0.25	1.0	34.3	3.6	−46.7	46.9	274.4	0.0	0.473	1.0	43.1	−12.4	−46.7	48.5	255	0.0	0.25	1.0	0.0	0.432	1.0	41.6	−9.9	−46.7	47.9	258	0.0	0.25	1.0			
287.5	262.5	264.9	0.0	0.125	1.0	33.8	13.8	−43.4	45.6	287.5	0.0	0.367	1.0	39.1	−5.6	−46.7	47.1	263	0.0	0.125	1.0	0.0	0.346	1.0	38.3	−4.0	−46.8	47.1	265	0.0	0.125	1.0			
300.0	270.0	271.7	0.0	0.0	1.0	31.7	23.6	−40.8	47.2	300.0	0.0	0.295	1.0	36.2	0.0	−46.9	47.0	270	0.0	0.0	1.0	0.0	0.274	1.0	35.3	1.6	−46.9	47.0	272	0.0	0.0	1.0			
308.9	277.5	278.8	0.125	0.0	1.0	31.2	30.7	−38.0	48.9	308.9	0.0	0.216	1.0	34.2	6.5	−46.0	46.6	278	0.125	0.0	1.0	0.0	0.206	1.0	34.1	7.3	−45.8	46.5	279	0.125	0.0	1.0			
319.2	285.0	286.0	0.25	0.0	1.0	30.9	39.2	−33.7	51.8	319.2	0.0	0.149	1.0	33.9	11.9	−44.2	45.9	285	0.25	0.0	1.0	0.0	0.14	1.0	33.8	12.6	−43.9	45.8	286	0.25	0.0	1.0			
326.4	292.5	293.1	0.375	0.0	1.0	32.4	45.1	−29.8	54.1	326.4	0.0	0.07	1.0	32.9	18.1	−42.5	46.3	293	0.375	0.0	1.0	0.0	0.07	1.0	32.9	18.1	−42.5	46.3	293	0.375	0.0	1.0			
331.6	300.0	300.2	0.5	0.0	1.0	34.8	49.5	−26.7	56.3	331.6	0.0	0.0	1.0	31.7	23.6	−40.8	47.2	300	0.5	0.0	1.0	0.0	0.0	1.0	31.7	23.6	−40.8	47.2	300	0.5	0.0	1.0			
336.6	307.5	307.3	0.625	0.0	1.0	37.2	54.1	−23.3	58.9	336.6	0.113	0.0	1.0	31.3	30.0	−38.3	48.7	308	0.625	0.0	1.0	0.099	0.0	1.0	31.3	29.2	−38.7	48.5	307	0.625	0.0	1.0			
342.1	315.0	314.4	0.75	0.0	1.0	39.3	60.0	−19.3	63.0	342.1	0.199	0.0	1.0	31.1	35.8	−35.7	50.6	315	0.75	0.0	1.0	0.187	0.0	1.0	31.1	35.0	−36.1	50.3	314	0.75	0.0	1.0			
346.1	322.5	321.5	0.875	0.0	1.0	41.6	65.1	−16.0	67.0	346.1	0.316	0.0	1.0	31.7	42.3	−31.8	53.0	323	0.875	0.0	1.0	0.281	0.0	1.0	31.3	40.7	−32.9	52.4	321	0.875	0.0	1.0			
351.0	330.0	328.6	1.0	0.0	1.0	45.4	70.6	−11.1	71.4	351.0	0.462	0.0	1.0	34.1	48.2	−27.7	55.6	330	1.0	0.0	1.0	0.437	0.0	1.0	33.6	47.3	−28.3	55.2	329	1.0	0.0	1.0			
353.8	337.5	335.7	1.0	0.0	0.875	44.9	70.7	−7.6	71.1	353.8	0.657	0.0	1.0	37.7	55.6	−22.4	60.0	338	1.0	0.0	0.875	0.61	0.0	1.0	36.9	53.5	−23.7	58.6	336	1.0	0.0	0.875			
359.8	345.0	342.8	1.0	0.0	0.75	44.8	68.9	−0.1	68.9	359.8	0.84	0.0	1.0	41.0	63.7	−17.0	65.9	345	1.0	0.0	0.75	0.779	0.0	1.0	39.8	61.2	−18.6	64.0	343	1.0	0.0	0.75			
366.9	352.5	349.9	1.0	0.0	0.625	44.7	66.2	8.0	66.7	366.9	1.0	0.0	0.911	45.0	70.7	−8.6	71.2	353	1.0	0.0	0.625	0.975	0.0	1.0	44.6	69.5	−12.2	70.6	350	1.0	0.0	0.625			
373.2	360.0	357.0	1.0	0.0	0.5	44.6	63.8	14.9	65.6	373.2	1.0	0.0	0.747	44.8	68.9	0.0	68.9	0	1.0	0.0	0.5	1.0	0.0	0.809	44.8	69.9	−3.6	70.0	357	1.0	0.0	0.5			
379.5	367.5	364.2	1.0	0.0	0.375	44.8	62.0	21.9	65.8	379.5	1.0	0.0	0.603	44.7	65.8	9.3	66.5	8	1.0	0.0	0.375	1.0	0.0	0.676	44.8	67.4	4.7	67.6	4	1.0	0.0	0.375			
384.8	375.0	371.3	1.0	0.0	0.25	45.1	61.4	28.3	67.7	384.8	1.0	0.0	0.464	44.6	63.4	17.0	65.6	15	1.0	0.0	0.25	1.0	0.0	0.543	44.6	64.7	12.6	65.9	11	1.0	0.0	0.25			
390.3	382.5	378.4	1.0	0.0	0.125	45.9	60.9	35.5	70.5	390.3	1.0	0.0	0.291	45.0	61.7	26.2	67.0	23	1.0	0.0	0.125	1.0	0.0	0.404	44.8	62.5	20.3	65.7	18	1.0	0.0	0.125			
393.7	390.0	385.5	1.0	0.0	0.0	46.3	61.1	40.8	73.5	393.7	1.0	0.0	0.131	45.9	60.9	35.2	70.4	30	1.0	0.0	0.0	1.0	0.0	0.245	45.1	61.4	28.6	67.8	25	1.0	0.0	0.0			

Data of Maximum color M in colorimetric system laser printer HRS27_96; separation cmy0*, 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:* $h_{ab,d}$ = 33.7, 99.3, 150.0, 227.4, 300.0, 351.0; 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**$_{de}$
33	30	25	1.0	0.0	0.026	46.2	61.1	39.7	72.9	33	R_d	1.0	0.0	0.131	45.9	60.9	35.2	70.4	30	1.0	0.0	0.0R_s	1.0	0.0	0.245	45.1	61.4	28.6	67.8	25	1.0	0.0	0.0R_e			
34	31	27	1.0	0.003	0.0	46.4	61.0	41.2	73.6	34		1.0	0.0	0.098	46.0	61.0	36.6	71.1	31	1.0	0.017	0.0	1.0	0.0	0.199	45.4	61.3	31.2	68.8	27	1.0	0.017	0.0			
35	32	28	1.0	0.014	0.0	47.0	60.7	42.5	74.1	35		1.0	0.0	0.062	46.1	61.1	38.2	72.0	32	1.0	0.033	0.0	1.0	0.0	0.176	45.6	61.2	32.5	69.3	28	1.0	0.033	0.0			
36	33	29	1.0	0.025	0.0	47.6	60.3	43.8	74.6	36		1.0	0.0	0.026	46.2	61.1	39.7	72.9	33	1.0	0.05	0.0	1.0	0.0	0.154	45.7	61.1	33.9	69.8	29	1.0	0.05	0.0			
37	34	30	1.0	0.037	0.0	48.1	60.0	45.2	75.1	37		1.0	0.003	0.0	46.4	61.0	41.2	73.6	34	1.0	0.067	0.0	1.0	0.0	0.131	45.9	60.9	35.2	70.4	30	1.0	0.067	0.0			
38	35	31	1.0	0.048	0.0	48.7	59.5	46.5	75.6	38		1.0	0.014	0.0	47.0	60.7	42.5	74.1	35	1.0	0.083	0.0	1.0	0.0	0.098	46.0	61.0	36.6	71.1	31	1.0	0.083	0.0			
39	36	32	1.0	0.059	0.0	49.2	59.1	47.9	76.0	39		1.0	0.025	0.0	47.6	60.3	43.8	74.6	36	1.0	0.1	0.0	1.0	0.0	0.062	46.1	61.1	38.2	72.0	32	1.0	0.1	0.0			
40	37	33	1.0	0.07	0.0	49.8	58.6	49.2	76.5	40		1.0	0.037	0.0	48.1	60.0	45.2	75.1	37	1.0	0.117	0.0	1.0	0.0	0.026	46.2	61.1	39.7	72.9	33	1.0	0.117	0.0			
41	38	34	1.0	0.081	0.0	50.4	58.1	50.5	77.0	41		1.0	0.048	0.0	48.7	59.5	46.5	75.6	38	1.0	0.133	0.0	1.0	0.003	0.0	46.4	61.0	41.2	73.6	34	1.0	0.133	0.0			
42	39	36	1.0	0.092	0.0	50.9	57.6	51.9	77.5	42		1.0	0.059	0.0	49.2	59.1	47.9	76.0	39	1.0	0.15	0.0	1.0	0.025	0.0	47.6	60.3	43.8	74.6	36	1.0	0.15	0.0			
43	40	37	1.0	0.103	0.0	51.5	57.0	53.2	78.0	43		1.0	0.07	0.0	49.8	58.6	49.2	76.5	40	1.0	0.167	0.0	1.0	0.037	0.0	48.1	60.0	45.2	75.1	37	1.0	0.167	0.0			
44	41	38	1.0	0.114	0.0	52.0	56.4	54.5	78.5	44		1.0	0.081	0.0	50.4	58.1	50.5	77.0	41	1.0	0.183	0.0	1.0	0.048	0.0	48.7	59.5	46.5	75.6	38	1.0	0.183	0.0			
45	42	39	1.0	0.125	0.0	52.6	55.8	55.8	78.9	45		1.0	0.092	0.0	50.9	57.6	51.9	77.5	42	1.0	0.2	0.0	1.0	0.059	0.0	49.2	59.1	47.9	76.0	39	1.0	0.2	0.0			
46	43	40	1.0	0.136	0.0	53.2	54.6	56.5	78.5	46		1.0	0.103	0.0	51.5	57.0	53.2	78.0	43	1.0	0.217	0.0	1.0	0.07	0.0	49.8	58.6	49.2	76.5	40	1.0	0.217	0.0			
47	44	41	1.0	0.147	0.0	53.9	53.3	57.2	78.2	47		1.0	0.114	0.0	52.0	56.4	54.5	78.5	44	1.0	0.233	0.0	1.0	0.081	0.0	50.4	58.1	50.5	77.0	41	1.0	0.233	0.0			
48	45	42	1.0	0.158	0.0	54.5	52.0	57.8	77.8	48		1.0	0.125	0.0	52.6	55.8	55.8	78.9	45	1.0	0.25	0.0	1.0	0.092	0.0	50.9	57.6	51.9	77.5	42	1.0	0.25	0.0			
49	46	43	1.0	0.169	0.0	55.2	50.8	58.4	77.4	49		1.0	0.136	0.0	53.2	54.6	56.5	78.5	46	1.0	0.267	0.0	1.0	0.103	0.0	51.5	57.0	53.2	78.0	43	1.0	0.267	0.0			
50	47	44	1.0	0.18	0.0	55.8	49.5	59.0	77.0	50		1.0	0.147	0.0	53.9	53.3	57.2	78.2	47	1.0	0.283	0.0	1.0	0.114	0.0	52.0	56.4	54.5	78.5	44	1.0	0.283	0.0			
51	48	46	1.0	0.191	0.0	56.4	48.2	59.5	76.6	51		1.0	0.158	0.0	54.5	52.0	57.8	77.8	48	1.0	0.3	0.0	1.0	0.136	0.0	53.2	54.6	56.5	78.5	46	1.0	0.3	0.0			
52	49	47	1.0	0.202	0.0	57.1	46.9	60.1	76.2	52		1.0	0.169	0.0	55.2	50.8	58.4	77.4	49	1.0	0.317	0.0	1.0	0.147	0.0	53.9	53.3	57.2	78.2	47	1.0	0.317	0.0			
53	50	48	1.0	0.213	0.0	57.7	45.6	60.5	75.8	53		1.0	0.18	0.0	55.8	49.5	59.0	77.0	50	1.0	0.333	0.0	1.0	0.158	0.0	54.5	52.0	57.8	77.8	48	1.0	0.333	0.0			
54	51	49	1.0	0.224	0.0	58.4	44.3	61.0	75.4	54		1.0	0.191	0.0	56.4	48.2	59.5	76.6	51	1.0	0.35	0.0	1.0	0.169	0.0	55.2	50.8	58.4	77.4	49	1.0	0.35	0.0			
55	52	50	1.0	0.235	0.0	59.0	43.0	61.5	75.0	55		1.0	0.202	0.0	57.1	46.9	60.1	76.2	52	1.0	0.367	0.0	1.0	0.18	0.0	55.8	49.5	59.0	77.0	50	1.0	0.367	0.0			
56	53	51	1.0	0.246	0.0	59.7	41.7	61.9	74.6	56		1.0	0.213	0.0	57.7	45.6	60.5	75.8	53	1.0	0.383	0.0	1.0	0.191	0.0	56.4	48.2	59.5	76.6	51	1.0	0.383	0.0			
57	54	52	1.0	0.259	0.0	60.3	40.6	62.5	74.5	57		1.0	0.224	0.0	58.4	44.3	61.0	75.4	54	1.0	0.4	0.0	1.0	0.202	0.0	57.1	46.9	60.1	76.2	52	1.0	0.4	0.0			
58	55	53	1.0	0.272	0.0	60.9	39.4	63.1	74.4	58		1.0	0.235	0.0	59.0	43.0	61.5	75.0	55	1.0	0.417	0.0	1.0	0.213	0.0	57.7	45.6	60.5	75.8	53	1.0	0.417	0.0			
59	56	54	1.0	0.285	0.0	61.5	38.3	63.7	74.3	59		1.0	0.246	0.0	59.7	41.7	61.9	74.6	56	1.0	0.433	0.0	1.0	0.224	0.0	58.4	44.3	61.0	75.4	54	1.0	0.433	0.0			
60	57	56	1.0	0.298	0.0	62.1	37.1	64.3	74.3	60		1.0	0.259	0.0	60.3	40.6	62.5	74.5	57	1.0	0.45	0.0	1.0	0.246	0.0	59.7	41.7	61.9	74.6	56	1.0	0.45	0.0			
61	58	57	1.0	0.312	0.0	62.7	36.0	64.9	74.2	61		1.0	0.272	0.0	60.9	39.4	63.1	74.4	58	1.0	0.467	0.0	1.0	0.259	0.0	60.3	40.6	62.5	74.5	57	1.0	0.467	0.0			
62	59	58	1.0	0.325	0.0	63.3	34.8	65.4	74.1	62		1.0	0.285	0.0	61.5	38.3	63.7	74.3	59	1.0	0.483	0.0	1.0	0.272	0.0	60.9	39.4	63.1	74.4	58	1.0	0.483	0.0			
63	60	59	1.0	0.338	0.0	64.0	33.6	66.0	74.0	63		1.0	0.298	0.0	62.1	37.1	64.3	74.3	60	1.0	0.5	0.0	1.0	0.285	0.0	61.5	38.3	63.7	74.3	59	1.0	0.5	0.0			
64	61	60	1.0	0.351	0.0	64.6	32.4	66.5	74.0	64		1.0	0.312	0.0	62.7	36.0	64.9	74.2	61	1.0	0.517	0.0	1.0	0.298	0.0	62.1	37.1	64.3	74.3	60	1.0	0.517	0.0			
65	62	61	1.0	0.364	0.0	65.2	31.2	67.0	73.9	65		1.0	0.325	0.0	63.3	34.8	65.4	74.1	62	1.0	0.533	0.0	1.0	0.312	0.0	62.7	36.0	64.9	74.2	61	1.0	0.533	0.0			
66	63	62	1.0	0.378	0.0	65.8	30.0	67.5	73.8	66		1.0	0.338	0.0	64.0	33.6	66.0	74.0	63	1.0	0.55	0.0	1.0	0.325	0.0	63.3	34.8	65.4	74.1	62	1.0	0.55	0.0			
67	64	63	1.0	0.391	0.0	66.4	28.9	68.1	73.9	67		1.0	0.351	0.0	64.6	32.4	66.5	74.0	64	1.0	0.567	0.0	1.0	0.338	0.0	64.0	33.6	66.0	74.0	63	1.0	0.567	0.0			
68	65	64	1.0	0.405	0.0	67.1	27.7	68.6	74.0	68		1.0	0.364	0.0	65.2	31.2	67.0	73.9	65	1.0	0.583	0.0	1.0	0.351	0.0	64.6	32.4	66.5	74.0	64	1.0	0.583	0.0			
69	66	66	1.0	0.419	0.0	67.7	26.6	69.2	74.1	69		1.0	0.378	0.0	65.8	30.0	67.5	73.8	66	1.0	0.6	0.0	1.0	0.378	0.0	65.8	30.0	67.5	73.8	66	1.0	0.6	0.0			
70	67	67	1.0	0.433	0.0	68.4	25.4	69.7	74.2	70		1.0	0.391	0.0	66.4	28.9	68.1	73.9	67	1.0	0.617	0.0	1.0	0.391	0.0	66.4	28.9	68.1	73.9	67	1.0	0.617	0.0			
71	68	68	1.0	0.447	0.0	69.0	24.2	70.2	74.3	71		1.0	0.405	0.0	67.1	27.7	68.6	74.0	68	1.0	0.633	0.0	1.0	0.405	0.0	67.1	27.7	68.6	74.0	68	1.0	0.633	0.0			
72	69	69	1.0	0.461	0.0	69.6	23.0	70.7	74.4	72		1.0	0.419	0.0	67.7	26.6	69.2	74.1	69	1.0	0.65	0.0	1.0	0.419	0.0	67.7	26.6	69.2	74.1	69	1.0	0.65	0.0			
73	70	70	1.0	0.475	0.0	70.3	21.8	71.2	74.4	73		1.0	0.433	0.0	68.4	25.4	69.7	74.2	70	1.0	0.667	0.0	1.0	0.433	0.0	68.4	25.4	69.7	74.2	70	1.0	0.667	0.0			
74	71	71	1.0	0.488	0.0	70.9	20.5	71.6	74.5	74		1.0	0.447	0.0	69.0	24.2	70.2	74.3	71	1.0	0.683	0.0	1.0	0.447	0.0	69.0	24.2	70.2	74.3	71	1.0	0.683	0.0			
75	72	72	1.0	0.503	0.0	71.6	19.3	72.1	74.6	75		1.0	0.461	0.0	69.6	23.0	70.7	74.4	72	1.0	0.7	0.0	1.0	0.461	0.0	69.6	23.0	70.7	74.4	72	1.0	0.7	0.0			
76	73	73	1.0	0.523	0.0	72.3	18.1	72.7	75.0	76		1.0	0.475	0.0	70.3	21.8	71.2	74.4	73	1.0	0.717	0.0	1.0	0.475	0.0	70.3	21.8	71.2	74.4	73	1.0	0.717	0.0			
77	74	74	1.0	0.544	0.0	73.0	16.9	73.3	75.3	77		1.0	0.488	0.0	70.9	20.5	71.6	74.5	74	1.0	0.733	0.0	1.0	0.488	0.0	70.9	20.5	71.6	74.5	74	1.0	0.733	0.0			
78	75	76	1.0	0.564	0.0	73.6	15.7	73.9	75.6	78		1.0	0.503	0.0	71.6	19.3	72.1	74.6	75	1.0	0.75	0.0	1.0	0.523	0.0	72.3	18.1	72.7	75.0	76	1.0	0.75	0.0			

Data of Maximum color M in colorimetric system laser printer HRS27_96; separation cmy0*, 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:* $h_{ab,d}$ = 33.7, 99.3, 150.0, 227.4, 300.0, 351.0; 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
78	75	76	1.0	0.564	0.0	73.6	15.7	73.9	75.6	78	1.0	0.503	0.0	71.6	19.3	72.1	74.6	75	1.0	0.75	0.0	1.0	0.523	0.0	72.3	18.1	72.7	75.0	76	1.0	0.75	0.0			
79	76	77	1.0	0.584	0.0	74.3	14.5	74.5	75.9	79	1.0	0.523	0.0	72.3	18.1	72.7	75.0	76	1.0	0.767	0.0	1.0	0.544	0.0	73.0	16.9	73.3	75.3	77	1.0	0.767	0.0			
80	77	78	1.0	0.604	0.0	75.0	13.2	75.0	76.2	80	1.0	0.544	0.0	73.0	16.9	73.3	75.3	77	1.0	0.783	0.0	1.0	0.564	0.0	73.6	15.7	73.9	75.6	78	1.0	0.783	0.0			
81	78	79	1.0	0.624	0.0	75.7	12.0	75.5	76.5	81	1.0	0.564	0.0	73.6	15.7	73.9	75.6	78	1.0	0.8	0.0	1.0	0.584	0.0	74.3	14.5	74.5	75.9	79	1.0	0.8	0.0			
82	79	80	1.0	0.639	0.0	76.5	10.7	76.0	76.7	82	1.0	0.584	0.0	74.3	14.5	74.5	75.9	79	1.0	0.817	0.0	1.0	0.604	0.0	75.0	13.2	75.0	76.2	80	1.0	0.817	0.0			
83	80	81	1.0	0.654	0.0	77.3	9.4	76.4	77.0	83	1.0	0.604	0.0	75.0	13.2	75.0	76.2	80	1.0	0.833	0.0	1.0	0.624	0.0	75.7	12.0	75.5	76.5	81	1.0	0.833	0.0			
84	81	82	1.0	0.668	0.0	78.1	8.1	76.8	77.2	84	1.0	0.624	0.0	75.7	12.0	75.5	76.5	81	1.0	0.85	0.0	1.0	0.639	0.0	76.5	10.7	76.0	76.7	82	1.0	0.85	0.0			
85	82	83	1.0	0.683	0.0	78.8	6.8	77.2	77.5	85	1.0	0.639	0.0	76.5	10.7	76.0	76.7	82	1.0	0.867	0.0	1.0	0.654	0.0	77.3	9.4	76.4	77.0	83	1.0	0.867	0.0			
86	83	85	1.0	0.697	0.0	79.6	5.4	77.5	77.7	86	1.0	0.654	0.0	77.3	9.4	76.4	77.0	83	1.0	0.883	0.0	1.0	0.683	0.0	78.8	6.8	77.2	77.5	85	1.0	0.883	0.0			
87	84	86	1.0	0.712	0.0	80.4	4.1	77.8	77.9	87	1.0	0.668	0.0	78.1	8.1	76.8	77.2	84	1.0	0.9	0.0	1.0	0.697	0.0	79.6	5.4	77.5	77.7	86	1.0	0.9	0.0			
88	85	87	1.0	0.726	0.0	81.2	2.7	78.1	78.2	88	1.0	0.683	0.0	78.8	6.8	77.2	77.5	85	1.0	0.917	0.0	1.0	0.712	0.0	80.4	4.1	77.8	77.9	87	1.0	0.917	0.0			
89	86	88	1.0	0.741	0.0	82.0	1.4	78.4	78.4	89	1.0	0.697	0.0	79.6	5.4	77.5	77.7	86	1.0	0.933	0.0	1.0	0.726	0.0	81.2	2.7	78.1	78.2	88	1.0	0.933	0.0			
90	87	89	1.0	0.759	0.0	82.8	0.0	78.2	78.2	90	1.0	0.712	0.0	80.4	4.1	77.8	77.9	87	1.0	0.95	0.0	1.0	0.741	0.0	82.0	1.4	78.4	78.4	89	1.0	0.95	0.0			
91	88	90	1.0	0.783	0.0	83.7	−1.2	77.2	77.3	91	1.0	0.726	0.0	81.2	2.7	78.1	78.2	88	1.0	0.967	0.0	1.0	0.759	0.0	82.8	0.0	78.2	78.2	90	1.0	0.967	0.0			
92	89	91	1.0	0.807	0.0	84.6	−2.6	76.2	76.3	92	1.0	0.741	0.0	82.0	1.4	78.4	78.4	89	1.0	0.983	0.0	1.0	0.783	0.0	83.7	−1.2	77.2	77.3	91	1.0	0.983	0.0			
93	90	92	1.0	0.831	0.0	85.5	−3.8	75.2	75.3	93	1.0	0.759	0.0	82.8	0.0	78.2	78.2	90	1.0	1.0	0.0 J_s	1.0	0.807	0.0	84.6	−2.6	76.2	76.3	92	1.0	1.0	0.0 J_e			
94	91	93	1.0	0.855	0.0	86.4	−5.1	74.1	74.3	94	1.0	0.783	0.0	83.7	−1.2	77.2	77.3	91	0.983	1.0	0.0	1.0	0.831	0.0	85.5	−3.8	75.2	75.3	93	0.983	1.0	0.0			
95	92	95	1.0	0.879	0.0	87.3	−6.3	73.6	73.9	95	1.0	0.807	0.0	84.6	−2.6	76.2	76.3	92	0.967	1.0	0.0	1.0	0.879	0.0	87.3	−6.3	73.6	73.9	95	0.967	1.0	0.0			
96	93	96	1.0	0.907	0.0	88.3	−7.9	76.4	76.8	96	1.0	0.831	0.0	85.5	−3.8	75.2	75.3	93	0.95	1.0	0.0	1.0	0.907	0.0	88.3	−7.9	76.4	76.8	96	0.95	1.0	0.0			
97	94	97	1.0	0.936	0.0	89.3	−9.6	79.1	79.6	97	1.0	0.855	0.0	86.4	−5.1	74.1	74.3	94	0.933	1.0	0.0	1.0	0.936	0.0	89.3	−9.6	79.1	79.6	97	0.933	1.0	0.0			
98	95	98	1.0	0.964	0.0	90.3	−11.4	81.7	82.5	98	1.0	0.879	0.0	87.3	−6.3	73.6	73.9	95	0.917	1.0	0.0	1.0	0.964	0.0	90.3	−11.4	81.7	82.5	98	0.917	1.0	0.0			
99	96	99	1.0	0.992	0.0	91.3	−13.3	84.3	85.4	99 J_d	1.0	0.907	0.0	88.3	−7.9	76.4	76.8	96	0.9	1.0	0.0	1.0	0.992	0.0	91.3	−13.3	84.3	85.4	99	0.9	1.0	0.0			
100	97	100	0.934	1.0	0.0	92.6	−15.7	89.5	90.9	100	1.0	0.936	0.0	89.3	−9.6	79.1	79.6	97	0.883	1.0	0.0	0.934	1.0	0.0	92.6	−15.7	89.5	90.9	100	0.883	1.0	0.0			
101	98	102	0.865	1.0	0.0	93.2	−18.0	93.0	94.7	101	1.0	0.964	0.0	90.3	−11.4	81.7	82.5	98	0.867	1.0	0.0	0.836	1.0	0.0	92.0	−19.4	91.5	93.6	102	0.867	1.0	0.0			
102	99	103	0.836	1.0	0.0	92.0	−19.4	91.5	93.6	102	1.0	0.992	0.0	91.3	−13.3	84.3	85.4	99	0.85	1.0	0.0	0.807	1.0	0.0	90.8	−20.7	90.0	92.4	103	0.85	1.0	0.0			
103	100	104	0.807	1.0	0.0	90.8	−20.7	90.0	92.4	103	0.934	1.0	0.0	92.6	−15.7	89.5	90.9	100	0.833	1.0	0.0	0.778	1.0	0.0	89.7	−22.0	88.5	91.2	104	0.833	1.0	0.0			
104	101	105	0.778	1.0	0.0	89.7	−22.0	88.5	91.2	104	0.865	1.0	0.0	93.2	−18.0	93.0	94.7	101	0.817	1.0	0.0	0.749	1.0	0.0	88.5	−23.2	87.0	90.1	105	0.817	1.0	0.0			
105	102	106	0.749	1.0	0.0	88.5	−23.2	87.0	90.1	105	0.836	1.0	0.0	92.0	−19.4	91.5	93.6	102	0.8	1.0	0.0	0.735	1.0	0.0	87.5	−24.4	85.3	88.8	106	0.8	1.0	0.0			
106	103	107	0.735	1.0	0.0	87.5	−24.4	85.3	88.8	106	0.807	1.0	0.0	90.8	−20.7	90.0	92.4	103	0.783	1.0	0.0	0.72	1.0	0.0	86.6	−25.5	83.7	87.5	107	0.783	1.0	0.0			
107	104	109	0.72	1.0	0.0	86.6	−25.5	83.7	87.5	107	0.778	1.0	0.0	89.7	−22.0	88.5	91.2	104	0.767	1.0	0.0	0.69	1.0	0.0	84.6	−27.6	80.3	85.0	109	0.767	1.0	0.0			
108	105	110	0.705	1.0	0.0	85.6	−26.5	82.0	86.2	108	0.749	1.0	0.0	88.5	−23.2	87.0	90.1	105	0.75	1.0	0.0	0.676	1.0	0.0	83.6	−28.5	78.6	83.7	110	0.75	1.0	0.0			
109	106	111	0.69	1.0	0.0	84.6	−27.6	80.3	85.0	109	0.735	1.0	0.0	87.5	−24.4	85.3	88.8	106	0.733	1.0	0.0	0.661	1.0	0.0	82.7	−29.4	76.9	82.4	111	0.733	1.0	0.0			
110	107	112	0.676	1.0	0.0	83.6	−28.5	78.6	83.7	110	0.72	1.0	0.0	86.6	−25.5	83.7	87.5	107	0.717	1.0	0.0	0.646	1.0	0.0	81.7	−30.3	75.2	81.1	112	0.717	1.0	0.0			
111	108	113	0.661	1.0	0.0	82.7	−29.4	76.9	82.4	111	0.705	1.0	0.0	85.6	−26.5	82.0	86.2	108	0.7	1.0	0.0	0.631	1.0	0.0	80.7	−31.1	73.5	79.8	113	0.7	1.0	0.0			
112	109	114	0.646	1.0	0.0	81.7	−30.3	75.2	81.1	112	0.69	1.0	0.0	84.6	−27.6	80.3	85.0	109	0.683	1.0	0.0	0.616	1.0	0.0	79.8	−32.0	72.1	78.9	114	0.683	1.0	0.0			
113	110	116	0.631	1.0	0.0	80.7	−31.1	73.5	79.8	113	0.676	1.0	0.0	83.6	−28.5	78.6	83.7	110	0.667	1.0	0.0	0.586	1.0	0.0	78.3	−33.9	69.8	77.6	116	0.667	1.0	0.0			
114	111	117	0.616	1.0	0.0	79.8	−32.0	72.1	78.9	114	0.661	1.0	0.0	82.7	−29.4	76.9	82.4	111	0.65	1.0	0.0	0.571	1.0	0.0	77.5	−34.8	68.6	77.0	117	0.65	1.0	0.0			
115	112	118	0.601	1.0	0.0	79.1	−33.0	70.9	78.3	115	0.646	1.0	0.0	81.7	−30.3	75.2	81.1	112	0.633	1.0	0.0	0.556	1.0	0.0	76.7	−35.7	67.4	76.3	118	0.633	1.0	0.0			
116	113	119	0.586	1.0	0.0	78.3	−33.9	69.8	77.6	116	0.631	1.0	0.0	80.7	−31.1	73.5	79.8	113	0.617	1.0	0.0	0.54	1.0	0.0	75.9	−36.6	66.2	75.7	119	0.617	1.0	0.0			
117	114	120	0.571	1.0	0.0	77.5	−34.8	68.6	77.0	117	0.616	1.0	0.0	79.8	−32.0	72.1	78.9	114	0.6	1.0	0.0	0.525	1.0	0.0	75.1	−37.4	65.0	75.0	120	0.6	1.0	0.0			
118	115	121	0.556	1.0	0.0	76.7	−35.7	67.4	76.3	118	0.601	1.0	0.0	79.1	−33.0	70.9	78.3	115	0.583	1.0	0.0	0.51	1.0	0.0	74.3	−38.2	63.7	74.4	121	0.583	1.0	0.0			
119	116	123	0.54	1.0	0.0	75.9	−36.6	66.2	75.7	119	0.586	1.0	0.0	78.3	−33.9	69.8	77.6	116	0.567	1.0	0.0	0.475	1.0	0.0	72.9	−39.9	61.6	73.5	123	0.567	1.0	0.0			
120	117	124	0.525	1.0	0.0	75.1	−37.4	65.0	75.0	120	0.571	1.0	0.0	77.5	−34.8	68.6	77.0	117	0.55	1.0	0.0	0.457	1.0	0.0	72.2	−40.8	60.7	73.2	124	0.55	1.0	0.0			
121	118	125	0.51	1.0	0.0	74.3	−38.2	63.7	74.4	121	0.556	1.0	0.0	76.7	−35.7	67.4	76.3	118	0.533	1.0	0.0	0.439	1.0	0.0	71.5	−41.7	59.7	72.8	125	0.533	1.0	0.0			
122	119	126	0.494	1.0	0.0	73.6	−39.0	62.6	73.8	122	0.54	1.0	0.0	75.9	−36.6	66.2	75.7	119	0.517	1.0	0.0	0.42	1.0	0.0	70.8	−42.5	58.7	72.5	126	0.517	1.0	0.0			
123	120	127	0.475	1.0	0.0	72.9	−39.9	61.6	73.5	123	0.525	1.0	0.0	75.1	−37.4	65.0	75.0	120	0.5	1.0	0.0	0.402	1.0	0.0	70.1	−43.3	57.7	72.2	127	0.5	1.0	0.0			

Data of Maximum color M in colorimetric system laser printer HRS27_96; separation cmy0*, 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:* $h_{ab,d}$ = 33.7, 99.3, 150.0, 227.4, 300.0, 351.0; 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
123	120	127	0.475	1.0	0.0	72.9	−39.9	61.6	73.5	123	0.525	1.0	0.0	75.1	−37.4	65.0	75.0	120	0.5	1.0	0.0	0.402	1.0	0.0	70.1	−43.3	57.7	72.2	127	0.5	1.0	0.0			
124	121	128	0.457	1.0	0.0	72.2	−40.8	60.7	73.2	124	0.51	1.0	0.0	74.3	−38.2	63.7	74.4	121	0.483	1.0	0.0	0.383	1.0	0.0	69.4	−44.1	56.6	71.9	128	0.483	1.0	0.0			
125	122	130	0.439	1.0	0.0	71.5	−41.7	59.7	72.8	125	0.494	1.0	0.0	73.6	−39.0	62.6	73.8	122	0.467	1.0	0.0	0.352	1.0	0.0	68.1	−46.1	55.1	71.9	130	0.467	1.0	0.0			
126	123	131	0.42	1.0	0.0	70.8	−42.5	58.7	72.5	126	0.475	1.0	0.0	72.9	−39.9	61.6	73.5	123	0.45	1.0	0.0	0.337	1.0	0.0	67.5	−47.1	54.3	72.0	131	0.45	1.0	0.0			
127	124	132	0.402	1.0	0.0	70.1	−43.3	57.7	72.2	127	0.457	1.0	0.0	72.2	−40.8	60.7	73.2	124	0.433	1.0	0.0	0.323	1.0	0.0	66.9	−48.1	53.6	72.1	132	0.433	1.0	0.0			
128	125	133	0.383	1.0	0.0	69.4	−44.1	56.6	71.9	128	0.439	1.0	0.0	71.5	−41.7	59.7	72.8	125	0.417	1.0	0.0	0.308	1.0	0.0	66.3	−49.1	52.8	72.2	133	0.417	1.0	0.0			
129	126	134	0.367	1.0	0.0	68.7	−45.1	55.8	71.8	129	0.42	1.0	0.0	70.8	−42.5	58.7	72.5	126	0.4	1.0	0.0	0.293	1.0	0.0	65.7	−50.1	52.0	72.3	134	0.4	1.0	0.0			
130	127	135	0.352	1.0	0.0	68.1	−46.1	55.1	71.9	130	0.402	1.0	0.0	70.1	−43.3	57.7	72.2	127	0.383	1.0	0.0	0.278	1.0	0.0	65.1	−51.1	51.2	72.4	135	0.383	1.0	0.0			
131	128	137	0.337	1.0	0.0	67.5	−47.1	54.3	72.0	131	0.383	1.0	0.0	69.4	−44.1	56.6	71.9	128	0.367	1.0	0.0	0.249	1.0	0.0	63.9	−53.0	49.5	72.6	137	0.367	1.0	0.0			
132	129	138	0.323	1.0	0.0	66.9	−48.1	53.6	72.1	132	0.367	1.0	0.0	68.7	−45.1	55.8	71.8	129	0.35	1.0	0.0	0.232	1.0	0.0	63.4	−53.8	48.5	72.5	138	0.35	1.0	0.0			
133	130	139	0.308	1.0	0.0	66.3	−49.1	52.8	72.2	133	0.352	1.0	0.0	68.1	−46.1	55.1	71.9	130	0.333	1.0	0.0	0.215	1.0	0.0	62.9	−54.6	47.5	72.4	139	0.333	1.0	0.0			
134	131	140	0.293	1.0	0.0	65.7	−50.1	52.0	72.3	134	0.337	1.0	0.0	67.5	−47.1	54.3	72.0	131	0.317	1.0	0.0	0.199	1.0	0.0	62.4	−55.3	46.5	72.4	140	0.317	1.0	0.0			
135	132	141	0.278	1.0	0.0	65.1	−51.1	51.2	72.4	135	0.323	1.0	0.0	66.9	−48.1	53.6	72.1	132	0.3	1.0	0.0	0.182	1.0	0.0	61.9	−56.1	45.5	72.3	141	0.3	1.0	0.0			
136	133	142	0.264	1.0	0.0	64.5	−52.0	50.4	72.5	136	0.308	1.0	0.0	66.3	−49.1	52.8	72.2	133	0.283	1.0	0.0	0.166	1.0	0.0	61.5	−56.8	44.5	72.2	142	0.283	1.0	0.0			
137	134	144	0.249	1.0	0.0	63.9	−53.0	49.5	72.6	137	0.293	1.0	0.0	65.7	−50.1	52.0	72.3	134	0.267	1.0	0.0	0.132	1.0	0.0	60.5	−58.2	42.4	72.1	144	0.267	1.0	0.0			
138	135	145	0.232	1.0	0.0	63.4	−53.8	48.5	72.5	138	0.278	1.0	0.0	65.1	−51.1	51.2	72.4	135	0.25	1.0	0.0	0.113	1.0	0.0	59.9	−59.1	41.5	72.3	145	0.25	1.0	0.0			
139	136	146	0.215	1.0	0.0	62.9	−54.6	47.5	72.4	139	0.264	1.0	0.0	64.5	−52.0	50.4	72.5	136	0.233	1.0	0.0	0.09	1.0	0.0	59.3	−60.1	40.6	72.6	146	0.233	1.0	0.0			
140	137	147	0.199	1.0	0.0	62.4	−55.3	46.5	72.4	140	0.249	1.0	0.0	63.9	−53.0	49.5	72.6	137	0.217	1.0	0.0	0.067	1.0	0.0	58.7	−61.1	39.7	72.9	147	0.217	1.0	0.0			
141	138	148	0.182	1.0	0.0	61.9	−56.1	45.5	72.3	141	0.232	1.0	0.0	63.4	−53.8	48.5	72.5	138	0.2	1.0	0.0	0.045	1.0	0.0	58.1	−62.0	38.8	73.3	148	0.2	1.0	0.0			
142	139	149	0.166	1.0	0.0	61.5	−56.8	44.5	72.2	142	0.215	1.0	0.0	62.9	−54.6	47.5	72.4	139	0.183	1.0	0.0	0.022	1.0	0.0	57.5	−63.0	37.9	73.6	149	0.183	1.0	0.0			
143	140	151	0.149	1.0	0.0	61.0	−57.6	43.4	72.2	143	0.199	1.0	0.0	62.4	−55.3	46.5	72.4	140	0.167	1.0	0.0	0.0	1.0	0.021	56.9	−63.7	35.4	72.9	151	0.167	1.0	0.0			
144	141	152	0.132	1.0	0.0	60.5	−58.2	42.4	72.1	144	0.182	1.0	0.0	61.9	−56.1	45.5	72.3	141	0.15	1.0	0.0	0.0	1.0	0.041	56.9	−63.4	33.8	72.0	152	0.15	1.0	0.0			
145	142	153	0.113	1.0	0.0	59.9	−59.1	41.5	72.3	145	0.166	1.0	0.0	61.5	−56.8	44.5	72.2	142	0.133	1.0	0.0	0.0	1.0	0.061	56.9	−63.2	32.2	71.0	153	0.133	1.0	0.0			
146	143	154	0.09	1.0	0.0	59.3	−60.1	40.6	72.6	146	0.149	1.0	0.0	61.0	−57.6	43.4	72.2	143	0.117	1.0	0.0	0.0	1.0	0.081	56.9	−62.9	30.7	70.1	154	0.117	1.0	0.0			
147	144	155	0.067	1.0	0.0	58.7	−61.1	39.7	72.9	147	0.132	1.0	0.0	60.5	−58.2	42.4	72.1	144	0.1	1.0	0.0	0.0	1.0	0.101	56.9	−62.5	29.2	69.1	155	0.1	1.0	0.0			
148	145	156	0.045	1.0	0.0	58.1	−62.0	38.8	73.3	148	0.113	1.0	0.0	59.9	−59.1	41.5	72.3	145	0.083	1.0	0.0	0.0	1.0	0.122	56.9	−62.2	27.7	68.2	156	0.083	1.0	0.0			
149	146	158	0.022	1.0	0.0	57.5	−63.0	37.9	73.6	149 G_d	0.09	1.0	0.0	59.3	−60.1	40.6	72.6	146	0.067	1.0	0.0	0.0	1.0	0.154	57.0	−61.3	24.8	66.2	158	0.067	1.0	0.0			
150	147	159	0.0	1.0	0.0	57.0	−63.9	36.9	73.9	150	0.067	1.0	0.0	58.7	−61.1	39.7	72.9	147	0.05	1.0	0.0	0.0	1.0	0.17	57.0	−60.8	23.4	65.3	159	0.05	1.0	0.0			
151	148	160	0.0	1.0	0.021	56.9	−63.7	35.4	72.9	151	0.045	1.0	0.0	58.1	−62.0	38.8	73.3	148	0.033	1.0	0.0	0.0	1.0	0.185	57.0	−60.3	22.0	64.3	160	0.033	1.0	0.0			
152	149	161	0.0	1.0	0.041	56.9	−63.4	33.8	72.0	152	0.022	1.0	0.0	57.5	−63.0	37.9	73.6	149	0.017	1.0	0.0	0.0	1.0	0.201	57.1	−59.8	20.6	63.3	161	0.017	1.0	0.0			
153	150	162	0.0	1.0	0.061	56.9	−63.2	32.2	71.0	153	0.0	1.0	0.0	57.0	−63.9	36.9	73.9	150	0.0	1.0	0.0 G_s	0.0	1.0	0.217	57.1	−59.2	19.3	62.4	162	0.0	1.0	0.0 G_e			
154	151	163	0.0	1.0	0.081	56.9	−62.9	30.7	70.1	154	0.0	1.0	0.021	56.9	−63.7	35.4	72.9	151	0.0	1.0	0.017	0.0	1.0	0.232	57.2	−58.6	18.0	61.4	163	0.0	1.0	0.017			
155	152	164	0.0	1.0	0.101	56.9	−62.5	29.2	69.1	155	0.0	1.0	0.041	56.9	−63.4	33.8	72.0	152	0.0	1.0	0.033	0.0	1.0	0.248	57.2	−58.0	16.7	60.4	164	0.0	1.0	0.033			
156	153	165	0.0	1.0	0.122	56.9	−62.2	27.7	68.2	156	0.0	1.0	0.061	56.9	−63.2	32.2	71.0	153	0.0	1.0	0.05	0.0	1.0	0.263	57.2	−57.6	15.5	59.8	165	0.0	1.0	0.05			
157	154	166	0.0	1.0	0.138	56.9	−61.7	26.3	67.2	157	0.0	1.0	0.081	56.9	−62.9	30.7	70.1	154	0.0	1.0	0.067	0.0	1.0	0.277	57.2	−57.3	14.3	59.1	166	0.0	1.0	0.067			
158	155	167	0.0	1.0	0.154	57.0	−61.3	24.8	66.2	158	0.0	1.0	0.101	56.9	−62.5	29.2	69.1	155	0.0	1.0	0.083	0.0	1.0	0.292	57.2	−56.9	13.2	58.5	167	0.0	1.0	0.083			
159	156	168	0.0	1.0	0.17	57.0	−60.8	23.4	65.3	159	0.0	1.0	0.122	56.9	−62.2	27.7	68.2	156	0.0	1.0	0.1	0.0	1.0	0.306	57.2	−56.5	12.0	57.9	168	0.0	1.0	0.1			
160	157	169	0.0	1.0	0.185	57.0	−60.3	22.0	64.3	160	0.0	1.0	0.138	56.9	−61.7	26.3	67.2	157	0.0	1.0	0.117	0.0	1.0	0.321	57.2	−56.1	10.9	57.3	169	0.0	1.0	0.117			
161	158	170	0.0	1.0	0.201	57.1	−59.8	20.6	63.3	161	0.0	1.0	0.154	57.0	−61.3	24.8	66.2	158	0.0	1.0	0.133	0.0	1.0	0.335	57.2	−55.7	9.8	56.6	170	0.0	1.0	0.133			
162	159	170	0.0	1.0	0.217	57.1	−59.2	19.3	62.4	162	0.0	1.0	0.17	57.0	−60.8	23.4	65.3	159	0.0	1.0	0.15	0.0	1.0	0.335	57.2	−55.7	9.8	56.6	170	0.0	1.0	0.15			
163	160	171	0.0	1.0	0.232	57.2	−58.6	18.0	61.4	163	0.0	1.0	0.185	57.0	−60.3	22.0	64.3	160	0.0	1.0	0.167	0.0	1.0	0.35	57.2	−55.2	8.8	56.0	171	0.0	1.0	0.167			
164	161	172	0.0	1.0	0.248	57.2	−58.0	16.7	60.4	164	0.0	1.0	0.201	57.1	−59.8	20.6	63.3	161	0.0	1.0	0.183	0.0	1.0	0.364	57.1	−54.7	7.7	55.4	172	0.0	1.0	0.183			
165	162	173	0.0	1.0	0.263	57.2	−57.6	15.5	59.8	165	0.0	1.0	0.217	57.1	−59.2	19.3	62.4	162	0.0	1.0	0.2	0.0	1.0	0.379	57.2	−54.3	6.7	54.8	173	0.0	1.0	0.2			
166	163	174	0.0	1.0	0.277	57.2	−57.3	14.3	59.1	166	0.0	1.0	0.232	57.2	−58.6	18.0	61.4	163	0.0	1.0	0.217	0.0	1.0	0.392	57.2	−53.8	5.7	54.2	174	0.0	1.0	0.217			
167	164	175	0.0	1.0	0.292	57.2	−56.9	13.2	58.5	167	0.0	1.0	0.248	57.2	−58.0	16.7	60.4	164	0.0	1.0	0.233	0.0	1.0	0.406	57.2	−53.4	4.7	53.7	175	0.0	1.0	0.233			
168	165	176	0.0	1.0	0.306	57.2	−56.5	12.0	57.9	168	0.0	1.0	0.263	57.2	−57.6	15.5	59.8	165	0.0	1.0	0.25	0.0	1.0	0.42	57.2	−52.9	3.7	53.1	176	0.0	1.0	0.25			

Data of Maximum color M in colorimetric system laser printer HRS27_96; separation cmy0*, 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:* $h_{ab,d}$ = 33.7, 99.3, 150.0, 227.4, 300.0, 351.0; 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
168	165	176	0.0	1.0	0.306	57.2	−56.5	12.0	57.9	168	0.0	1.0	0.263	57.2	−57.6	15.5	59.8	165	0.0	1.0	0.25	0.0	1.0	0.42	57.2	−52.9	3.7	53.1	176	0.0	1.0	0.25			
169	166	177	0.0	1.0	0.321	57.2	−56.1	10.9	57.3	169	0.0	1.0	0.277	57.2	−57.3	14.3	59.1	166	0.0	1.0	0.267	0.0	1.0	0.434	57.2	−52.4	2.8	52.6	177	0.0	1.0	0.267			
170	167	178	0.0	1.0	0.335	57.2	−55.7	9.8	56.6	170	0.0	1.0	0.292	57.2	−56.9	13.2	58.5	167	0.0	1.0	0.283	0.0	1.0	0.447	57.3	−51.9	1.8	52.1	178	0.0	1.0	0.283			
171	168	179	0.0	1.0	0.35	57.2	−55.2	8.8	56.0	171	0.0	1.0	0.306	57.2	−56.5	12.0	57.9	168	0.0	1.0	0.3	0.0	1.0	0.461	57.3	−51.4	0.9	51.5	179	0.0	1.0	0.3			
172	169	180	0.0	1.0	0.364	57.1	−54.7	7.7	55.4	172	0.0	1.0	0.321	57.2	−56.1	10.9	57.3	169	0.0	1.0	0.317	0.0	1.0	0.475	57.3	−50.9	0.0	51.0	180	0.0	1.0	0.317			
173	170	180	0.0	1.0	0.379	57.2	−54.3	6.7	54.8	173	0.0	1.0	0.335	57.2	−55.7	9.8	56.6	170	0.0	1.0	0.333	0.0	1.0	0.475	57.3	−50.9	0.0	51.0	180	0.0	1.0	0.333			
174	171	181	0.0	1.0	0.392	57.2	−53.8	5.7	54.2	174	0.0	1.0	0.35	57.2	−55.2	8.8	56.0	171	0.0	1.0	0.35	0.0	1.0	0.489	57.3	−50.4	−0.8	50.5	181	0.0	1.0	0.35			
175	172	182	0.0	1.0	0.406	57.2	−53.4	4.7	53.7	175	0.0	1.0	0.364	57.1	−54.7	7.7	55.4	172	0.0	1.0	0.367	0.0	1.0	0.502	57.4	−49.8	−1.6	50.0	182	0.0	1.0	0.367			
176	173	183	0.0	1.0	0.42	57.2	−52.9	3.7	53.1	176	0.0	1.0	0.379	57.2	−54.3	6.7	54.8	173	0.0	1.0	0.383	0.0	1.0	0.513	57.4	−49.5	−2.5	49.6	183	0.0	1.0	0.383			
177	174	184	0.0	1.0	0.434	57.2	−52.4	2.8	52.6	177	0.0	1.0	0.392	57.2	−53.8	5.7	54.2	174	0.0	1.0	0.4	0.0	1.0	0.525	57.4	−49.1	−3.3	49.3	184	0.0	1.0	0.4			
178	175	185	0.0	1.0	0.447	57.3	−51.9	1.8	52.1	178	0.0	1.0	0.406	57.2	−53.4	4.7	53.7	175	0.0	1.0	0.417	0.0	1.0	0.536	57.5	−48.7	−4.2	49.0	185	0.0	1.0	0.417			
179	176	186	0.0	1.0	0.461	57.3	−51.4	0.9	51.5	179	0.0	1.0	0.42	57.2	−52.9	3.7	53.1	176	0.0	1.0	0.433	0.0	1.0	0.547	57.5	−48.3	−5.0	48.7	186	0.0	1.0	0.433			
180	177	187	0.0	1.0	0.475	57.3	−50.9	0.0	51.0	180	0.0	1.0	0.434	57.2	−52.4	2.8	52.6	177	0.0	1.0	0.45	0.0	1.0	0.558	57.5	−47.9	−5.8	48.4	187	0.0	1.0	0.45			
181	178	188	0.0	1.0	0.489	57.3	−50.4	−0.8	50.5	181	0.0	1.0	0.447	57.3	−51.9	1.8	52.1	178	0.0	1.0	0.467	0.0	1.0	0.57	57.6	−47.5	−6.6	48.1	188	0.0	1.0	0.467			
182	179	189	0.0	1.0	0.502	57.4	−49.8	−1.6	50.0	182	0.0	1.0	0.461	57.3	−51.4	0.9	51.5	179	0.0	1.0	0.483	0.0	1.0	0.581	57.6	−47.1	−7.4	47.7	189	0.0	1.0	0.483			
183	180	190	0.0	1.0	0.513	57.4	−49.5	−2.5	49.6	183	0.0	1.0	0.475	57.3	−50.9	0.0	51.0	180	0.0	1.0	0.5	0.0	1.0	0.592	57.7	−46.6	−8.1	47.4	190	0.0	1.0	0.5			
184	181	191	0.0	1.0	0.525	57.4	−49.1	−3.3	49.3	184	0.0	1.0	0.489	57.3	−50.4	−0.8	50.5	181	0.0	1.0	0.517	0.0	1.0	0.604	57.7	−46.1	−8.9	47.1	191	0.0	1.0	0.517			
185	182	191	0.0	1.0	0.536	57.5	−48.7	−4.2	49.0	185	0.0	1.0	0.502	57.4	−49.8	−1.6	50.0	182	0.0	1.0	0.533	0.0	1.0	0.604	57.7	−46.1	−8.9	47.1	191	0.0	1.0	0.533			
186	183	192	0.0	1.0	0.547	57.5	−48.3	−5.0	48.7	186	0.0	1.0	0.513	57.4	−49.5	−2.5	49.6	183	0.0	1.0	0.55	0.0	1.0	0.615	57.7	−45.7	−9.6	46.8	192	0.0	1.0	0.55			
187	184	193	0.0	1.0	0.558	57.5	−47.9	−5.8	48.4	187	0.0	1.0	0.525	57.4	−49.1	−3.3	49.3	184	0.0	1.0	0.567	0.0	1.0	0.626	57.8	−45.2	−10.4	46.5	193	0.0	1.0	0.567			
188	185	194	0.0	1.0	0.57	57.6	−47.5	−6.6	48.1	188	0.0	1.0	0.536	57.5	−48.7	−4.2	49.0	185	0.0	1.0	0.583	0.0	1.0	0.64	57.7	−44.9	−11.1	46.4	194	0.0	1.0	0.583			
189	186	195	0.0	1.0	0.581	57.6	−47.1	−7.4	47.7	189	0.0	1.0	0.547	57.5	−48.3	−5.0	48.7	186	0.0	1.0	0.6	0.0	1.0	0.654	57.6	−44.6	−11.9	46.2	195	0.0	1.0	0.6			
190	187	196	0.0	1.0	0.592	57.7	−46.6	−8.1	47.4	190	0.0	1.0	0.558	57.5	−47.9	−5.8	48.4	187	0.0	1.0	0.617	0.0	1.0	0.667	57.6	−44.2	−12.6	46.1	196	0.0	1.0	0.617			
191	188	197	0.0	1.0	0.604	57.7	−46.1	−8.9	47.1	191	0.0	1.0	0.57	57.6	−47.5	−6.6	48.1	188	0.0	1.0	0.633	0.0	1.0	0.681	57.5	−43.9	−13.3	46.0	197	0.0	1.0	0.633			
192	189	198	0.0	1.0	0.615	57.7	−45.7	−9.6	46.8	192	0.0	1.0	0.581	57.6	−47.1	−7.4	47.7	189	0.0	1.0	0.65	0.0	1.0	0.695	57.4	−43.5	−14.1	45.9	198	0.0	1.0	0.65			
193	190	199	0.0	1.0	0.626	57.8	−45.2	−10.4	46.5	193	0.0	1.0	0.592	57.7	−46.6	−8.1	47.4	190	0.0	1.0	0.667	0.0	1.0	0.709	57.4	−43.1	−14.8	45.7	199	0.0	1.0	0.667			
194	191	200	0.0	1.0	0.64	57.7	−44.9	−11.1	46.4	194	0.0	1.0	0.604	57.7	−46.1	−8.9	47.1	191	0.0	1.0	0.683	0.0	1.0	0.722	57.3	−42.8	−15.5	45.6	200	0.0	1.0	0.683			
195	192	201	0.0	1.0	0.654	57.6	−44.6	−11.9	46.2	195	0.0	1.0	0.615	57.7	−45.7	−9.6	46.8	192	0.0	1.0	0.7	0.0	1.0	0.736	57.2	−42.4	−16.2	45.5	201	0.0	1.0	0.7			
196	193	201	0.0	1.0	0.667	57.6	−44.2	−12.6	46.1	196	0.0	1.0	0.626	57.8	−45.2	−10.4	46.5	193	0.0	1.0	0.717	0.0	1.0	0.736	57.2	−42.4	−16.2	45.5	201	0.0	1.0	0.717			
197	194	202	0.0	1.0	0.681	57.5	−43.9	−13.3	46.0	197	0.0	1.0	0.64	57.7	−44.9	−11.1	46.4	194	0.0	1.0	0.733	0.0	1.0	0.75	57.2	−42.0	−16.9	45.4	202	0.0	1.0	0.733			
198	195	203	0.0	1.0	0.695	57.4	−43.5	−14.1	45.9	198	0.0	1.0	0.654	57.6	−44.6	−11.9	46.2	195	0.0	1.0	0.75	0.0	1.0	0.762	57.0	−41.8	−17.7	45.5	203	0.0	1.0	0.75			
199	196	204	0.0	1.0	0.709	57.4	−43.1	−14.8	45.7	199	0.0	1.0	0.667	57.6	−44.2	−12.6	46.1	196	0.0	1.0	0.767	0.0	1.0	0.774	56.9	−41.6	−18.5	45.6	204	0.0	1.0	0.767			
200	197	205	0.0	1.0	0.722	57.3	−42.8	−15.5	45.6	200	0.0	1.0	0.681	57.5	−43.9	−13.3	46.0	197	0.0	1.0	0.783	0.0	1.0	0.786	56.7	−41.4	−19.2	45.7	205	0.0	1.0	0.783			
201	198	206	0.0	1.0	0.736	57.2	−42.4	−16.2	45.5	201	0.0	1.0	0.695	57.4	−43.5	−14.1	45.9	198	0.0	1.0	0.8	0.0	1.0	0.799	56.5	−41.1	−20.0	45.9	206	0.0	1.0	0.8			
202	199	207	0.0	1.0	0.75	57.2	−42.0	−16.9	45.4	202	0.0	1.0	0.709	57.4	−43.1	−14.8	45.7	199	0.0	1.0	0.817	0.0	1.0	0.811	56.4	−40.9	−20.8	46.0	207	0.0	1.0	0.817			
203	200	208	0.0	1.0	0.762	57.0	−41.8	−17.7	45.5	203	0.0	1.0	0.722	57.3	−42.8	−15.5	45.6	200	0.0	1.0	0.833	0.0	1.0	0.823	56.2	−40.6	−21.6	46.1	208	0.0	1.0	0.833			
204	201	209	0.0	1.0	0.774	56.9	−41.6	−18.5	45.6	204	0.0	1.0	0.736	57.2	−42.4	−16.2	45.5	201	0.0	1.0	0.85	0.0	1.0	0.835	56.1	−40.4	−22.3	46.3	209	0.0	1.0	0.85			
205	202	210	0.0	1.0	0.786	56.7	−41.4	−19.2	45.7	205	0.0	1.0	0.75	57.2	−42.0	−16.9	45.4	202	0.0	1.0	0.867	0.0	1.0	0.847	55.9	−40.1	−23.1	46.4	210	0.0	1.0	0.867			
206	203	211	0.0	1.0	0.799	56.5	−41.1	−20.0	45.9	206	0.0	1.0	0.762	57.0	−41.8	−17.7	45.5	203	0.0	1.0	0.883	0.0	1.0	0.859	55.8	−39.8	−23.9	46.5	211	0.0	1.0	0.883			
207	204	212	0.0	1.0	0.811	56.4	−40.9	−20.8	46.0	207	0.0	1.0	0.774	56.9	−41.6	−18.5	45.6	204	0.0	1.0	0.9	0.0	1.0	0.872	55.6	−39.5	−24.6	46.6	212	0.0	1.0	0.9			
208	205	212	0.0	1.0	0.823	56.2	−40.6	−21.6	46.1	208	0.0	1.0	0.786	56.7	−41.4	−19.2	45.7	205	0.0	1.0	0.917	0.0	1.0	0.872	55.6	−39.5	−24.6	46.6	212	0.0	1.0	0.917			
209	206	213	0.0	1.0	0.835	56.1	−40.4	−22.3	46.3	209	0.0	1.0	0.799	56.5	−41.1	−20.0	45.9	206	0.0	1.0	0.933	0.0	1.0	0.881	55.4	−39.2	−25.4	46.8	213	0.0	1.0	0.933			
210	207	214	0.0	1.0	0.847	55.9	−40.1	−23.1	46.4	210	0.0	1.0	0.811	56.4	−40.9	−20.8	46.0	207	0.0	1.0	0.95	0.0	1.0	0.889	55.2	−38.9	−26.2	47.1	214	0.0	1.0	0.95			
211	208	215	0.0	1.0	0.859	55.8	−39.8	−23.9	46.5	211	0.0	1.0	0.823	56.2	−40.6	−21.6	46.1	208	0.0	1.0	0.967	0.0	1.0	0.897	55.0	−38.7	−27.0	47.3	215	0.0	1.0	0.967			
212	209	216	0.0	1.0	0.872	55.6	−39.5	−24.6	46.6	212	0.0	1.0	0.835	56.1	−40.4	−22.3	46.3	209	0.0	1.0	0.983	0.0	1.0	0.906	54.7	−38.4	−27.9	47.6	216	0.0	1.0	0.983			
213	210	217	0.0	1.0	0.881	55.4	−39.2	−25.4	46.8	213	0.0	1.0	0.847	55.9	−40.1	−23.1	46.4	210	0.0	1.0	1.0C_s	0.0	1.0	0.914	54.5	−38.1	−28.7	47.8	217	0.0	1.0	1.0C_e			

Data of Maximum color M in colorimetric system laser printer HRS27_96; separation cmy0*, 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:* $h_{ab,d}$ = 33.7, 99.3, 150.0, 227.4, 300.0, 351.0; 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
213	210	217	0.0	1.0	0.881	55.4	−39.2	−25.4	46.8	213	0.0	1.0	0.847	55.9	−40.1	−23.1	46.4	210	0.0	1.0	1.0C_s	0.0	1.0	0.914	54.5	−38.1	−28.7	47.8	217	0.0	1.0	1.0C_e			
214	211	218	0.0	1.0	0.889	55.2	−38.9	−26.2	47.1	214	0.0	1.0	0.859	55.8	−39.8	−23.9	46.5	211	0.0	0.983	1.0	0.0	1.0	0.922	54.3	−37.7	−29.5	48.0	218	0.0	0.983	1.0			
215	212	219	0.0	1.0	0.897	55.0	−38.7	−27.0	47.3	215	0.0	1.0	0.872	55.6	−39.5	−24.6	46.6	212	0.0	0.967	1.0	0.0	1.0	0.931	54.1	−37.4	−30.3	48.3	219	0.0	0.967	1.0			
216	213	220	0.0	1.0	0.906	54.7	−38.4	−27.9	47.6	216	0.0	1.0	0.881	55.4	−39.2	−25.4	46.8	213	0.0	0.95	1.0	0.0	1.0	0.939	53.9	−37.1	−31.1	48.5	220	0.0	0.95	1.0			
217	214	221	0.0	1.0	0.914	54.5	−38.1	−28.7	47.8	217	0.0	1.0	0.889	55.2	−38.9	−26.2	47.1	214	0.0	0.933	1.0	0.0	1.0	0.947	53.6	−36.7	−31.9	48.7	221	0.0	0.933	1.0			
218	215	222	0.0	1.0	0.922	54.3	−37.7	−29.5	48.0	218	0.0	1.0	0.897	55.0	−38.7	−27.0	47.3	215	0.0	0.917	1.0	0.0	1.0	0.955	53.4	−36.3	−32.7	49.0	222	0.0	0.917	1.0			
219	216	222	0.0	1.0	0.931	54.1	−37.4	−30.3	48.3	219	0.0	1.0	0.906	54.7	−38.4	−27.9	47.6	216	0.0	0.9	1.0	0.0	1.0	0.955	53.4	−36.3	−32.7	49.0	222	0.0	0.9	1.0			
220	217	223	0.0	1.0	0.939	53.9	−37.1	−31.1	48.5	220	0.0	1.0	0.914	54.5	−38.1	−28.7	47.8	217	0.0	0.883	1.0	0.0	1.0	0.964	53.2	−35.9	−33.5	49.2	223	0.0	0.883	1.0			
221	218	224	0.0	1.0	0.947	53.6	−36.7	−31.9	48.7	221	0.0	1.0	0.922	54.3	−37.7	−29.5	48.0	218	0.0	0.867	1.0	0.0	1.0	0.972	53.0	−35.5	−34.3	49.5	224	0.0	0.867	1.0			
222	219	225	0.0	1.0	0.955	53.4	−36.3	−32.7	49.0	222	0.0	1.0	0.931	54.1	−37.4	−30.3	48.3	219	0.0	0.85	1.0	0.0	1.0	0.98	52.7	−35.0	−35.0	49.7	225	0.0	0.85	1.0			
223	220	226	0.0	1.0	0.964	53.2	−35.9	−33.5	49.2	223	0.0	1.0	0.939	53.9	−37.1	−31.1	48.5	220	0.0	0.833	1.0	0.0	1.0	0.988	52.5	−34.6	−35.8	49.9	226	0.0	0.833	1.0			
224	221	227	0.0	1.0	0.972	53.0	−35.5	−34.3	49.5	224	0.0	1.0	0.947	53.6	−36.7	−31.9	48.7	221	0.0	0.817	1.0	0.0	1.0	0.997	52.3	−34.1	−36.6	50.2	227	0.0	0.817	1.0			
225	222	228	0.0	1.0	0.98	52.7	−35.0	−35.0	49.7	225	0.0	1.0	0.955	53.4	−36.3	−32.7	49.0	222	0.0	0.8	1.0	0.0	0.979	1.0	52.1	−33.6	−37.3	50.4	228	0.0	0.8	1.0			
226	223	229	0.0	1.0	0.988	52.5	−34.6	−35.8	49.9	226	0.0	1.0	0.964	53.2	−35.9	−33.5	49.2	223	0.0	0.783	1.0	0.0	0.943	1.0	51.9	−33.1	−38.1	50.6	229	0.0	0.783	1.0			
227	224	230	0.0	1.0	0.997	52.3	−34.1	−36.6	50.2	227C_d	0.0	1.0	0.972	53.0	−35.5	−34.3	49.5	224	0.0	0.767	1.0	0.0	0.907	1.0	51.6	−32.5	−38.8	50.8	230	0.0	0.767	1.0			
228	225	231	0.0	0.979	1.0	52.1	−33.6	−37.3	50.4	228	0.0	1.0	0.98	52.7	−35.0	−35.0	49.7	225	0.0	0.75	1.0	0.0	0.873	1.0	51.4	−32.0	−39.5	51.0	231	0.0	0.75	1.0			
229	226	232	0.0	0.943	1.0	51.9	−33.1	−38.1	50.6	229	0.0	1.0	0.988	52.5	−34.6	−35.8	49.9	226	0.0	0.733	1.0	0.0	0.851	1.0	51.4	−31.4	−40.2	51.2	232	0.0	0.733	1.0			
230	227	232	0.0	0.907	1.0	51.6	−32.5	−38.8	50.8	230	0.0	1.0	0.997	52.3	−34.1	−36.6	50.2	227	0.0	0.717	1.0	0.0	0.851	1.0	51.4	−31.4	−40.2	51.2	232	0.0	0.717	1.0			
231	228	233	0.0	0.873	1.0	51.4	−32.0	−39.5	51.0	231	0.0	0.979	1.0	52.1	−33.6	−37.3	50.4	228	0.0	0.7	1.0	0.0	0.83	1.0	51.3	−30.8	−40.9	51.4	233	0.0	0.7	1.0			
232	229	234	0.0	0.851	1.0	51.4	−31.4	−40.2	51.2	232	0.0	0.943	1.0	51.9	−33.1	−38.1	50.6	229	0.0	0.683	1.0	0.0	0.808	1.0	51.3	−30.2	−41.6	51.6	234	0.0	0.683	1.0			
233	230	235	0.0	0.83	1.0	51.3	−30.8	−40.9	51.4	233	0.0	0.907	1.0	51.6	−32.5	−38.8	50.8	230	0.0	0.667	1.0	0.0	0.787	1.0	51.2	−29.6	−42.3	51.8	235	0.0	0.667	1.0			
234	231	236	0.0	0.808	1.0	51.3	−30.2	−41.6	51.6	234	0.0	0.873	1.0	51.4	−32.0	−39.5	51.0	231	0.0	0.65	1.0	0.0	0.766	1.0	51.2	−29.0	−43.0	52.0	236	0.0	0.65	1.0			
235	232	237	0.0	0.787	1.0	51.2	−29.6	−42.3	51.8	235	0.0	0.851	1.0	51.4	−31.4	−40.2	51.2	232	0.0	0.633	1.0	0.0	0.746	1.0	51.0	−28.3	−43.6	52.1	237	0.0	0.633	1.0			
236	233	238	0.0	0.766	1.0	51.2	−29.0	−43.0	52.0	236	0.0	0.83	1.0	51.3	−30.8	−40.9	51.4	233	0.0	0.617	1.0	0.0	0.732	1.0	50.7	−27.4	−44.0	52.0	238	0.0	0.617	1.0			
237	234	239	0.0	0.746	1.0	51.0	−28.3	−43.6	52.1	237	0.0	0.808	1.0	51.3	−30.2	−41.6	51.6	234	0.0	0.6	1.0	0.0	0.718	1.0	50.4	−26.6	−44.3	51.9	239	0.0	0.6	1.0			
238	235	240	0.0	0.732	1.0	50.7	−27.4	−44.0	52.0	238	0.0	0.787	1.0	51.2	−29.6	−42.3	51.8	235	0.0	0.583	1.0	0.0	0.704	1.0	50.1	−25.8	−44.7	51.7	240	0.0	0.583	1.0			
239	236	241	0.0	0.718	1.0	50.4	−26.6	−44.3	51.9	239	0.0	0.766	1.0	51.2	−29.0	−43.0	52.0	236	0.0	0.567	1.0	0.0	0.69	1.0	49.8	−24.9	−45.0	51.6	241	0.0	0.567	1.0			
240	237	242	0.0	0.704	1.0	50.1	−25.8	−44.7	51.7	240	0.0	0.746	1.0	51.0	−28.3	−43.6	52.1	237	0.0	0.55	1.0	0.0	0.676	1.0	49.4	−24.1	−45.4	51.5	242	0.0	0.55	1.0			
241	238	243	0.0	0.69	1.0	49.8	−24.9	−45.0	51.6	241	0.0	0.732	1.0	50.7	−27.4	−44.0	52.0	238	0.0	0.533	1.0	0.0	0.662	1.0	49.1	−23.2	−45.7	51.4	243	0.0	0.533	1.0			
242	239	243	0.0	0.676	1.0	49.4	−24.1	−45.4	51.5	242	0.0	0.718	1.0	50.4	−26.6	−44.3	51.9	239	0.0	0.517	1.0	0.0	0.662	1.0	49.1	−23.2	−45.7	51.4	243	0.0	0.517	1.0			
243	240	244	0.0	0.662	1.0	49.1	−23.2	−45.7	51.4	243	0.0	0.704	1.0	50.1	−25.8	−44.7	51.7	240	0.0	0.5	1.0	0.0	0.648	1.0	48.8	−22.4	−45.9	51.2	244	0.0	0.5	1.0			
244	241	245	0.0	0.648	1.0	48.8	−22.4	−45.9	51.2	244	0.0	0.69	1.0	49.8	−24.9	−45.0	51.6	241	0.0	0.483	1.0	0.0	0.634	1.0	48.5	−21.5	−46.2	51.1	245	0.0	0.483	1.0			
245	242	246	0.0	0.634	1.0	48.5	−21.5	−46.2	51.1	245	0.0	0.676	1.0	49.4	−24.1	−45.4	51.5	242	0.0	0.467	1.0	0.0	0.619	1.0	48.1	−20.6	−46.4	50.9	246	0.0	0.467	1.0			
246	243	247	0.0	0.619	1.0	48.1	−20.6	−46.4	50.9	246	0.0	0.662	1.0	49.1	−23.2	−45.7	51.4	243	0.0	0.45	1.0	0.0	0.602	1.0	47.5	−19.7	−46.5	50.6	247	0.0	0.45	1.0			
247	244	248	0.0	0.602	1.0	47.5	−19.7	−46.5	50.6	247	0.0	0.648	1.0	48.8	−22.4	−45.9	51.2	244	0.0	0.433	1.0	0.0	0.585	1.0	47.0	−18.8	−46.6	50.3	248	0.0	0.433	1.0			
248	245	249	0.0	0.585	1.0	47.0	−18.8	−46.6	50.3	248	0.0	0.634	1.0	48.5	−21.5	−46.2	51.1	245	0.0	0.417	1.0	0.0	0.568	1.0	46.4	−17.8	−46.6	50.0	249	0.0	0.417	1.0			
249	246	250	0.0	0.568	1.0	46.4	−17.8	−46.6	50.0	249	0.0	0.619	1.0	48.1	−20.6	−46.4	50.9	246	0.0	0.4	1.0	0.0	0.551	1.0	45.8	−16.9	−46.6	49.7	250	0.0	0.4	1.0			
250	247	251	0.0	0.551	1.0	45.8	−16.9	−46.6	49.7	250	0.0	0.602	1.0	47.5	−19.7	−46.5	50.6	247	0.0	0.383	1.0	0.0	0.534	1.0	45.3	−16.0	−46.6	49.4	251	0.0	0.383	1.0			
251	248	252	0.0	0.534	1.0	45.3	−16.0	−46.6	49.4	251	0.0	0.585	1.0	47.0	−18.8	−46.6	50.3	248	0.0	0.367	1.0	0.0	0.517	1.0	44.7	−15.1	−46.6	49.1	252	0.0	0.367	1.0			
252	249	253	0.0	0.517	1.0	44.7	−15.1	−46.6	49.1	252	0.0	0.568	1.0	46.4	−17.8	−46.6	50.0	249	0.0	0.35	1.0	0.0	0.5	1.0	44.2	−14.2	−46.6	48.8	253	0.0	0.35	1.0			
253	250	253	0.0	0.5	1.0	44.2	−14.2	−46.6	48.8	253	0.0	0.551	1.0	45.8	−16.9	−46.6	49.7	250	0.0	0.333	1.0	0.0	0.5	1.0	44.2	−14.2	−46.6	48.8	253	0.0	0.333	1.0			
254	251	254	0.0	0.487	1.0	43.6	−13.3	−46.7	48.6	254	0.0	0.534	1.0	45.3	−16.0	−46.6	49.4	251	0.0	0.317	1.0	0.0	0.487	1.0	43.6	−13.3	−46.7	48.6	254	0.0	0.317	1.0			
255	252	255	0.0	0.473	1.0	43.1	−12.4	−46.7	48.5	255	0.0	0.517	1.0	44.7	−15.1	−46.6	49.1	252	0.0	0.3	1.0	0.0	0.473	1.0	43.1	−12.4	−46.7	48.5	255	0.0	0.3	1.0			
256	253	256	0.0	0.459	1.0	42.6	−11.6	−46.7	48.3	256	0.0	0.5	1.0	44.2	−14.2	−46.6	48.8	253	0.0	0.283	1.0	0.0	0.459	1.0	42.6	−11.6	−46.7	48.3	256	0.0	0.283	1.0			
257	254	257	0.0	0.446	1.0	42.1	−10.7	−46.8	48.1	257	0.0	0.487	1.0	43.6	−13.3	−46.7	48.6	254	0.0	0.267	1.0	0.0	0.446	1.0	42.1	−10.7	−46.8	48.1	257	0.0	0.267	1.0			
258	255	258	0.0	0.432	1.0	41.6	−9.9	−46.7	47.9	258	0.0	0.473	1.0	43.1	−12.4	−46.7	48.5	255	0.0	0.25	1.0	0.0	0.432	1.0	41.6	−9.9	−46.7	47.9	258	0.0	0.25	1.0			

Data of Maximum color M in colorimetric system laser printer HRS27_96; separation cmy0*, 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:* $h_{ab,d}$ = 33.7, 99.3, 150.0, 227.4, 300.0, 351.0; 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
258	255	258	0.0	0.432	1.0	41.6	−9.9	−46.7	47.9	258	0.0	0.473	1.0	43.1	−12.4	−46.7	48.5	255	0.0	0.25	1.0	0.0	0.432	1.0	41.6	−9.9	−46.7	47.9	258	0.0	0.25	1.0			
259	256	259	0.0	0.418	1.0	41.1	−9.0	−46.7	47.7	259	0.0	0.459	1.0	42.6	−11.6	−46.7	48.3	256	0.0	0.233	1.0	0.0	0.418	1.0	41.1	−9.0	−46.7	47.7	259	0.0	0.233	1.0			
260	257	260	0.0	0.405	1.0	40.6	−8.2	−46.7	47.5	260	0.0	0.446	1.0	42.1	−10.7	−46.8	48.1	257	0.0	0.217	1.0	0.0	0.405	1.0	40.6	−8.2	−46.7	47.5	260	0.0	0.217	1.0			
261	258	261	0.0	0.391	1.0	40.0	−7.3	−46.7	47.3	261	0.0	0.432	1.0	41.6	−9.9	−46.7	47.9	258	0.0	0.2	1.0	0.0	0.391	1.0	40.0	−7.3	−46.7	47.3	261	0.0	0.2	1.0			
262	259	262	0.0	0.377	1.0	39.5	−6.5	−46.6	47.2	262	0.0	0.418	1.0	41.1	−9.0	−46.7	47.7	259	0.0	0.183	1.0	0.0	0.377	1.0	39.5	−6.5	−46.6	47.2	262	0.0	0.183	1.0			
263	260	263	0.0	0.367	1.0	39.1	−5.6	−46.7	47.1	263	0.0	0.405	1.0	40.6	−8.2	−46.7	47.5	260	0.0	0.167	1.0	0.0	0.367	1.0	39.1	−5.6	−46.7	47.1	263	0.0	0.167	1.0			
264	261	264	0.0	0.356	1.0	38.7	−4.8	−46.7	47.1	264	0.0	0.391	1.0	40.0	−7.3	−46.7	47.3	261	0.0	0.15	1.0	0.0	0.356	1.0	38.7	−4.8	−46.7	47.1	264	0.0	0.15	1.0			
265	262	264	0.0	0.346	1.0	38.3	−4.0	−46.8	47.1	265	0.0	0.377	1.0	39.5	−6.5	−46.6	47.2	262	0.0	0.133	1.0	0.0	0.356	1.0	38.7	−4.8	−46.7	47.1	264	0.0	0.133	1.0			
266	263	265	0.0	0.336	1.0	37.8	−3.2	−46.9	47.1	266	0.0	0.367	1.0	39.1	−5.6	−46.7	47.1	263	0.0	0.117	1.0	0.0	0.346	1.0	38.3	−4.0	−46.8	47.1	265	0.0	0.117	1.0			
267	264	266	0.0	0.326	1.0	37.4	−2.4	−46.9	47.1	267	0.0	0.356	1.0	38.7	−4.8	−46.7	47.1	264	0.0	0.1	1.0	0.0	0.336	1.0	37.8	−3.2	−46.9	47.1	266	0.0	0.1	1.0			
268	265	267	0.0	0.315	1.0	37.0	−1.5	−46.9	47.0	268	0.0	0.346	1.0	38.3	−4.0	−46.8	47.1	265	0.0	0.083	1.0	0.0	0.326	1.0	37.4	−2.4	−46.9	47.1	267	0.0	0.083	1.0			
269	266	268	0.0	0.305	1.0	36.6	−0.7	−46.9	47.0	269	0.0	0.336	1.0	37.8	−3.2	−46.9	47.1	266	0.0	0.067	1.0	0.0	0.315	1.0	37.0	−1.5	−46.9	47.0	268	0.0	0.067	1.0			
270	267	269	0.0	0.295	1.0	36.2	0.0	−46.9	47.0	270	0.0	0.326	1.0	37.4	−2.4	−46.9	47.1	267	0.0	0.05	1.0	0.0	0.305	1.0	36.6	−0.7	−46.9	47.0	269	0.0	0.05	1.0			
271	268	270	0.0	0.285	1.0	35.8	0.8	−46.9	47.0	271	0.0	0.315	1.0	37.0	−1.5	−46.9	47.0	268	0.0	0.033	1.0	0.0	0.295	1.0	36.2	0.0	−46.9	47.0	270	0.0	0.033	1.0			
272	269	271	0.0	0.274	1.0	35.3	1.6	−46.9	47.0	272	0.0	0.305	1.0	36.6	−0.7	−46.9	47.0	269	0.0	0.017	1.0	0.0	0.285	1.0	35.8	0.8	−46.9	47.0	271	0.0	0.017	1.0			
273	270	272	0.0	0.264	1.0	34.9	2.5	−46.8	47.0	273	0.0	0.295	1.0	36.2	0.0	−46.9	47.0	270	0.0	0.0	1.0 B_s	0.0	0.274	1.0	35.3	1.6	−46.9	47.0	272	0.0	0.0	1.0 B_e			
274	271	273	0.0	0.254	1.0	34.5	3.3	−46.7	47.0	274	0.0	0.285	1.0	35.8	0.8	−46.9	47.0	271	0.017	0.0	1.0	0.0	0.264	1.0	34.9	2.5	−46.8	47.0	273	0.017	0.0	1.0			
275	272	274	0.0	0.244	1.0	34.3	4.1	−46.6	46.9	275	0.0	0.274	1.0	35.3	1.6	−46.9	47.0	272	0.033	0.0	1.0	0.0	0.254	1.0	34.5	3.3	−46.7	47.0	274	0.033	0.0	1.0			
276	273	275	0.0	0.234	1.0	34.3	4.9	−46.4	46.8	276	0.0	0.264	1.0	34.9	2.5	−46.8	47.0	273	0.05	0.0	1.0	0.0	0.244	1.0	34.3	4.1	−46.6	46.9	275	0.05	0.0	1.0			
277	274	276	0.0	0.225	1.0	34.2	5.7	−46.2	46.7	277	0.0	0.254	1.0	34.5	3.3	−46.7	47.0	274	0.067	0.0	1.0	0.0	0.234	1.0	34.3	4.9	−46.4	46.8	276	0.067	0.0	1.0			
278	275	276	0.0	0.216	1.0	34.2	6.5	−46.0	46.6	278	0.0	0.244	1.0	34.3	4.1	−46.6	46.9	275	0.083	0.0	1.0	0.0	0.234	1.0	34.3	4.9	−46.4	46.8	276	0.083	0.0	1.0			
279	276	277	0.0	0.206	1.0	34.1	7.3	−45.8	46.5	279	0.0	0.234	1.0	34.3	4.9	−46.4	46.8	276	0.1	0.0	1.0	0.0	0.225	1.0	34.2	5.7	−46.2	46.7	277	0.1	0.0	1.0			
280	277	278	0.0	0.197	1.0	34.1	8.1	−45.6	46.4	280	0.0	0.225	1.0	34.2	5.7	−46.2	46.7	277	0.117	0.0	1.0	0.0	0.216	1.0	34.2	6.5	−46.0	46.6	278	0.117	0.0	1.0			
281	278	279	0.0	0.187	1.0	34.1	8.8	−45.3	46.3	281	0.0	0.216	1.0	34.2	6.5	−46.0	46.6	278	0.133	0.0	1.0	0.0	0.206	1.0	34.1	7.3	−45.8	46.5	279	0.133	0.0	1.0			
282	279	280	0.0	0.178	1.0	34.0	9.6	−45.1	46.2	282	0.0	0.206	1.0	34.1	7.3	−45.8	46.5	279	0.15	0.0	1.0	0.0	0.197	1.0	34.1	8.1	−45.6	46.4	280	0.15	0.0	1.0			
283	280	281	0.0	0.168	1.0	34.0	10.4	−44.8	46.1	283	0.0	0.197	1.0	34.1	8.1	−45.6	46.4	280	0.167	0.0	1.0	0.0	0.187	1.0	34.1	8.8	−45.3	46.3	281	0.167	0.0	1.0			
284	281	282	0.0	0.159	1.0	33.9	11.1	−44.5	46.0	284	0.0	0.187	1.0	34.1	8.8	−45.3	46.3	281	0.183	0.0	1.0	0.0	0.178	1.0	34.0	9.6	−45.1	46.2	282	0.183	0.0	1.0			
285	282	283	0.0	0.149	1.0	33.9	11.9	−44.2	45.9	285	0.0	0.178	1.0	34.0	9.6	−45.1	46.2	282	0.2	0.0	1.0	0.0	0.168	1.0	34.0	10.4	−44.8	46.1	283	0.2	0.0	1.0			
286	283	284	0.0	0.14	1.0	33.8	12.6	−43.9	45.8	286	0.0	0.168	1.0	34.0	10.4	−44.8	46.1	283	0.217	0.0	1.0	0.0	0.159	1.0	33.9	11.1	−44.5	46.0	284	0.217	0.0	1.0			
287	284	285	0.0	0.13	1.0	33.8	13.4	−43.6	45.7	287	0.0	0.159	1.0	33.9	11.1	−44.5	46.0	284	0.233	0.0	1.0	0.0	0.149	1.0	33.9	11.9	−44.2	45.9	285	0.233	0.0	1.0			
288	285	286	0.0	0.12	1.0	33.7	14.1	−43.3	45.7	288	0.0	0.149	1.0	33.9	11.9	−44.2	45.9	285	0.25	0.0	1.0	0.0	0.14	1.0	33.8	12.6	−43.9	45.8	286	0.25	0.0	1.0			
289	286	287	0.0	0.11	1.0	33.5	14.9	−43.2	45.8	289	0.0	0.14	1.0	33.8	12.6	−43.9	45.8	286	0.267	0.0	1.0	0.0	0.13	1.0	33.8	13.4	−43.6	45.7	287	0.267	0.0	1.0			
290	287	288	0.0	0.1	1.0	33.4	15.7	−43.1	45.9	290	0.0	0.13	1.0	33.8	13.4	−43.6	45.7	287	0.283	0.0	1.0	0.0	0.12	1.0	33.7	14.1	−43.3	45.7	288	0.283	0.0	1.0			
291	288	289	0.0	0.09	1.0	33.2	16.5	−42.9	46.1	291	0.0	0.12	1.0	33.7	14.1	−43.3	45.7	288	0.3	0.0	1.0	0.0	0.11	1.0	33.5	14.9	−43.2	45.8	289	0.3	0.0	1.0			
292	289	290	0.0	0.08	1.0	33.0	17.3	−42.7	46.2	292	0.0	0.11	1.0	33.5	14.9	−43.2	45.8	289	0.317	0.0	1.0	0.0	0.1	1.0	33.4	15.7	−43.1	45.9	290	0.317	0.0	1.0			
293	290	291	0.0	0.07	1.0	32.9	18.1	−42.5	46.3	293	0.0	0.1	1.0	33.4	15.7	−43.1	45.9	290	0.333	0.0	1.0	0.0	0.09	1.0	33.2	16.5	−42.9	46.1	291	0.333	0.0	1.0			
294	291	292	0.0	0.06	1.0	32.7	18.9	−42.3	46.5	294	0.0	0.09	1.0	33.2	16.5	−42.9	46.1	291	0.35	0.0	1.0	0.0	0.08	1.0	33.0	17.3	−42.7	46.2	292	0.35	0.0	1.0			
295	292	293	0.0	0.05	1.0	32.5	19.7	−42.1	46.6	295	0.0	0.08	1.0	33.0	17.3	−42.7	46.2	292	0.367	0.0	1.0	0.0	0.07	1.0	32.9	18.1	−42.5	46.3	293	0.367	0.0	1.0			
296	293	294	0.0	0.04	1.0	32.4	20.5	−41.9	46.7	296	0.0	0.07	1.0	32.9	18.1	−42.5	46.3	293	0.383	0.0	1.0	0.0	0.06	1.0	32.7	18.9	−42.3	46.5	294	0.383	0.0	1.0			
297	294	294	0.0	0.03	1.0	32.2	21.3	−41.6	46.8	297	0.0	0.06	1.0	32.7	18.9	−42.3	46.5	294	0.4	0.0	1.0	0.0	0.06	1.0	32.7	18.9	−42.3	46.5	294	0.4	0.0	1.0			
298	295	295	0.0	0.02	1.0	32.0	22.1	−41.4	47.0	298	0.0	0.05	1.0	32.5	19.7	−42.1	46.6	295	0.417	0.0	1.0	0.0	0.05	1.0	32.5	19.7	−42.1	46.6	295	0.417	0.0	1.0			
299	296	296	0.0	0.01	1.0	31.9	22.8	−41.1	47.1	299	0.0	0.04	1.0	32.4	20.5	−41.9	46.7	296	0.433	0.0	1.0	0.0	0.04	1.0	32.4	20.5	−41.9	46.7	296	0.433	0.0	1.0			
300	297	297	0.0	0.0	1.0	31.7	23.6	−40.8	47.2	300 B_d	0.0	0.03	1.0	32.2	21.3	−41.6	46.8	297	0.45	0.0	1.0	0.0	0.03	1.0	32.2	21.3	−41.6	46.8	297	0.45	0.0	1.0			
301	298	298	0.014	0.0	1.0	31.6	24.4	−40.5	47.4	301	0.0	0.02	1.0	32.0	22.1	−41.4	47.0	298	0.467	0.0	1.0	0.0	0.02	1.0	32.0	22.1	−41.4	47.0	298	0.467	0.0	1.0			
302	299	299	0.028	0.0	1.0	31.6	25.2	−40.3	47.6	302	0.0	0.01	1.0	31.9	22.8	−41.1	47.1	299	0.483	0.0	1.0	0.0	0.01	1.0	31.9	22.8	−41.1	47.1	299	0.483	0.0	1.0			
303	300	300	0.042	0.0	1.0	31.5	26.0	−40.0	47.8	303	0.0	0.0	1.0	31.7	23.6	−40.8	47.2	300	0.5	0.0	1.0	0.0	0.0	1.0	31.7	23.6	−40.8	47.2	300	0.5	0.0	1.0			

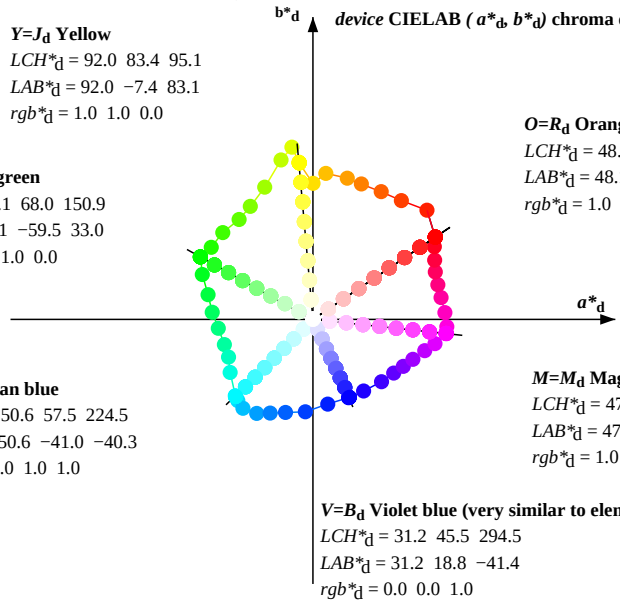
Data of Maximum color M in colorimetric system laser printer HRS27_96; separation cmy0*, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours *s:* $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Six hue angles of the device colours *d:* $h_{ab,d}$ = 33.7, 99.3, 150.0, 227.4, 300.0, 351.0; 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
303	300	300	0.042	0.0	1.0	31.5	26.0	−40.0	47.8	303	0.0	0.0	1.0	31.7	23.6	−40.8	47.2	300	0.5	0.0	1.0	0.0	0.0	1.0	31.7	23.6	−40.8	47.2	300	0.5	0.0	1.0			
304	301	301	0.056	0.0	1.0	31.5	26.8	−39.7	48.0	304	0.014	0.0	1.0	31.6	24.4	−40.5	47.4	301	0.517	0.0	1.0	0.014	0.0	1.0	31.6	24.4	−40.5	47.4	301	0.517	0.0	1.0			
305	302	302	0.07	0.0	1.0	31.4	27.6	−39.4	48.2	305	0.028	0.0	1.0	31.6	25.2	−40.3	47.6	302	0.533	0.0	1.0	0.028	0.0	1.0	31.6	25.2	−40.3	47.6	302	0.533	0.0	1.0			
306	303	303	0.085	0.0	1.0	31.4	28.4	−39.0	48.3	306	0.042	0.0	1.0	31.5	26.0	−40.0	47.8	303	0.55	0.0	1.0	0.042	0.0	1.0	31.5	26.0	−40.0	47.8	303	0.55	0.0	1.0			
307	304	304	0.099	0.0	1.0	31.3	29.2	−38.7	48.5	307	0.056	0.0	1.0	31.5	26.8	−39.7	48.0	304	0.567	0.0	1.0	0.056	0.0	1.0	31.5	26.8	−39.7	48.0	304	0.567	0.0	1.0			
308	305	305	0.113	0.0	1.0	31.3	30.0	−38.3	48.7	308	0.07	0.0	1.0	31.4	27.6	−39.4	48.2	305	0.583	0.0	1.0	0.07	0.0	1.0	31.4	27.6	−39.4	48.2	305	0.583	0.0	1.0			
309	306	306	0.127	0.0	1.0	31.2	30.8	−37.9	48.9	309	0.085	0.0	1.0	31.4	28.4	−39.0	48.3	306	0.6	0.0	1.0	0.085	0.0	1.0	31.4	28.4	−39.0	48.3	306	0.6	0.0	1.0			
310	307	307	0.139	0.0	1.0	31.2	31.6	−37.6	49.2	310	0.099	0.0	1.0	31.3	29.2	−38.7	48.5	307	0.617	0.0	1.0	0.099	0.0	1.0	31.3	29.2	−38.7	48.5	307	0.617	0.0	1.0			
311	308	308	0.151	0.0	1.0	31.2	32.5	−37.2	49.5	311	0.113	0.0	1.0	31.3	30.0	−38.3	48.7	308	0.633	0.0	1.0	0.113	0.0	1.0	31.3	30.0	−38.3	48.7	308	0.633	0.0	1.0			
312	309	309	0.163	0.0	1.0	31.1	33.3	−36.9	49.8	312	0.127	0.0	1.0	31.2	30.8	−37.9	48.9	309	0.65	0.0	1.0	0.127	0.0	1.0	31.2	30.8	−37.9	48.9	309	0.65	0.0	1.0			
313	310	310	0.175	0.0	1.0	31.1	34.1	−36.5	50.0	313	0.139	0.0	1.0	31.2	31.6	−37.6	49.2	310	0.667	0.0	1.0	0.139	0.0	1.0	31.2	31.6	−37.6	49.2	310	0.667	0.0	1.0			
314	311	311	0.187	0.0	1.0	31.1	35.0	−36.1	50.3	314	0.151	0.0	1.0	31.2	32.5	−37.2	49.5	311	0.683	0.0	1.0	0.151	0.0	1.0	31.2	32.5	−37.2	49.5	311	0.683	0.0	1.0			
315	312	312	0.199	0.0	1.0	31.1	35.8	−35.7	50.6	315	0.163	0.0	1.0	31.1	33.3	−36.9	49.8	312	0.7	0.0	1.0	0.163	0.0	1.0	31.1	33.3	−36.9	49.8	312	0.7	0.0	1.0			
316	313	312	0.211	0.0	1.0	31.0	36.6	−35.2	50.9	316	0.175	0.0	1.0	31.1	34.1	−36.5	50.0	313	0.717	0.0	1.0	0.163	0.0	1.0	31.1	33.3	−36.9	49.8	312	0.717	0.0	1.0			
317	314	313	0.224	0.0	1.0	31.0	37.4	−34.8	51.2	317	0.187	0.0	1.0	31.1	35.0	−36.1	50.3	314	0.733	0.0	1.0	0.175	0.0	1.0	31.1	34.1	−36.5	50.0	313	0.733	0.0	1.0			
318	315	314	0.236	0.0	1.0	31.0	38.2	−34.3	51.4	318	0.199	0.0	1.0	31.1	35.8	−35.7	50.6	315	0.75	0.0	1.0	0.187	0.0	1.0	31.1	35.0	−36.1	50.3	314	0.75	0.0	1.0			
319	316	315	0.248	0.0	1.0	30.9	39.0	−33.8	51.7	319	0.211	0.0	1.0	31.0	36.6	−35.2	50.9	316	0.767	0.0	1.0	0.199	0.0	1.0	31.1	35.8	−35.7	50.6	315	0.767	0.0	1.0			
320	317	316	0.264	0.0	1.0	31.1	39.9	−33.4	52.0	320	0.224	0.0	1.0	31.0	37.4	−34.8	51.2	317	0.783	0.0	1.0	0.211	0.0	1.0	31.0	36.6	−35.2	50.9	316	0.783	0.0	1.0			
321	318	317	0.281	0.0	1.0	31.3	40.7	−32.9	52.4	321	0.236	0.0	1.0	31.0	38.2	−34.3	51.4	318	0.8	0.0	1.0	0.224	0.0	1.0	31.0	37.4	−34.8	51.2	317	0.8	0.0	1.0			
322	319	318	0.299	0.0	1.0	31.5	41.5	−32.3	52.7	322	0.248	0.0	1.0	30.9	39.0	−33.8	51.7	319	0.817	0.0	1.0	0.236	0.0	1.0	31.0	38.2	−34.3	51.4	318	0.817	0.0	1.0			
323	320	319	0.316	0.0	1.0	31.7	42.3	−31.8	53.0	323	0.264	0.0	1.0	31.1	39.9	−33.4	52.0	320	0.833	0.0	1.0	0.248	0.0	1.0	30.9	39.0	−33.8	51.7	319	0.833	0.0	1.0			
324	321	320	0.333	0.0	1.0	31.9	43.1	−31.2	53.3	324	0.281	0.0	1.0	31.3	40.7	−32.9	52.4	321	0.85	0.0	1.0	0.264	0.0	1.0	31.1	39.9	−33.4	52.0	320	0.85	0.0	1.0			
325	322	321	0.35	0.0	1.0	32.1	44.0	−30.7	53.7	325	0.299	0.0	1.0	31.5	41.5	−32.3	52.7	322	0.867	0.0	1.0	0.281	0.0	1.0	31.3	40.7	−32.9	52.4	321	0.867	0.0	1.0			
326	323	322	0.368	0.0	1.0	32.3	44.7	−30.1	54.0	326	0.316	0.0	1.0	31.7	42.3	−31.8	53.0	323	0.883	0.0	1.0	0.299	0.0	1.0	31.5	41.5	−32.3	52.7	322	0.883	0.0	1.0			
327	324	323	0.389	0.0	1.0	32.7	45.6	−29.5	54.4	327	0.333	0.0	1.0	31.9	43.1	−31.2	53.3	324	0.9	0.0	1.0	0.316	0.0	1.0	31.7	42.3	−31.8	53.0	323	0.9	0.0	1.0			
328	325	324	0.413	0.0	1.0	33.1	46.5	−28.9	54.8	328	0.35	0.0	1.0	32.1	44.0	−30.7	53.7	325	0.917	0.0	1.0	0.333	0.0	1.0	31.9	43.1	−31.2	53.3	324	0.917	0.0	1.0			
329	326	325	0.437	0.0	1.0	33.6	47.3	−28.3	55.2	329	0.368	0.0	1.0	32.3	44.7	−30.1	54.0	326	0.933	0.0	1.0	0.35	0.0	1.0	32.1	44.0	−30.7	53.7	325	0.933	0.0	1.0			
330	327	326	0.462	0.0	1.0	34.1	48.2	−27.7	55.6	330	0.389	0.0	1.0	32.7	45.6	−29.5	54.4	327	0.95	0.0	1.0	0.368	0.0	1.0	32.3	44.7	−30.1	54.0	326	0.95	0.0	1.0			
331	328	327	0.486	0.0	1.0	34.6	49.0	−27.1	56.1	331	0.413	0.0	1.0	33.1	46.5	−28.9	54.8	328	0.967	0.0	1.0	0.389	0.0	1.0	32.7	45.6	−29.5	54.4	327	0.967	0.0	1.0			
332	329	328	0.51	0.0	1.0	35.0	49.9	−26.4	56.5	332	0.437	0.0	1.0	33.6	47.3	−28.3	55.2	329	0.983	0.0	1.0	0.413	0.0	1.0	33.1	46.5	−28.9	54.8	328	0.983	0.0	1.0			
333	330	329	0.535	0.0	1.0	35.5	50.8	−25.8	57.0	333	0.462	0.0	1.0	34.1	48.2	−27.7	55.6	330	1.0	0.0	1.0 M_s	0.437	0.0	1.0	33.6	47.3	−28.3	55.2	329	1.0	0.0	1.0 M_e			
334	331	330	0.56	0.0	1.0	36.0	51.7	−25.1	57.6	334	0.486	0.0	1.0	34.6	49.0	−27.1	56.1	331	1.0	0.0	0.983	0.462	0.0	1.0	34.1	48.2	−27.7	55.6	330	1.0	0.0	0.983			
335	332	331	0.585	0.0	1.0	36.5	52.6	−24.4	58.1	335	0.51	0.0	1.0	35.0	49.9	−26.4	56.5	332	1.0	0.0	0.967	0.486	0.0	1.0	34.6	49.0	−27.1	56.1	331	1.0	0.0	0.967			
336	333	331	0.61	0.0	1.0	36.9	53.5	−23.7	58.6	336	0.535	0.0	1.0	35.5	50.8	−25.8	57.0	333	1.0	0.0	0.95	0.486	0.0	1.0	34.6	49.0	−27.1	56.1	331	1.0	0.0	0.95			
337	334	332	0.634	0.0	1.0	37.4	54.5	−23.0	59.2	337	0.56	0.0	1.0	36.0	51.7	−25.1	57.6	334	1.0	0.0	0.933	0.51	0.0	1.0	35.0	49.9	−26.4	56.5	332	1.0	0.0	0.933			
338	335	333	0.657	0.0	1.0	37.7	55.6	−22.4	60.0	338	0.585	0.0	1.0	36.5	52.6	−24.4	58.1	335	1.0	0.0	0.917	0.535	0.0	1.0	35.5	50.8	−25.8	57.0	333	1.0	0.0	0.917			
339	336	334	0.68	0.0	1.0	38.1	56.7	−21.7	60.7	339	0.61	0.0	1.0	36.9	53.5	−23.7	58.6	336	1.0	0.0	0.9	0.56	0.0	1.0	36.0	51.7	−25.1	57.6	334	1.0	0.0	0.9			
340	337	335	0.703	0.0	1.0	38.5	57.8	−20.9	61.5	340	0.634	0.0	1.0	37.4	54.5	−23.0	59.2	337	1.0	0.0	0.883	0.585	0.0	1.0	36.5	52.6	−24.4	58.1	335	1.0	0.0	0.883			
341	338	336	0.726	0.0	1.0	38.9	58.8	−20.2	62.2	341	0.657	0.0	1.0	37.7	55.6	−22.4	60.0	338	1.0	0.0	0.867	0.61	0.0	1.0	36.9	53.5	−23.7	58.6	336	1.0	0.0	0.867			
342	339	337	0.748	0.0	1.0	39.2	59.9	−19.4	63.0	342	0.68	0.0	1.0	38.1	56.7	−21.7	60.7	339	1.0	0.0	0.85	0.634	0.0	1.0	37.4	54.5	−23.0	59.2	337	1.0	0.0	0.85			
343	340	338	0.779	0.0	1.0	39.8	61.2	−18.6	64.0	343	0.703	0.0	1.0	38.5	57.8	−20.9	61.5	340	1.0	0.0	0.833	0.657	0.0	1.0	37.7	55.6	−22.4	60.0	338	1.0	0.0	0.833			
344	341	339	0.809	0.0	1.0	40.4	62.4	−17.8	64.9	344	0.726	0.0	1.0	38.9	58.8	−20.2	62.2	341	1.0	0.0	0.817	0.68	0.0	1.0	38.1	56.7	−21.7	60.7	339	1.0	0.0	0.817			
345	342	340	0.84	0.0	1.0	41.0	63.7	−17.0	65.9	345	0.748	0.0	1.0	39.2	59.9	−19.4	63.0	342	1.0	0.0	0.8	0.703	0.0	1.0	38.5	57.8	−20.9	61.5	340	1.0	0.0	0.8			
346	343	341	0.871	0.0	1.0	41.5	64.9	−16.1	66.9	346	0.779	0.0	1.0	39.8	61.2	−18.6	64.0	343	1.0	0.0	0.783	0.726	0.0	1.0	38.9	58.8	−20.2	62.2	341	1.0	0.0	0.783			
347	344	342	0.898	0.0	1.0	42.3	66.1	−15.2	67.8	347	0.809	0.0	1.0	40.4	62.4	−17.8	64.9	344	1.0	0.0	0.767	0.748	0.0	1.0	39.2	59.9	−19.4	63.0	342	1.0	0.0	0.767			
348	345	343	0.923	0.0	1.0	43.1	67.2	−14.2	68.7	348	0.84	0.0	1.0	41.0	63.7	−17.0	65.9	345	1.0	0.0	0.75	0.779	0.0	1.0	39.8	61.2	−18.6	64.0	343	1.0	0.0	0.75			

Data of Maximum color M in colorimetric system laser printer HRS27_96; separation cmy0*, 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:* $h_{ab,d}$ = 33.7, 99.3, 150.0, 227.4, 300.0, 351.0; 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
348	345	343	0.923	0.0	1.0	43.1	67.2	−14.2	68.7	348	0.84	0.0	1.0	41.0	63.7	−17.0	65.9	345	1.0	0.0	0.75	0.779	0.0	1.0	39.8	61.2	−18.6	64.0	343	1.0	0.0	0.75			
349	346	344	0.949	0.0	1.0	43.9	68.4	−13.2	69.6	349	0.871	0.0	1.0	41.5	64.9	−16.1	66.9	346	1.0	0.0	0.733	0.809	0.0	1.0	40.4	62.4	−17.8	64.9	344	1.0	0.0	0.733			
350	347	345	0.975	0.0	1.0	44.6	69.5	−12.2	70.6	350 M_d	0.898	0.0	1.0	42.3	66.1	−15.2	67.8	347	1.0	0.0	0.717	0.84	0.0	1.0	41.0	63.7	−17.0	65.9	345	1.0	0.0	0.717			
351	348	346	1.0	0.0	0.999	45.4	70.6	−11.1	71.4	351	0.923	0.0	1.0	43.1	67.2	−14.2	68.7	348	1.0	0.0	0.7	0.871	0.0	1.0	41.5	64.9	−16.1	66.9	346	1.0	0.0	0.7			
352	349	347	1.0	0.0	0.955	45.2	70.6	−9.8	71.3	352	0.949	0.0	1.0	43.9	68.4	−13.2	69.6	349	1.0	0.0	0.683	0.898	0.0	1.0	42.3	66.1	−15.2	67.8	347	1.0	0.0	0.683			
353	350	348	1.0	0.0	0.911	45.0	70.7	−8.6	71.2	353	0.975	0.0	1.0	44.6	69.5	−12.2	70.6	350	1.0	0.0	0.667	0.923	0.0	1.0	43.1	67.2	−14.2	68.7	348	1.0	0.0	0.667			
354	351	349	1.0	0.0	0.871	44.8	70.6	−7.3	71.0	354	1.0	0.0	0.999	45.4	70.6	−11.1	71.4	351	1.0	0.0	0.65	0.949	0.0	1.0	43.9	68.4	−13.2	69.6	349	1.0	0.0	0.65			
355	352	349	1.0	0.0	0.85	44.8	70.4	−6.1	70.7	355	1.0	0.0	0.955	45.2	70.6	−9.8	71.3	352	1.0	0.0	0.633	0.949	0.0	1.0	43.9	68.4	−13.2	69.6	349	1.0	0.0	0.633			
356	353	350	1.0	0.0	0.829	44.8	70.1	−4.8	70.3	356	1.0	0.0	0.911	45.0	70.7	−8.6	71.2	353	1.0	0.0	0.617	0.975	0.0	1.0	44.6	69.5	−12.2	70.6	350	1.0	0.0	0.617			
357	354	351	1.0	0.0	0.809	44.8	69.9	−3.6	70.0	357	1.0	0.0	0.871	44.8	70.6	−7.3	71.0	354	1.0	0.0	0.6	1.0	0.0	0.999	45.4	70.6	−11.1	71.4	351	1.0	0.0	0.6			
358	355	352	1.0	0.0	0.788	44.8	69.5	−2.3	69.6	358	1.0	0.0	0.85	44.8	70.4	−6.1	70.7	355	1.0	0.0	0.583	1.0	0.0	0.955	45.2	70.6	−9.8	71.3	352	1.0	0.0	0.583			
359	356	353	1.0	0.0	0.767	44.8	69.2	−1.1	69.2	359	1.0	0.0	0.829	44.8	70.1	−4.8	70.3	356	1.0	0.0	0.567	1.0	0.0	0.911	45.0	70.7	−8.6	71.2	353	1.0	0.0	0.567			
0	357	354	1.0	0.0	0.747	44.8	68.9	0.0	68.9	0	1.0	0.0	0.809	44.8	69.9	−3.6	70.0	357	1.0	0.0	0.55	1.0	0.0	0.871	44.8	70.6	−7.3	71.0	354	1.0	0.0	0.55			
1	358	355	1.0	0.0	0.729	44.8	68.5	1.2	68.6	1	1.0	0.0	0.788	44.8	69.5	−2.3	69.6	358	1.0	0.0	0.533	1.0	0.0	0.85	44.8	70.4	−6.1	70.7	355	1.0	0.0	0.533			
2	359	356	1.0	0.0	0.711	44.8	68.2	2.4	68.2	2	1.0	0.0	0.767	44.8	69.2	−1.1	69.2	359	1.0	0.0	0.517	1.0	0.0	0.829	44.8	70.1	−4.8	70.3	356	1.0	0.0	0.517			
3	360	357	1.0	0.0	0.694	44.8	67.8	3.6	67.9	3	1.0	0.0	0.747	44.8	68.9	0.0	68.9	0	1.0	0.0	0.5	1.0	0.0	0.809	44.8	69.9	−3.6	70.0	357	1.0	0.0	0.5			
4	361	358	1.0	0.0	0.676	44.8	67.4	4.7	67.6	4	1.0	0.0	0.729	44.8	68.5	1.2	68.6	1	1.0	0.0	0.483	1.0	0.0	0.788	44.8	69.5	−2.3	69.6	358	1.0	0.0	0.483			
5	362	359	1.0	0.0	0.659	44.8	67.0	5.9	67.3	5	1.0	0.0	0.711	44.8	68.2	2.4	68.2	2	1.0	0.0	0.467	1.0	0.0	0.767	44.8	69.2	−1.1	69.2	359	1.0	0.0	0.467			
6	363	360	1.0	0.0	0.641	44.7	66.6	7.0	67.0	6	1.0	0.0	0.694	44.8	67.8	3.6	67.9	3	1.0	0.0	0.45	1.0	0.0	0.747	44.8	68.9	0.0	68.9	0	1.0	0.0	0.45			
7	364	361	1.0	0.0	0.623	44.7	66.2	8.1	66.7	7	1.0	0.0	0.676	44.8	67.4	4.7	67.6	4	1.0	0.0	0.433	1.0	0.0	0.729	44.8	68.5	1.2	68.6	1	1.0	0.0	0.433			
8	365	362	1.0	0.0	0.603	44.7	65.8	9.3	66.5	8	1.0	0.0	0.659	44.8	67.0	5.9	67.3	5	1.0	0.0	0.417	1.0	0.0	0.711	44.8	68.2	2.4	68.2	2	1.0	0.0	0.417			
9	366	363	1.0	0.0	0.583	44.7	65.5	10.4	66.3	9	1.0	0.0	0.641	44.7	66.6	7.0	67.0	6	1.0	0.0	0.4	1.0	0.0	0.694	44.8	67.8	3.6	67.9	3	1.0	0.0	0.4			
10	367	364	1.0	0.0	0.563	44.6	65.1	11.5	66.1	10	1.0	0.0	0.623	44.7	66.2	8.1	66.7	7	1.0	0.0	0.383	1.0	0.0	0.676	44.8	67.4	4.7	67.6	4	1.0	0.0	0.383			
11	368	365	1.0	0.0	0.543	44.6	64.7	12.6	65.9	11	1.0	0.0	0.603	44.7	65.8	9.3	66.5	8	1.0	0.0	0.367	1.0	0.0	0.659	44.8	67.0	5.9	67.3	5	1.0	0.0	0.367			
12	369	366	1.0	0.0	0.523	44.6	64.3	13.7	65.8	12	1.0	0.0	0.583	44.7	65.5	10.4	66.3	9	1.0	0.0	0.35	1.0	0.0	0.641	44.7	66.6	7.0	67.0	6	1.0	0.0	0.35			
13	370	367	1.0	0.0	0.503	44.6	63.9	14.8	65.6	13	1.0	0.0	0.563	44.6	65.1	11.5	66.1	10	1.0	0.0	0.333	1.0	0.0	0.623	44.7	66.2	8.1	66.7	7	1.0	0.0	0.333			
14	371	367	1.0	0.0	0.483	44.6	63.6	15.9	65.6	14	1.0	0.0	0.543	44.6	64.7	12.6	65.9	11	1.0	0.0	0.317	1.0	0.0	0.623	44.7	66.2	8.1	66.7	7	1.0	0.0	0.317			
15	372	368	1.0	0.0	0.464	44.6	63.4	17.0	65.6	15	1.0	0.0	0.523	44.6	64.3	13.7	65.8	12	1.0	0.0	0.3	1.0	0.0	0.603	44.7	65.8	9.3	66.5	8	1.0	0.0	0.3			
16	373	369	1.0	0.0	0.444	44.7	63.1	18.1	65.6	16	1.0	0.0	0.503	44.6	63.9	14.8	65.6	13	1.0	0.0	0.283	1.0	0.0	0.583	44.7	65.5	10.4	66.3	9	1.0	0.0	0.283			
17	374	370	1.0	0.0	0.424	44.7	62.8	19.2	65.7	17	1.0	0.0	0.483	44.6	63.6	15.9	65.6	14	1.0	0.0	0.267	1.0	0.0	0.563	44.6	65.1	11.5	66.1	10	1.0	0.0	0.267			
18	375	371	1.0	0.0	0.404	44.8	62.5	20.3	65.7	18	1.0	0.0	0.464	44.6	63.4	17.0	65.6	15	1.0	0.0	0.25	1.0	0.0	0.543	44.6	64.7	12.6	65.9	11	1.0	0.0	0.25			
19	376	372	1.0	0.0	0.384	44.8	62.2	21.4	65.7	19	1.0	0.0	0.444	44.7	63.1	18.1	65.6	16	1.0	0.0	0.233	1.0	0.0	0.523	44.6	64.3	13.7	65.8	12	1.0	0.0	0.233			
20	377	373	1.0	0.0	0.362	44.8	62.0	22.6	65.9	20	1.0	0.0	0.424	44.7	62.8	19.2	65.7	17	1.0	0.0	0.217	1.0	0.0	0.503	44.6	63.9	14.8	65.6	13	1.0	0.0	0.217			
21	378	374	1.0	0.0	0.339	44.9	61.9	23.8	66.3	21	1.0	0.0	0.404	44.8	62.5	20.3	65.7	18	1.0	0.0	0.2	1.0	0.0	0.483	44.6	63.6	15.9	65.6	14	1.0	0.0	0.2			
22	379	375	1.0	0.0	0.315	44.9	61.8	25.0	66.7	22	1.0	0.0	0.384	44.8	62.2	21.4	65.7	19	1.0	0.0	0.183	1.0	0.0	0.464	44.6	63.4	17.0	65.6	15	1.0	0.0	0.183			
23	380	376	1.0	0.0	0.291	45.0	61.7	26.2	67.0	23	1.0	0.0	0.362	44.8	62.0	22.6	65.9	20	1.0	0.0	0.167	1.0	0.0	0.444	44.7	63.1	18.1	65.6	16	1.0	0.0	0.167			
24	381	377	1.0	0.0	0.268	45.0	61.6	27.4	67.4	24	1.0	0.0	0.339	44.9	61.9	23.8	66.3	21	1.0	0.0	0.15	1.0	0.0	0.424	44.7	62.8	19.2	65.7	17	1.0	0.0	0.15			
25	382	378	1.0	0.0	0.245	45.1	61.4	28.6	67.8	25	1.0	0.0	0.315	44.9	61.8	25.0	66.7	22	1.0	0.0	0.133	1.0	0.0	0.404	44.8	62.5	20.3	65.7	18	1.0	0.0	0.133			
26	383	379	1.0	0.0	0.222	45.3	61.4	29.9	68.3	26	1.0	0.0	0.291	45.0	61.7	26.2	67.0	23	1.0	0.0	0.117	1.0	0.0	0.384	44.8	62.2	21.4	65.7	19	1.0	0.0	0.117			
27	384	380	1.0	0.0	0.199	45.4	61.3	31.2	68.8	27	1.0	0.0	0.268	45.0	61.6	27.4	67.4	24	1.0	0.0	0.1	1.0	0.0	0.362	44.8	62.0	22.6	65.9	20	1.0	0.0	0.1			
28	385	381	1.0	0.0	0.176	45.6	61.2	32.5	69.3	28	1.0	0.0	0.245	45.1	61.4	28.6	67.8	25	1.0	0.0	0.083	1.0	0.0	0.339	44.9	61.9	23.8	66.3	21	1.0	0.0	0.083			
29	386	382	1.0	0.0	0.154	45.7	61.1	33.9	69.8	29	1.0	0.0	0.222	45.3	61.4	29.9	68.3	26	1.0	0.0	0.067	1.0	0.0	0.315	44.9	61.8	25.0	66.7	22	1.0	0.0	0.067			
30	387	383	1.0	0.0	0.131	45.9	60.9	35.2	70.4	30	1.0	0.0	0.199	45.4	61.3	31.2	68.8	27	1.0	0.0	0.05	1.0	0.0	0.291	45.0	61.7	26.2	67.0	23	1.0	0.0	0.05			
31	388	384	1.0	0.0	0.098	46.0	61.0	36.6	71.1	31	1.0	0.0	0.176	45.6	61.2	32.5	69.3	28	1.0	0.0	0.033	1.0	0.0	0.268	45.0	61.6	27.4	67.4	24	1.0	0.0	0.033			
32	389	385	1.0	0.0	0.062	46.1	61.1	38.2	72.0	32	1.0	0.0	0.154	45.7	61.1	33.9	69.8	29	1.0	0.0	0.017	1.0	0.0	0.245	45.1	61.4	28.6	67.8	25	1.0	0.0	0.017			
33	390	385	1.0	0.0	0.026	46.2	61.1	39.7	72.9	33 R_d	1.0	0.0	0.131	45.9	60.9	35.2	70.4	30	1.0	0.0	0.0 R_s	1.0	0.0	0.245	45.1	61.4	28.6	67.8	25	1.0	0.0	0.0 R_e			

Data of Maximum color M in colorimetric system laser printer HRS27_96; separation cmy0*, 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:* $h_{ab,d}$ = 33.9, 95.1, 151.0, 224.5, 294.5, 353.9; 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 = 92.0 83.4 95.1
*LAB**d = 92.0 −7.4 83.1
*rgb**d = 1.0 1.0 0.0

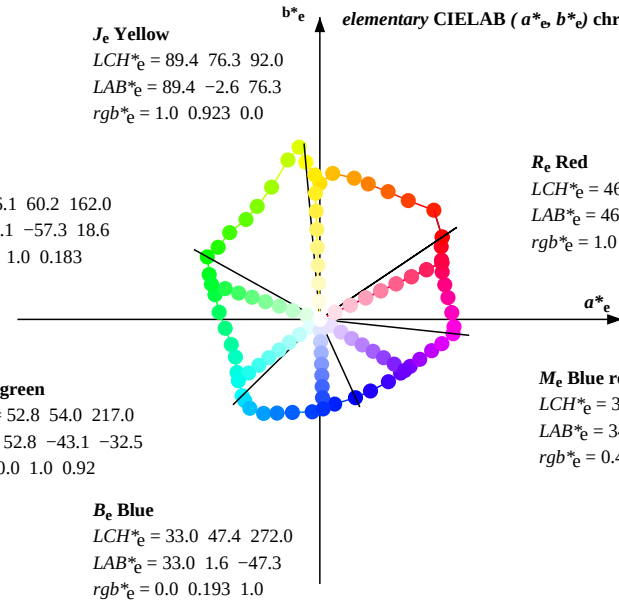
***O*=R_d Orange red**
*LCH**d = 48.1 77.9 33.9
*LAB**d = 48.1 64.7 43.5
*rgb**d = 1.0 0.0 0.0

***L*=G_d Leaf green**
*LCH**d = 56.1 68.0 150.9
*LAB**d = 56.1 −59.5 33.0
*rgb**d = 0.0 1.0 0.0

***C*=C_d Cyan blue**
*LCH**d = 50.6 57.5 224.5
*LAB**d = 50.6 −41.0 −40.3
*rgb**d = 0.0 1.0 1.0

***M*=M_d Magenta red**
*LCH**d = 47.0 70.9 353.9
*LAB**d = 47.0 70.5 −7.5
*rgb**d = 1.0 0.0 1.0

***V*=B_d Violet blue (very similar to elementary Blue)**
*LCH**d = 31.2 45.5 294.5
*LAB**d = 31.2 18.8 −41.4
*rgb**d = 0.0 0.0 1.0



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

J_e Yellow
*LCH**e = 89.4 76.3 92.0
*LAB**e = 89.4 −2.6 76.3
*rgb**e = 1.0 0.923 0.0

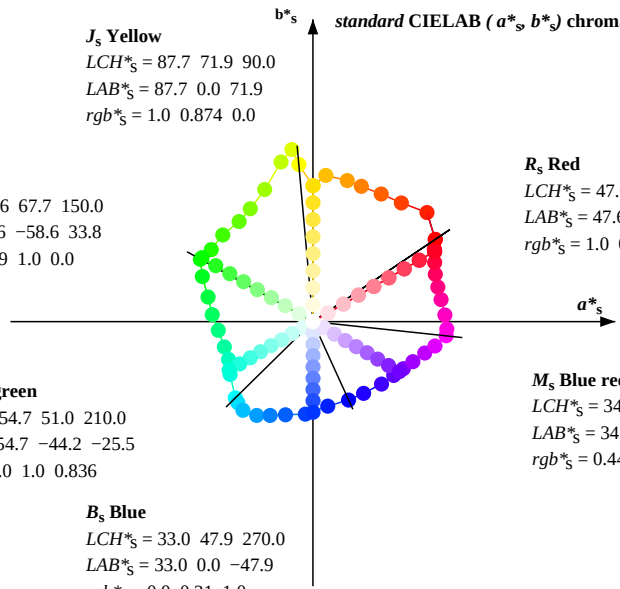
G_e Green
*LCH**e = 56.1 60.2 162.0
*LAB**e = 56.1 −57.3 18.6
*rgb**e = 0.0 1.0 0.183

R_e Red
*LCH**e = 46.8 71.2 25.0
*LAB**e = 46.8 64.5 30.0
*rgb**e = 1.0 0.0 0.275

C_e Blue green
*LCH**e = 52.8 54.0 217.0
*LAB**e = 52.8 −43.1 −32.5
*rgb**e = 0.0 1.0 0.92

M_e Blue red
*LCH**e = 34.0 52.4 329.0
*LAB**e = 34.0 44.9 −27.0
*rgb**e = 0.428 0.0 1.0

B_e Blue
*LCH**e = 33.0 47.4 272.0
*LAB**e = 33.0 1.6 −47.3
*rgb**e = 0.0 0.193 1.0



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

J_s Yellow
*LCH**s = 87.7 71.9 90.0
*LAB**s = 87.7 0.0 71.9
*rgb**s = 1.0 0.874 0.0

G_s Green
*LCH**s = 56.6 67.7 150.0
*LAB**s = 56.6 −58.6 33.8
*rgb**s = 0.019 1.0 0.0

R_s Red
*LCH**s = 47.6 74.3 30.0
*LAB**s = 47.6 64.3 37.1
*rgb**s = 1.0 0.0 0.146

C_s Blue green
*LCH**s = 54.7 51.0 210.0
*LAB**s = 54.7 −44.2 −25.5
*rgb**s = 0.0 1.0 0.836

M_s Blue red
*LCH**s = 34.4 52.8 330.0
*LAB**s = 34.4 45.7 −26.4
*rgb**s = 0.448 0.0 1.0

B_s Blue
*LCH**s = 33.0 47.9 270.0
*LAB**s = 33.0 0.0 −47.9
*rgb**s = 0.0 0.21 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 laser printer HRS27_96; separation cmy0*, 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:* $h_{ab,d}$ = 33.9, 95.1, 151.0, 224.5, 294.5, 353.9; 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
33.9	30.0	25.5	1.0	0.0	0.0	48.2	64.7	43.5	78.0	33.9	1.0	0.0	0.147	47.7	64.4	37.2	74.3	30	1.0	0.0	0.0	1.0	0.0	0.275	46.9	64.5	30.1	71.2	25	1.0	0.0	0.0			
43.7	37.5	33.8	1.0	0.125	0.0	54.4	60.4	57.7	83.5	43.7	1.0	0.052	0.0	50.8	63.3	49.4	80.3	38	1.0	0.125	0.0	1.0	0.001	0.0	48.2	64.7	43.6	78.0	34	1.0	0.125	0.0			
53.4	45.0	42.2	1.0	0.25	0.0	61.3	46.7	62.9	78.3	53.4	1.0	0.142	0.0	55.3	58.6	58.6	82.8	45	1.0	0.25	0.0	1.0	0.103	0.0	53.3	61.4	55.2	82.6	42	1.0	0.25	0.0			
61.9	52.5	50.5	1.0	0.375	0.0	66.9	36.1	67.5	76.6	61.9	1.0	0.245	0.0	61.0	47.3	62.7	78.6	53	1.0	0.375	0.0	1.0	0.219	0.0	59.6	50.1	61.9	79.6	51	1.0	0.375	0.0			
70.3	60.0	58.9	1.0	0.5	0.0	72.5	25.7	71.6	76.0	70.3	1.0	0.347	0.0	65.7	38.5	66.6	77.0	60	1.0	0.5	0.0	1.0	0.333	0.0	65.0	39.7	66.1	77.2	59	1.0	0.5	0.0			
76.3	67.5	67.2	1.0	0.625	0.0	76.6	18.2	74.7	76.9	76.3	1.0	0.466	0.0	71.0	28.5	70.6	76.2	68	1.0	0.625	0.0	1.0	0.451	0.0	70.3	29.8	70.2	76.3	67	1.0	0.625	0.0			
84.9	75.0	75.6	1.0	0.75	0.0	83.2	6.9	77.3	77.6	84.9	1.0	0.598	0.0	75.7	19.9	74.1	76.7	75	1.0	0.75	0.0	1.0	0.619	0.0	76.4	18.6	74.6	76.9	76	1.0	0.75	0.0			
90.0	82.5	84.0	1.0	0.875	0.0	87.7	0.0	71.9	71.9	90.0	1.0	0.722	0.0	81.7	9.4	76.9	77.4	83	1.0	0.875	0.0	1.0	0.737	0.0	82.5	8.1	77.1	77.5	84	1.0	0.875	0.0			
95.1	90.0	92.3	1.0	1.0	0.0	92.1	−7.4	83.1	83.4	95.1	1.0	0.875	0.0	87.7	0.0	71.9	71.9	90	1.0	1.0	0.0	1.0	0.923	0.0	89.4	−2.6	76.3	76.4	92	1.0	1.0	0.0			
96.9	97.5	101.1	0.875	1.0	0.0	94.1	−10.9	91.1	91.8	96.9	0.844	1.0	0.0	92.8	−12.5	89.5	90.3	98	0.875	1.0	0.0	0.758	1.0	0.0	89.2	−16.4	84.9	86.5	101	0.875	1.0	0.0			
101.3	105.0	109.8	0.75	1.0	0.0	88.9	−16.8	84.4	86.1	101.3	0.697	1.0	0.0	85.2	−20.9	78.4	81.1	105	0.75	1.0	0.0	0.625	1.0	0.0	80.4	−25.4	70.0	74.4	110	0.75	1.0	0.0			
110.0	112.5	118.5	0.625	1.0	0.0	80.3	−25.4	69.9	74.4	110.0	0.583	1.0	0.0	78.1	−28.2	66.6	72.4	113	0.625	1.0	0.0	0.498	1.0	0.0	73.6	−33.0	59.8	68.3	119	0.625	1.0	0.0			
118.9	120.0	127.3	0.5	1.0	0.0	73.6	−33.0	59.9	68.4	118.9	0.482	1.0	0.0	72.9	−33.9	58.9	68.0	120	0.5	1.0	0.0	0.368	1.0	0.0	68.4	−39.5	52.5	65.8	127	0.5	1.0	0.0			
126.5	127.5	136.0	0.375	1.0	0.0	68.8	−39.0	52.9	65.7	126.5	0.355	1.0	0.0	67.9	−40.4	51.9	65.8	128	0.375	1.0	0.0	0.251	1.0	0.0	63.5	−47.6	46.0	66.3	136	0.375	1.0	0.0			
136.1	135.0	144.7	0.25	1.0	0.0	63.4	−47.7	45.9	66.3	136.1	0.264	1.0	0.0	64.0	−46.7	46.8	66.2	135	0.25	1.0	0.0	0.118	1.0	0.0	59.4	−54.0	37.9	66.1	145	0.25	1.0	0.0			
144.7	142.5	153.5	0.125	1.0	0.0	59.6	−53.7	38.1	66.0	144.7	0.149	1.0	0.0	60.3	−52.6	39.7	66.0	143	0.125	1.0	0.0	0.0	1.0	0.037	56.1	−59.2	30.2	66.6	153	0.125	1.0	0.0			
151.0	150.0	162.2	0.0	1.0	0.0	56.2	−59.4	33.0	68.1	151.0	0.019	1.0	0.0	56.7	−58.6	33.9	67.7	150	0.0	1.0	0.0	0.0	1.0	0.183	56.1	−57.2	18.6	60.3	162	0.0	1.0	0.0			
157.9	157.5	169.1	0.0	1.0	0.125	56.0	−58.4	23.8	63.1	157.9	0.0	1.0	0.127	56.0	−58.4	23.6	63.1	158	0.0	1.0	0.125	0.0	1.0	0.281	56.2	−55.0	10.7	56.1	169	0.0	1.0	0.125			
166.7	165.0	175.9	0.0	1.0	0.25	56.3	−55.4	13.1	57.0	166.7	0.0	1.0	0.226	56.2	−56.1	15.1	58.2	165	0.0	1.0	0.25	0.0	1.0	0.375	56.1	−53.1	3.7	53.4	176	0.0	1.0	0.25			
176.0	172.5	182.8	0.0	1.0	0.375	56.1	−53.1	3.7	53.4	176.0	0.0	1.0	0.335	56.2	−54.0	6.6	54.6	173	0.0	1.0	0.375	0.0	1.0	0.469	56.2	−50.9	−2.6	51.0	183	0.0	1.0	0.375			
185.3	180.0	189.6	0.0	1.0	0.5	56.3	−49.9	−4.6	50.2	185.3	0.0	1.0	0.429	56.2	−51.9	0.0	52.0	180	0.0	1.0	0.5	0.0	1.0	0.555	56.4	−48.7	−8.5	49.6	190	0.0	1.0	0.5			
195.9	187.5	196.4	0.0	1.0	0.625	56.6	−46.7	−13.3	48.7	195.9	0.0	1.0	0.531	56.4	−49.3	−6.8	49.9	188	0.0	1.0	0.625	0.0	1.0	0.626	56.6	−46.7	−13.3	48.7	196	0.0	1.0	0.625			
204.1	195.0	203.3	0.0	1.0	0.75	55.9	−44.6	−19.9	49.0	204.1	0.0	1.0	0.614	56.6	−47.1	−12.5	48.8	195	0.0	1.0	0.75	0.0	1.0	0.733	56.0	−44.9	−19.0	48.9	203	0.0	1.0	0.75			
212.6	202.5	210.1	0.0	1.0	0.875	54.2	−43.7	−27.9	52.0	212.6	0.0	1.0	0.733	56.0	−44.9	−19.0	48.9	203	0.0	1.0	0.875	0.0	1.0	0.837	54.7	−44.1	−25.4	51.1	210	0.0	1.0	0.875			
224.5	210.0	217.0	0.0	1.0	1.0	50.6	−41.0	−40.3	57.6	224.5	0.0	1.0	0.837	54.7	−44.1	−25.4	51.1	210	0.0	1.0	1.0	0.0	1.0	0.921	52.9	−43.1	−32.4	54.0	217	0.0	1.0	1.0			
227.2	217.5	223.8	0.0	0.875	1.0	49.8	−39.6	−42.8	58.5	227.2	0.0	1.0	0.931	52.6	−42.9	−33.5	54.5	218	0.0	0.875	1.0	0.0	1.0	0.995	50.8	−41.1	−39.7	57.3	224	0.0	0.875	1.0			
231.8	225.0	230.7	0.0	0.75	1.0	49.4	−36.9	−46.9	59.9	231.8	0.0	0.978	1.0	50.5	−40.7	−40.7	57.7	225	0.0	0.75	1.0	0.0	0.772	1.0	49.5	−37.4	−46.2	59.6	231	0.0	0.75	1.0			
239.1	232.5	237.5	0.0	0.625	1.0	46.6	−29.7	−49.6	58.0	239.1	0.0	0.729	1.0	49.0	−35.7	−47.5	59.5	233	0.0	0.625	1.0	0.0	0.643	1.0	47.0	−30.8	−49.3	58.2	238	0.0	0.625	1.0			
245.4	240.0	244.4	0.0	0.5	1.0	42.6	−22.6	−49.5	54.6	245.4	0.0	0.607	1.0	46.0	−28.6	−49.7	57.5	240	0.0	0.5	1.0	0.0	0.528	1.0	43.5	−24.2	−49.6	55.3	244	0.0	0.5	1.0			
253.7	247.5	251.2	0.0	0.375	1.0	38.0	−14.3	−49.2	51.3	253.7	0.0	0.461	1.0	41.2	−20.0	−49.6	53.6	248	0.0	0.375	1.0	0.0	0.415	1.0	39.5	−17.0	−49.4	52.4	251	0.0	0.375	1.0			
265.3	255.0	258.0	0.0	0.25	1.0	33.1	−3.9	−48.8	49.1	265.3	0.0	0.361	1.0	37.5	−13.1	−49.2	51.1	255	0.0	0.25	1.0	0.0	0.329	1.0	36.2	−10.4	−49.3	50.5	258	0.0	0.25	1.0			
280.0	262.5	264.9	0.0	0.125	1.0	32.9	7.9	−44.6	45.4	280.0	0.0	0.275	1.0	34.1	−5.9	−49.1	49.5	263	0.0	0.125	1.0	0.0	0.253	1.0	33.2	−4.2	−48.9	49.1	265	0.0	0.125	1.0			
294.5	270.0	271.7	0.0	0.0	1.0	31.2	18.9	−41.3	45.5	294.5	0.0	0.21	1.0	33.1	0.0	−47.8	47.9	270	0.0	0.0	1.0	0.0	0.193	1.0	33.0	1.7	−47.3	47.4	272	0.0	0.0	1.0			
305.2	277.5	278.8	0.125	0.0	1.0	31.0	26.8	−37.9	46.5	305.2	0.0	0.142	1.0	33.0	6.4	−45.4	45.9	278	0.125	0.0	1.0	0.0	0.134	1.0	32.9	7.1	−45.0	45.7	279	0.125	0.0	1.0			
317.7	285.0	286.0	0.25	0.0	1.0	31.1	36.2	−32.8	49.0	317.7	0.0	0.082	1.0	32.3	11.8	−43.8	45.5	285	0.25	0.0	1.0	0.0	0.073	1.0	32.2	12.5	−43.6	45.5	286	0.25	0.0	1.0			
326.4	292.5	293.1	0.375	0.0	1.0	32.9	42.8	−28.3	51.4	326.4	0.0	0.013	1.0	31.4	17.8	−41.8	45.5	293	0.375	0.0	1.0	0.0	0.013	1.0	31.4	17.8	−41.8	45.5	293	0.375	0.0	1.0			
332.5	300.0	300.2	0.5	0.0	1.0	35.5	47.8	−24.8	53.9	332.5	0.064	0.0	1.0	31.1	23.0	−39.7	46.0	300	0.5	0.0	1.0	0.064	0.0	1.0	31.1	23.0	−39.7	46.0	300	0.5	0.0	1.0			
338.2	307.5	307.3	0.625	0.0	1.0	38.1	52.8	−21.0	56.9	338.2	0.153	0.0	1.0	31.1	28.9	−36.9	47.0	308	0.625	0.0	1.0	0.143	0.0	1.0	31.1	28.2	−37.3	46.8	307	0.625	0.0	1.0			
344.3	315.0	314.4	0.75	0.0	1.0	40.5	59.2	−16.5	61.5	344.3	0.223	0.0	1.0	31.1	34.2	−34.1	48.4	315	0.75	0.0	1.0	0.213	0.0	1.0	31.1	33.5	−34.6	48.2	314	0.75	0.0	1.0			
348.8	322.5	321.5	0.875	0.0	1.0	43.0	64.6	−12.7	65.8	348.8	0.326	0.0	1.0	32.2	40.3	−30.3	50.4	323	0.875	0.0	1.0	0.297	0.0	1.0	31.8	38.8	−31.3	49.9	321	0.875	0.0	1.0			
353.9	330.0	328.6	1.0	0.0	1.0	47.1	70.6	−7.4	71.0	353.9	0.449	0.0	1.0	34.5	45.8	−26.3	52.9	330	1.0	0.0	1.0	0.428	0.0	1.0	34.0	45.0	−26.9	52.5	329	1.0	0.0	1.0			
356.9	337.5	335.7	1.0	0.0	0.875	46.6	70.9	−3.8	71.0	356.9	0.62	0.0	1.0	38.0	52.6	−21.2	56.8	338	1.0	0.0	0.875	0.576	0.0	1.0	37.1	50.9	−22.6	55.7	336	1.0	0.0	0.875			
362.9	345.0	342.8	1.0	0.0	0.75	46.6	69.9	3.5	70.0	362.9	0.768	0.0	1.0	40.8	60.0	−16.0	62.1	345	1.0	0.0	0.75	0.722	0.0	1.0	40.0	57.8	−17.6	60.5	343	1.0	0.0	0.75			
369.7	352.5	349.9	1.0	0.0	0.625	46.5	67.9	11.6	68.8	369.7	0.978	0.0	1.0	46.3	69.5	−8.4	70.1	353	1.0	0.0	0.625	0.905	0.0	1.0	44.0	66.1	−11.5	67.1	350	1.0	0.0	0.625			
375.5	360.0	357.0	1.0	0.0	0.5	46.4	66.0	18.3	68.5	375.5	1.0	0.0	0.81	46.6	70.5	0.0	70.5	0	1.0	0.0	0.5	1.0	0.0	0.872	46.6	70.9	−3.6	71.0	357	1.0	0.0	0.5			
381.2	367.5	364.2	1.0	0.0	0.375	46.6	64.7	25.1	69.4	381.2	1.0	0.0	0.656	46.6	68.4	9.6	69.1	8	1.0	0.0	0.375	1.0	0.0	0.729	46.6	69.6	4.9	69.8	4	1.0	0.0	0.375			
386.0	375.0	371.3	1.0	0.0	0.25	46.9	64.5	31.4	71.7	386.0	1.0	0.0	0.511	46.4	66.2	17.7	68.5	15	1.0	0.0	0.25	1.0	0.0	0.597	46.5	67.5	13.1	68.8	11	1.0	0.0	0.25			
390.8	382.5	378.4	1.0	0.0	0.125	47.8	64.3	38.4	74.9	390.8	1.0	0.0	0.328	46.7	64.7	27.4	70.2	23	1.0	0.0	0.125	1.0	0.0	0.445	46.5	65.5	21.3	68.9	18	1.0	0.0	0.125			
393.9	390.0	385.5	1.0	0.0	0.0	48.2	64.7	43.5	78.0	393.9	1.0	0.0	0.147	47.7	64.4	37.2	74.3	30	1.0	0.0	0.0	1.0	0.0	0.275	46.9	64.5	30.1	71.2	25	1.0	0.0	0.0			

Data of Maximum color M in colorimetric system laser printer HRS27_96; separation cmy0*, 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:* $h_{ab,d}$ = 33.9, 95.1, 151.0, 224.5, 294.5, 353.9; 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
33	30	25	1.0	0.0	0.037	48.1	64.6	42.0	77.0	33	R_d	1.0	0.0	0.147	47.7	64.4	37.2	74.3	30	1.0	0.0	0.0R_s	1.0	0.0	0.275	46.9	64.5	30.1	71.2	25	1.0	0.0	0.0R_e			
34	31	27	1.0	0.001	0.0	48.2	64.7	43.6	78.0	34		1.0	0.0	0.119	47.8	64.3	38.6	75.0	31	1.0	0.017	0.0	1.0	0.0	0.223	47.1	64.5	32.9	72.4	27	1.0	0.017	0.0			
35	32	28	1.0	0.014	0.0	48.9	64.4	45.1	78.6	35		1.0	0.0	0.078	48.0	64.5	40.3	76.0	32	1.0	0.033	0.0	1.0	0.0	0.198	47.3	64.5	34.3	73.0	28	1.0	0.033	0.0			
36	33	29	1.0	0.027	0.0	49.5	64.0	46.5	79.2	36		1.0	0.0	0.037	48.1	64.6	42.0	77.0	33	1.0	0.05	0.0	1.0	0.0	0.172	47.5	64.4	35.7	73.7	29	1.0	0.05	0.0			
37	34	30	1.0	0.039	0.0	50.1	63.7	48.0	79.7	37		1.0	0.001	0.0	48.2	64.7	43.6	78.0	34	1.0	0.067	0.0	1.0	0.0	0.147	47.7	64.4	37.2	74.3	30	1.0	0.067	0.0			
38	35	31	1.0	0.052	0.0	50.8	63.3	49.4	80.3	38		1.0	0.014	0.0	48.9	64.4	45.1	78.6	35	1.0	0.083	0.0	1.0	0.0	0.119	47.8	64.3	38.6	75.0	31	1.0	0.083	0.0			
39	36	32	1.0	0.065	0.0	51.4	62.8	50.9	80.9	39		1.0	0.027	0.0	49.5	64.0	46.5	79.2	36	1.0	0.1	0.0	1.0	0.0	0.078	48.0	64.5	40.3	76.0	32	1.0	0.1	0.0			
40	37	33	1.0	0.078	0.0	52.0	62.4	52.3	81.4	40		1.0	0.039	0.0	50.1	63.7	48.0	79.7	37	1.0	0.117	0.0	1.0	0.0	0.037	48.1	64.6	42.0	77.0	33	1.0	0.117	0.0			
41	38	34	1.0	0.091	0.0	52.7	61.9	53.8	82.0	41		1.0	0.052	0.0	50.8	63.3	49.4	80.3	38	1.0	0.133	0.0	1.0	0.001	0.0	48.2	64.7	43.6	78.0	34	1.0	0.133	0.0			
42	39	36	1.0	0.103	0.0	53.3	61.4	55.2	82.6	42		1.0	0.065	0.0	51.4	62.8	50.9	80.9	39	1.0	0.15	0.0	1.0	0.027	0.0	49.5	64.0	46.5	79.2	36	1.0	0.15	0.0			
43	40	37	1.0	0.116	0.0	53.9	60.8	56.7	83.1	43		1.0	0.078	0.0	52.0	62.4	52.3	81.4	40	1.0	0.167	0.0	1.0	0.039	0.0	50.1	63.7	48.0	79.7	37	1.0	0.167	0.0			
44	41	38	1.0	0.129	0.0	54.6	60.0	57.9	83.4	44		1.0	0.091	0.0	52.7	61.9	53.8	82.0	41	1.0	0.183	0.0	1.0	0.052	0.0	50.8	63.3	49.4	80.3	38	1.0	0.183	0.0			
45	42	39	1.0	0.142	0.0	55.3	58.6	58.6	82.8	45		1.0	0.103	0.0	53.3	61.4	55.2	82.6	42	1.0	0.2	0.0	1.0	0.065	0.0	51.4	62.8	50.9	80.9	39	1.0	0.2	0.0			
46	43	40	1.0	0.155	0.0	56.0	57.2	59.2	82.3	46		1.0	0.116	0.0	53.9	60.8	56.7	83.1	43	1.0	0.217	0.0	1.0	0.078	0.0	52.0	62.4	52.3	81.4	40	1.0	0.217	0.0			
47	44	41	1.0	0.168	0.0	56.8	55.8	59.8	81.8	47		1.0	0.129	0.0	54.6	60.0	57.9	83.4	44	1.0	0.233	0.0	1.0	0.091	0.0	52.7	61.9	53.8	82.0	41	1.0	0.233	0.0			
48	45	42	1.0	0.18	0.0	57.5	54.4	60.4	81.2	48		1.0	0.142	0.0	55.3	58.6	58.6	82.8	45	1.0	0.25	0.0	1.0	0.103	0.0	53.3	61.4	55.2	82.6	42	1.0	0.25	0.0			
49	46	43	1.0	0.193	0.0	58.2	52.9	60.9	80.7	49		1.0	0.155	0.0	56.0	57.2	59.2	82.3	46	1.0	0.267	0.0	1.0	0.116	0.0	53.9	60.8	56.7	83.1	43	1.0	0.267	0.0			
50	47	44	1.0	0.206	0.0	58.9	51.5	61.4	80.2	50		1.0	0.168	0.0	56.8	55.8	59.8	81.8	47	1.0	0.283	0.0	1.0	0.129	0.0	54.6	60.0	57.9	83.4	44	1.0	0.283	0.0			
51	48	46	1.0	0.219	0.0	59.6	50.1	61.9	79.6	51		1.0	0.18	0.0	57.5	54.4	60.4	81.2	48	1.0	0.3	0.0	1.0	0.155	0.0	56.0	57.2	59.2	82.3	46	1.0	0.3	0.0			
52	49	47	1.0	0.232	0.0	60.3	48.7	62.3	79.1	52		1.0	0.193	0.0	58.2	52.9	60.9	80.7	49	1.0	0.317	0.0	1.0	0.168	0.0	56.8	55.8	59.8	81.8	47	1.0	0.317	0.0			
53	50	48	1.0	0.245	0.0	61.0	47.3	62.7	78.6	53		1.0	0.206	0.0	58.9	51.5	61.4	80.2	50	1.0	0.333	0.0	1.0	0.18	0.0	57.5	54.4	60.4	81.2	48	1.0	0.333	0.0			
54	51	49	1.0	0.259	0.0	61.7	46.0	63.3	78.2	54		1.0	0.219	0.0	59.6	50.1	61.9	79.6	51	1.0	0.35	0.0	1.0	0.193	0.0	58.2	52.9	60.9	80.7	49	1.0	0.35	0.0			
55	52	50	1.0	0.274	0.0	62.4	44.7	63.9	78.0	55		1.0	0.232	0.0	60.3	48.7	62.3	79.1	52	1.0	0.367	0.0	1.0	0.206	0.0	58.9	51.5	61.4	80.2	50	1.0	0.367	0.0			
56	53	51	1.0	0.288	0.0	63.0	43.5	64.5	77.8	56		1.0	0.245	0.0	61.0	47.3	62.7	78.6	53	1.0	0.383	0.0	1.0	0.219	0.0	59.6	50.1	61.9	79.6	51	1.0	0.383	0.0			
57	54	52	1.0	0.303	0.0	63.7	42.3	65.1	77.6	57		1.0	0.259	0.0	61.7	46.0	63.3	78.2	54	1.0	0.4	0.0	1.0	0.232	0.0	60.3	48.7	62.3	79.1	52	1.0	0.4	0.0			
58	55	53	1.0	0.318	0.0	64.4	41.0	65.6	77.4	58		1.0	0.274	0.0	62.4	44.7	63.9	78.0	55	1.0	0.417	0.0	1.0	0.245	0.0	61.0	47.3	62.7	78.6	53	1.0	0.417	0.0			
59	56	54	1.0	0.333	0.0	65.0	39.7	66.1	77.2	59		1.0	0.288	0.0	63.0	43.5	64.5	77.8	56	1.0	0.433	0.0	1.0	0.259	0.0	61.7	46.0	63.3	78.2	54	1.0	0.433	0.0			
60	57	56	1.0	0.347	0.0	65.7	38.5	66.6	77.0	60		1.0	0.303	0.0	63.7	42.3	65.1	77.6	57	1.0	0.45	0.0	1.0	0.288	0.0	63.0	43.5	64.5	77.8	56	1.0	0.45	0.0			
61	58	57	1.0	0.362	0.0	66.4	37.2	67.1	76.8	61		1.0	0.318	0.0	64.4	41.0	65.6	77.4	58	1.0	0.467	0.0	1.0	0.303	0.0	63.7	42.3	65.1	77.6	57	1.0	0.467	0.0			
62	59	58	1.0	0.377	0.0	67.0	35.9	67.6	76.6	62		1.0	0.333	0.0	65.0	39.7	66.1	77.2	59	1.0	0.483	0.0	1.0	0.318	0.0	64.4	41.0	65.6	77.4	58	1.0	0.483	0.0			
63	60	59	1.0	0.392	0.0	67.7	34.7	68.2	76.5	63		1.0	0.347	0.0	65.7	38.5	66.6	77.0	60	1.0	0.5	0.0	1.0	0.333	0.0	65.0	39.7	66.1	77.2	59	1.0	0.5	0.0			
64	61	60	1.0	0.407	0.0	68.3	33.5	68.7	76.4	64		1.0	0.362	0.0	66.4	37.2	67.1	76.8	61	1.0	0.517	0.0	1.0	0.347	0.0	65.7	38.5	66.6	77.0	60	1.0	0.517	0.0			
65	62	61	1.0	0.421	0.0	69.0	32.3	69.2	76.4	65		1.0	0.377	0.0	67.0	35.9	67.6	76.6	62	1.0	0.533	0.0	1.0	0.362	0.0	66.4	37.2	67.1	76.8	61	1.0	0.533	0.0			
66	63	62	1.0	0.436	0.0	69.7	31.0	69.7	76.3	66		1.0	0.392	0.0	67.7	34.7	68.2	76.5	63	1.0	0.55	0.0	1.0	0.377	0.0	67.0	35.9	67.6	76.6	62	1.0	0.55	0.0			
67	64	63	1.0	0.451	0.0	70.3	29.8	70.2	76.3	67		1.0	0.407	0.0	68.3	33.5	68.7	76.4	64	1.0	0.567	0.0	1.0	0.392	0.0	67.7	34.7	68.2	76.5	63	1.0	0.567	0.0			
68	65	64	1.0	0.466	0.0	71.0	28.5	70.6	76.2	68		1.0	0.421	0.0	69.0	32.3	69.2	76.4	65	1.0	0.583	0.0	1.0	0.407	0.0	68.3	33.5	68.7	76.4	64	1.0	0.583	0.0			
69	66	66	1.0	0.481	0.0	71.6	27.3	71.1	76.1	69		1.0	0.436	0.0	69.7	31.0	69.7	76.3	66	1.0	0.6	0.0	1.0	0.436	0.0	69.7	31.0	69.7	76.3	66	1.0	0.6	0.0			
70	67	67	1.0	0.496	0.0	72.3	26.0	71.5	76.1	70		1.0	0.451	0.0	70.3	29.8	70.2	76.3	67	1.0	0.617	0.0	1.0	0.451	0.0	70.3	29.8	70.2	76.3	67	1.0	0.617	0.0			
71	68	68	1.0	0.515	0.0	73.0	24.8	72.0	76.2	71		1.0	0.466	0.0	71.0	28.5	70.6	76.2	68	1.0	0.633	0.0	1.0	0.466	0.0	71.0	28.5	70.6	76.2	68	1.0	0.633	0.0			
72	69	69	1.0	0.536	0.0	73.7	23.6	72.6	76.3	72		1.0	0.481	0.0	71.6	27.3	71.1	76.1	69	1.0	0.65	0.0	1.0	0.481	0.0	71.6	27.3	71.1	76.1	69	1.0	0.65	0.0			
73	70	70	1.0	0.556	0.0	74.4	22.4	73.1	76.4	73		1.0	0.496	0.0	72.3	26.0	71.5	76.1	70	1.0	0.667	0.0	1.0	0.496	0.0	72.3	26.0	71.5	76.1	70	1.0	0.667	0.0			
74	71	71	1.0	0.577	0.0	75.1	21.1	73.6	76.6	74		1.0	0.515	0.0	73.0	24.8	72.0	76.2	71	1.0	0.683	0.0	1.0	0.515	0.0	73.0	24.8	72.0	76.2	71	1.0	0.683	0.0			
75	72	72	1.0	0.598	0.0	75.7	19.9	74.1	76.7	75		1.0	0.536	0.0	73.7	23.6	72.6	76.3	72	1.0	0.7	0.0	1.0	0.536	0.0	73.7	23.6	72.6	76.3	72	1.0	0.7	0.0			
76	73	73	1.0	0.619	0.0	76.4	18.6	74.6	76.9	76		1.0	0.556	0.0	74.4	22.4	73.1	76.4	73	1.0	0.717	0.0	1.0	0.556	0.0	74.4	22.4	73.1	76.4	73	1.0	0.717	0.0			
77	74	74	1.0	0.635	0.0	77.2	17.3	75.0	77.0	77		1.0	0.577	0.0	75.1	21.1	73.6	76.6	74	1.0	0.733	0.0	1.0	0.577	0.0	75.1	21.1	73.6	76.6	74	1.0	0.733	0.0			
78	75	76	1.0	0.65	0.0	77.9	16.0	75.4	77.1	78		1.0	0.598	0.0	75.7	19.9	74.1	76.7	75	1.0	0.75	0.0	1.0	0.619	0.0	76.4	18.6	74.6	76.9	76	1.0	0.75	0.0			

Data of Maximum color M in colorimetric system laser printer HRS27_96; separation cmy0*, 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:* $h_{ab,d}$ = 33.9, 95.1, 151.0, 224.5, 294.5, 353.9; 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
78	75	76	1.0	0.65	0.0	77.9	16.0	75.4	77.1	78	1.0	0.598	0.0	75.7	19.9	74.1	76.7	75	1.0	0.75	0.0	1.0	0.619	0.0	76.4	18.6	74.6	76.9	76	1.0	0.75	0.0			
79	76	77	1.0	0.664	0.0	78.7	14.7	75.7	77.1	79	1.0	0.619	0.0	76.4	18.6	74.6	76.9	76	1.0	0.767	0.0	1.0	0.635	0.0	77.2	17.3	75.0	77.0	77	1.0	0.767	0.0			
80	77	78	1.0	0.679	0.0	79.5	13.4	76.0	77.2	80	1.0	0.635	0.0	77.2	17.3	75.0	77.0	77	1.0	0.783	0.0	1.0	0.65	0.0	77.9	16.0	75.4	77.1	78	1.0	0.783	0.0			
81	78	79	1.0	0.693	0.0	80.2	12.1	76.3	77.3	81	1.0	0.65	0.0	77.9	16.0	75.4	77.1	78	1.0	0.8	0.0	1.0	0.664	0.0	78.7	14.7	75.7	77.1	79	1.0	0.8	0.0			
82	79	80	1.0	0.708	0.0	81.0	10.8	76.6	77.4	82	1.0	0.664	0.0	78.7	14.7	75.7	77.1	79	1.0	0.817	0.0	1.0	0.679	0.0	79.5	13.4	76.0	77.2	80	1.0	0.817	0.0			
83	80	81	1.0	0.722	0.0	81.7	9.4	76.9	77.4	83	1.0	0.679	0.0	79.5	13.4	76.0	77.2	80	1.0	0.833	0.0	1.0	0.693	0.0	80.2	12.1	76.3	77.3	81	1.0	0.833	0.0			
84	81	82	1.0	0.737	0.0	82.5	8.1	77.1	77.5	84	1.0	0.693	0.0	80.2	12.1	76.3	77.3	81	1.0	0.85	0.0	1.0	0.708	0.0	81.0	10.8	76.6	77.4	82	1.0	0.85	0.0			
85	82	83	1.0	0.753	0.0	83.3	6.8	77.2	77.5	85	1.0	0.708	0.0	81.0	10.8	76.6	77.4	82	1.0	0.867	0.0	1.0	0.722	0.0	81.7	9.4	76.9	77.4	83	1.0	0.867	0.0			
86	83	85	1.0	0.777	0.0	84.2	5.3	76.2	76.3	86	1.0	0.722	0.0	81.7	9.4	76.9	77.4	83	1.0	0.883	0.0	1.0	0.753	0.0	83.3	6.8	77.2	77.5	85	1.0	0.883	0.0			
87	84	86	1.0	0.801	0.0	85.1	3.9	75.1	75.2	87	1.0	0.737	0.0	82.5	8.1	77.1	77.5	84	1.0	0.9	0.0	1.0	0.777	0.0	84.2	5.3	76.2	76.3	86	1.0	0.9	0.0			
88	85	87	1.0	0.826	0.0	85.9	2.6	74.1	74.1	88	1.0	0.753	0.0	83.3	6.8	77.2	77.5	85	1.0	0.917	0.0	1.0	0.801	0.0	85.1	3.9	75.1	75.2	87	1.0	0.917	0.0			
89	86	88	1.0	0.85	0.0	86.8	1.3	73.0	73.0	89	1.0	0.777	0.0	84.2	5.3	76.2	76.3	86	1.0	0.933	0.0	1.0	0.826	0.0	85.9	2.6	74.1	74.1	88	1.0	0.933	0.0			
90	87	89	1.0	0.875	0.0	87.7	0.0	71.9	71.9	90	1.0	0.801	0.0	85.1	3.9	75.1	75.2	87	1.0	0.95	0.0	1.0	0.85	0.0	86.8	1.3	73.0	73.0	89	1.0	0.95	0.0			
91	88	90	1.0	0.899	0.0	88.6	−1.2	74.1	74.1	91	1.0	0.826	0.0	85.9	2.6	74.1	74.1	88	1.0	0.967	0.0	1.0	0.875	0.0	87.7	0.0	71.9	71.9	90	1.0	0.967	0.0			
92	89	91	1.0	0.923	0.0	89.4	−2.6	76.3	76.4	92	1.0	0.85	0.0	86.8	1.3	73.0	73.0	89	1.0	0.983	0.0	1.0	0.899	0.0	88.6	−1.2	74.1	74.1	91	1.0	0.983	0.0			
93	90	92	1.0	0.948	0.0	90.3	−4.0	78.5	78.6	93	1.0	0.875	0.0	87.7	0.0	71.9	71.9	90	1.0	1.0	0.0 J_s	1.0	0.923	0.0	89.4	−2.6	76.3	76.4	92	1.0	1.0	0.0 J_e			
94	91	93	1.0	0.972	0.0	91.1	−5.5	80.7	80.9	94	1.0	0.899	0.0	88.6	−1.2	74.1	74.1	91	0.983	1.0	0.0	1.0	0.948	0.0	90.3	−4.0	78.5	78.6	93	0.983	1.0	0.0			
95	92	95	1.0	0.997	0.0	92.0	−7.1	82.8	83.1	95 J_d	1.0	0.923	0.0	89.4	−2.6	76.3	76.4	92	0.967	1.0	0.0	1.0	0.997	0.0	92.0	−7.1	82.8	83.1	95	0.967	1.0	0.0			
96	93	96	0.939	1.0	0.0	93.1	−9.1	87.1	87.5	96	1.0	0.948	0.0	90.3	−4.0	78.5	78.6	93	0.95	1.0	0.0	0.939	1.0	0.0	93.1	−9.1	87.1	87.5	96	0.95	1.0	0.0			
97	94	97	0.872	1.0	0.0	93.9	−11.1	91.0	91.6	97	1.0	0.972	0.0	91.1	−5.5	80.7	80.9	94	0.933	1.0	0.0	0.872	1.0	0.0	93.9	−11.1	91.0	91.6	97	0.933	1.0	0.0			
98	95	98	0.844	1.0	0.0	92.8	−12.5	89.5	90.3	98	1.0	0.997	0.0	92.0	−7.1	82.8	83.1	95	0.917	1.0	0.0	0.844	1.0	0.0	92.8	−12.5	89.5	90.3	98	0.917	1.0	0.0			
99	96	99	0.815	1.0	0.0	91.6	−13.8	88.0	89.1	99	0.939	1.0	0.0	93.1	−9.1	87.1	87.5	96	0.9	1.0	0.0	0.815	1.0	0.0	91.6	−13.8	88.0	89.1	99	0.9	1.0	0.0			
100	97	100	0.787	1.0	0.0	90.4	−15.1	86.4	87.8	100	0.872	1.0	0.0	93.9	−11.1	91.0	91.6	97	0.883	1.0	0.0	0.787	1.0	0.0	90.4	−15.1	86.4	87.8	100	0.883	1.0	0.0			
101	98	102	0.758	1.0	0.0	89.2	−16.4	84.9	86.5	101	0.844	1.0	0.0	92.8	−12.5	89.5	90.3	98	0.867	1.0	0.0	0.74	1.0	0.0	88.2	−17.6	83.3	85.1	102	0.867	1.0	0.0			
102	99	103	0.74	1.0	0.0	88.2	−17.6	83.3	85.1	102	0.815	1.0	0.0	91.6	−13.8	88.0	89.1	99	0.85	1.0	0.0	0.726	1.0	0.0	87.2	−18.7	81.6	83.8	103	0.85	1.0	0.0			
103	100	104	0.726	1.0	0.0	87.2	−18.7	81.6	83.8	103	0.787	1.0	0.0	90.4	−15.1	86.4	87.8	100	0.833	1.0	0.0	0.711	1.0	0.0	86.2	−19.8	80.0	82.5	104	0.833	1.0	0.0			
104	101	105	0.711	1.0	0.0	86.2	−19.8	80.0	82.5	104	0.758	1.0	0.0	89.2	−16.4	84.9	86.5	101	0.817	1.0	0.0	0.697	1.0	0.0	85.2	−20.9	78.4	81.1	105	0.817	1.0	0.0			
105	102	106	0.697	1.0	0.0	85.2	−20.9	78.4	81.1	105	0.74	1.0	0.0	88.2	−17.6	83.3	85.1	102	0.8	1.0	0.0	0.683	1.0	0.0	84.3	−21.9	76.7	79.8	106	0.8	1.0	0.0			
106	103	107	0.683	1.0	0.0	84.3	−21.9	76.7	79.8	106	0.726	1.0	0.0	87.2	−18.7	81.6	83.8	103	0.783	1.0	0.0	0.668	1.0	0.0	83.3	−22.8	75.0	78.5	107	0.783	1.0	0.0			
107	104	109	0.668	1.0	0.0	83.3	−22.8	75.0	78.5	107	0.711	1.0	0.0	86.2	−19.8	80.0	82.5	104	0.767	1.0	0.0	0.64	1.0	0.0	81.3	−24.6	71.7	75.8	109	0.767	1.0	0.0			
108	105	110	0.654	1.0	0.0	82.3	−23.7	73.3	77.1	108	0.697	1.0	0.0	85.2	−20.9	78.4	81.1	105	0.75	1.0	0.0	0.625	1.0	0.0	80.4	−25.4	70.0	74.4	110	0.75	1.0	0.0			
109	106	111	0.64	1.0	0.0	81.3	−24.6	71.7	75.8	109	0.683	1.0	0.0	84.3	−21.9	76.7	79.8	106	0.733	1.0	0.0	0.611	1.0	0.0	79.6	−26.3	68.9	73.8	111	0.733	1.0	0.0			
110	107	112	0.625	1.0	0.0	80.4	−25.4	70.0	74.4	110	0.668	1.0	0.0	83.3	−22.8	75.0	78.5	107	0.717	1.0	0.0	0.597	1.0	0.0	78.9	−27.3	67.8	73.1	112	0.717	1.0	0.0			
111	108	113	0.611	1.0	0.0	79.6	−26.3	68.9	73.8	111	0.654	1.0	0.0	82.3	−23.7	73.3	77.1	108	0.7	1.0	0.0	0.583	1.0	0.0	78.1	−28.2	66.6	72.4	113	0.7	1.0	0.0			
112	109	114	0.597	1.0	0.0	78.9	−27.3	67.8	73.1	112	0.64	1.0	0.0	81.3	−24.6	71.7	75.8	109	0.683	1.0	0.0	0.569	1.0	0.0	77.3	−29.1	65.5	71.7	114	0.683	1.0	0.0			
113	110	116	0.583	1.0	0.0	78.1	−28.2	66.6	72.4	113	0.625	1.0	0.0	80.4	−25.4	70.0	74.4	110	0.667	1.0	0.0	0.541	1.0	0.0	75.8	−30.7	63.2	70.4	116	0.667	1.0	0.0			
114	111	117	0.569	1.0	0.0	77.3	−29.1	65.5	71.7	114	0.611	1.0	0.0	79.6	−26.3	68.9	73.8	111	0.65	1.0	0.0	0.527	1.0	0.0	75.1	−31.5	62.1	69.7	117	0.65	1.0	0.0			
115	112	118	0.555	1.0	0.0	76.6	−29.9	64.4	71.0	115	0.597	1.0	0.0	78.9	−27.3	67.8	73.1	112	0.633	1.0	0.0	0.513	1.0	0.0	74.3	−32.3	60.9	69.0	118	0.633	1.0	0.0			
116	113	119	0.541	1.0	0.0	75.8	−30.7	63.2	70.4	116	0.583	1.0	0.0	78.1	−28.2	66.6	72.4	113	0.617	1.0	0.0	0.498	1.0	0.0	73.6	−33.0	59.8	68.3	119	0.617	1.0	0.0			
117	114	120	0.527	1.0	0.0	75.1	−31.5	62.1	69.7	117	0.569	1.0	0.0	77.3	−29.1	65.5	71.7	114	0.6	1.0	0.0	0.482	1.0	0.0	72.9	−33.9	58.9	68.0	120	0.6	1.0	0.0			
118	115	121	0.513	1.0	0.0	74.3	−32.3	60.9	69.0	118	0.555	1.0	0.0	76.6	−29.9	64.4	71.0	115	0.583	1.0	0.0	0.465	1.0	0.0	72.3	−34.7	58.0	67.6	121	0.583	1.0	0.0			
119	116	123	0.498	1.0	0.0	73.6	−33.0	59.8	68.3	119	0.541	1.0	0.0	75.8	−30.7	63.2	70.4	116	0.567	1.0	0.0	0.432	1.0	0.0	71.0	−36.4	56.1	66.9	123	0.567	1.0	0.0			
120	117	124	0.482	1.0	0.0	72.9	−33.9	58.9	68.0	120	0.527	1.0	0.0	75.1	−31.5	62.1	69.7	117	0.55	1.0	0.0	0.416	1.0	0.0	70.3	−37.1	55.2	66.6	124	0.55	1.0	0.0			
121	118	125	0.465	1.0	0.0	72.3	−34.7	58.0	67.6	121	0.513	1.0	0.0	74.3	−32.3	60.9	69.0	118	0.533	1.0	0.0	0.399	1.0	0.0	69.7	−37.9	54.3	66.3	125	0.533	1.0	0.0			
122	119	126	0.449	1.0	0.0	71.6	−35.6	57.1	67.3	122	0.498	1.0	0.0	73.6	−33.0	59.8	68.3	119	0.517	1.0	0.0	0.382	1.0	0.0	69.0	−38.6	53.3	65.9	126	0.517	1.0	0.0			
123	120	127	0.432	1.0	0.0	71.0	−36.4	56.1	66.9	123	0.482	1.0	0.0	72.9	−33.9	58.9	68.0	120	0.5	1.0	0.0	0.368	1.0	0.0	68.4	−39.5	52.5	65.8	127	0.5	1.0	0.0			

Data of Maximum color M in colorimetric system laser printer HRS27_96; separation cmy0*, 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:* $h_{ab,d}$ = 33.9, 95.1, 151.0, 224.5, 294.5, 353.9; 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
123	120	127	0.432	1.0	0.0	71.0	−36.4	56.1	66.9	123	0.482	1.0	0.0	72.9	−33.9	58.9	68.0	120	0.5	1.0	0.0	0.368	1.0	0.0	68.4	−39.5	52.5	65.8	127	0.5	1.0	0.0			
124	121	128	0.416	1.0	0.0	70.3	−37.1	55.2	66.6	124	0.465	1.0	0.0	72.3	−34.7	58.0	67.6	121	0.483	1.0	0.0	0.355	1.0	0.0	67.9	−40.4	51.9	65.8	128	0.483	1.0	0.0			
125	122	130	0.399	1.0	0.0	69.7	−37.9	54.3	66.3	125	0.449	1.0	0.0	71.6	−35.6	57.1	67.3	122	0.467	1.0	0.0	0.329	1.0	0.0	66.8	−42.3	50.5	65.9	130	0.467	1.0	0.0			
126	123	131	0.382	1.0	0.0	69.0	−38.6	53.3	65.9	126	0.432	1.0	0.0	71.0	−36.4	56.1	66.9	123	0.45	1.0	0.0	0.316	1.0	0.0	66.2	−43.2	49.8	66.0	131	0.45	1.0	0.0			
127	124	132	0.368	1.0	0.0	68.4	−39.5	52.5	65.8	127	0.416	1.0	0.0	70.3	−37.1	55.2	66.6	124	0.433	1.0	0.0	0.303	1.0	0.0	65.7	−44.1	49.1	66.1	132	0.433	1.0	0.0			
128	125	133	0.355	1.0	0.0	67.9	−40.4	51.9	65.8	128	0.399	1.0	0.0	69.7	−37.9	54.3	66.3	125	0.417	1.0	0.0	0.29	1.0	0.0	65.1	−45.0	48.3	66.1	133	0.417	1.0	0.0			
129	126	134	0.342	1.0	0.0	67.3	−41.4	51.2	65.9	129	0.382	1.0	0.0	69.0	−38.6	53.3	65.9	126	0.4	1.0	0.0	0.277	1.0	0.0	64.6	−45.9	47.6	66.2	134	0.4	1.0	0.0			
130	127	135	0.329	1.0	0.0	66.8	−42.3	50.5	65.9	130	0.368	1.0	0.0	68.4	−39.5	52.5	65.8	127	0.383	1.0	0.0	0.264	1.0	0.0	64.0	−46.7	46.8	66.2	135	0.383	1.0	0.0			
131	128	137	0.316	1.0	0.0	66.2	−43.2	49.8	66.0	131	0.355	1.0	0.0	67.9	−40.4	51.9	65.8	128	0.367	1.0	0.0	0.237	1.0	0.0	63.0	−48.3	45.2	66.2	137	0.367	1.0	0.0			
132	129	138	0.303	1.0	0.0	65.7	−44.1	49.1	66.1	132	0.342	1.0	0.0	67.3	−41.4	51.2	65.9	129	0.35	1.0	0.0	0.222	1.0	0.0	62.6	−49.1	44.3	66.2	138	0.35	1.0	0.0			
133	130	139	0.29	1.0	0.0	65.1	−45.0	48.3	66.1	133	0.329	1.0	0.0	66.8	−42.3	50.5	65.9	130	0.333	1.0	0.0	0.208	1.0	0.0	62.1	−49.8	43.4	66.2	139	0.333	1.0	0.0			
134	131	140	0.277	1.0	0.0	64.6	−45.9	47.6	66.2	134	0.316	1.0	0.0	66.2	−43.2	49.8	66.0	131	0.317	1.0	0.0	0.193	1.0	0.0	61.7	−50.6	42.5	66.1	140	0.317	1.0	0.0			
135	132	141	0.264	1.0	0.0	64.0	−46.7	46.8	66.2	135	0.303	1.0	0.0	65.7	−44.1	49.1	66.1	132	0.3	1.0	0.0	0.179	1.0	0.0	61.2	−51.3	41.6	66.1	141	0.3	1.0	0.0			
136	133	142	0.251	1.0	0.0	63.5	−47.6	46.0	66.3	136	0.29	1.0	0.0	65.1	−45.0	48.3	66.1	133	0.283	1.0	0.0	0.164	1.0	0.0	60.8	−52.0	40.7	66.1	142	0.283	1.0	0.0			
137	134	144	0.237	1.0	0.0	63.0	−48.3	45.2	66.2	137	0.277	1.0	0.0	64.6	−45.9	47.6	66.2	134	0.267	1.0	0.0	0.135	1.0	0.0	59.9	−53.3	38.8	66.0	144	0.267	1.0	0.0			
138	135	145	0.222	1.0	0.0	62.6	−49.1	44.3	66.2	138	0.264	1.0	0.0	64.0	−46.7	46.8	66.2	135	0.25	1.0	0.0	0.118	1.0	0.0	59.4	−54.0	37.9	66.1	145	0.25	1.0	0.0			
139	136	146	0.208	1.0	0.0	62.1	−49.8	43.4	66.2	139	0.251	1.0	0.0	63.5	−47.6	46.0	66.3	136	0.233	1.0	0.0	0.099	1.0	0.0	58.9	−55.0	37.1	66.4	146	0.233	1.0	0.0			
140	137	147	0.193	1.0	0.0	61.7	−50.6	42.5	66.1	140	0.237	1.0	0.0	63.0	−48.3	45.2	66.2	137	0.217	1.0	0.0	0.079	1.0	0.0	58.3	−55.9	36.4	66.7	147	0.217	1.0	0.0			
141	138	148	0.179	1.0	0.0	61.2	−51.3	41.6	66.1	141	0.222	1.0	0.0	62.6	−49.1	44.3	66.2	138	0.2	1.0	0.0	0.059	1.0	0.0	57.8	−56.8	35.5	67.1	148	0.2	1.0	0.0			
142	139	149	0.164	1.0	0.0	60.8	−52.0	40.7	66.1	142	0.208	1.0	0.0	62.1	−49.8	43.4	66.2	139	0.183	1.0	0.0	0.039	1.0	0.0	57.2	−57.7	34.7	67.4	149	0.183	1.0	0.0			
143	140	151	0.149	1.0	0.0	60.3	−52.6	39.7	66.0	143	0.193	1.0	0.0	61.7	−50.6	42.5	66.1	140	0.167	1.0	0.0	0.0	1.0	0.001	56.1	−59.4	33.0	68.0	151	0.167	1.0	0.0			
144	141	152	0.135	1.0	0.0	59.9	−53.3	38.8	66.0	144	0.179	1.0	0.0	61.2	−51.3	41.6	66.1	141	0.15	1.0	0.0	0.0	1.0	0.019	56.1	−59.3	31.6	67.3	152	0.15	1.0	0.0			
145	142	153	0.118	1.0	0.0	59.4	−54.0	37.9	66.1	145	0.164	1.0	0.0	60.8	−52.0	40.7	66.1	142	0.133	1.0	0.0	0.0	1.0	0.037	56.1	−59.2	30.2	66.6	153	0.133	1.0	0.0			
146	143	154	0.099	1.0	0.0	58.9	−55.0	37.1	66.4	146	0.149	1.0	0.0	60.3	−52.6	39.7	66.0	143	0.117	1.0	0.0	0.0	1.0	0.055	56.1	−59.1	28.9	65.9	154	0.117	1.0	0.0			
147	144	155	0.079	1.0	0.0	58.3	−55.9	36.4	66.7	147	0.135	1.0	0.0	59.9	−53.3	38.8	66.0	144	0.1	1.0	0.0	0.0	1.0	0.073	56.1	−59.0	27.5	65.2	155	0.1	1.0	0.0			
148	145	156	0.059	1.0	0.0	57.8	−56.8	35.5	67.1	148	0.118	1.0	0.0	59.4	−54.0	37.9	66.1	145	0.083	1.0	0.0	0.0	1.0	0.091	56.1	−58.8	26.2	64.5	156	0.083	1.0	0.0			
149	146	158	0.039	1.0	0.0	57.2	−57.7	34.7	67.4	149	0.099	1.0	0.0	58.9	−55.0	37.1	66.4	146	0.067	1.0	0.0	0.0	1.0	0.127	56.0	−58.4	23.6	63.1	158	0.067	1.0	0.0			
150	147	159	0.019	1.0	0.0	56.7	−58.6	33.9	67.7	150	$\boldsymbol{G}_{\mathbf{d}}$	0.079	1.0	0.0	58.3	−55.9	36.4	66.7	147	0.05	1.0	0.0	0.0	1.0	0.141	56.0	−58.1	22.3	62.4	159	0.05	1.0	0.0			
151	148	160	0.0	1.0	0.001	56.1	−59.4	33.0	68.0	151		0.059	1.0	0.0	57.8	−56.8	35.5	67.1	148	0.033	1.0	0.0	0.0	1.0	0.155	56.1	−57.9	21.1	61.7	160	0.033	1.0	0.0			
152	149	161	0.0	1.0	0.019	56.1	−59.3	31.6	67.3	152		0.039	1.0	0.0	57.2	−57.7	34.7	67.4	149	0.017	1.0	0.0	0.0	1.0	0.169	56.1	−57.6	19.9	61.0	161	0.017	1.0	0.0			
153	150	162	0.0	1.0	0.037	56.1	−59.2	30.2	66.6	153		0.019	1.0	0.0	56.7	−58.6	33.9	67.7	150	0.0	1.0	0.0 $\boldsymbol{G}_{\mathbf{s}}$	0.0	1.0	0.183	56.1	−57.2	18.6	60.3	162	0.0	1.0	0.0 $\boldsymbol{G}_{\mathbf{e}}$			
154	151	163	0.0	1.0	0.055	56.1	−59.1	28.9	65.9	154		0.0	1.0	0.001	56.1	−59.4	33.0	68.0	151	0.0	1.0	0.017	0.0	1.0	0.197	56.2	−56.9	17.4	59.6	163	0.0	1.0	0.017			
155	152	164	0.0	1.0	0.073	56.1	−59.0	27.5	65.2	155		0.0	1.0	0.019	56.1	−59.3	31.6	67.3	152	0.0	1.0	0.033	0.0	1.0	0.212	56.2	−56.5	16.2	58.9	164	0.0	1.0	0.033			
156	153	165	0.0	1.0	0.091	56.1	−58.8	26.2	64.5	156		0.0	1.0	0.037	56.1	−59.2	30.2	66.6	153	0.0	1.0	0.05	0.0	1.0	0.226	56.2	−56.1	15.1	58.2	165	0.0	1.0	0.05			
157	154	166	0.0	1.0	0.109	56.0	−58.6	24.9	63.8	157		0.0	1.0	0.055	56.1	−59.1	28.9	65.9	154	0.0	1.0	0.067	0.0	1.0	0.24	56.2	−55.7	13.9	57.5	166	0.0	1.0	0.067			
158	155	167	0.0	1.0	0.127	56.0	−58.4	23.6	63.1	158		0.0	1.0	0.073	56.1	−59.0	27.5	65.2	155	0.0	1.0	0.083	0.0	1.0	0.254	56.3	−55.4	12.8	56.9	167	0.0	1.0	0.083			
159	156	168	0.0	1.0	0.141	56.0	−58.1	22.3	62.4	159		0.0	1.0	0.091	56.1	−58.8	26.2	64.5	156	0.0	1.0	0.1	0.0	1.0	0.267	56.3	−55.2	11.8	56.5	168	0.0	1.0	0.1			
160	157	169	0.0	1.0	0.155	56.1	−57.9	21.1	61.7	160		0.0	1.0	0.109	56.0	−58.6	24.9	63.8	157	0.0	1.0	0.117	0.0	1.0	0.281	56.2	−55.0	10.7	56.1	169	0.0	1.0	0.117			
161	158	170	0.0	1.0	0.169	56.1	−57.6	19.9	61.0	161		0.0	1.0	0.127	56.0	−58.4	23.6	63.1	158	0.0	1.0	0.133	0.0	1.0	0.294	56.2	−54.8	9.7	55.7	170	0.0	1.0	0.133			
162	159	170	0.0	1.0	0.183	56.1	−57.2	18.6	60.3	162		0.0	1.0	0.141	56.0	−58.1	22.3	62.4	159	0.0	1.0	0.15	0.0	1.0	0.294	56.2	−54.8	9.7	55.7	170	0.0	1.0	0.15			
163	160	171	0.0	1.0	0.197	56.2	−56.9	17.4	59.6	163		0.0	1.0	0.155	56.1	−57.9	21.1	61.7	160	0.0	1.0	0.167	0.0	1.0	0.308	56.2	−54.6	8.7	55.3	171	0.0	1.0	0.167			
164	161	172	0.0	1.0	0.212	56.2	−56.5	16.2	58.9	164		0.0	1.0	0.169	56.1	−57.6	19.9	61.0	161	0.0	1.0	0.183	0.0	1.0	0.321	56.2	−54.3	7.6	55.0	172	0.0	1.0	0.183			
165	162	173	0.0	1.0	0.226	56.2	−56.1	15.1	58.2	165		0.0	1.0	0.183	56.1	−57.2	18.6	60.3	162	0.0	1.0	0.2	0.0	1.0	0.335	56.2	−54.0	6.6	54.6	173	0.0	1.0	0.2			
166	163	174	0.0	1.0	0.24	56.2	−55.7	13.9	57.5	166		0.0	1.0	0.197	56.2	−56.9	17.4	59.6	163	0.0	1.0	0.217	0.0	1.0	0.348	56.2	−53.8	5.7	54.2	174	0.0	1.0	0.217			
167	164	175	0.0	1.0	0.254	56.3	−55.4	12.8	56.9	167		0.0	1.0	0.212	56.2	−56.5	16.2	58.9	164	0.0	1.0	0.233	0.0	1.0	0.362	56.2	−53.5	4.7	53.8	175	0.0	1.0	0.233			
168	165	176	0.0	1.0	0.267	56.3	−55.2	11.8	56.5	168		0.0	1.0	0.226	56.2	−56.1	15.1	58.2	165	0.0	1.0	0.25	0.0	1.0	0.375	56.1	−53.1	3.7	53.4	176	0.0	1.0	0.25			

Data of Maximum color M in colorimetric system laser printer HRS27_96; separation cmy0*, 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:* $h_{ab,d}$ = 33.9, 95.1, 151.0, 224.5, 294.5, 353.9; 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**			*LAB**					*rgb**			*LAB**					*rgb**			*rgb**			*LAB**					*rgb**			*rgb*dd*	*rgb*ds*	*rgb*de*
			dd361Mi			dd361Mix (x=LabCh)					ds361Mi			ds361Mix (x=LabCh)					s50M			de361Mi			de361Mix (x=LabCh)					e50M					
168	165	176	0.0	1.0	0.267	56.3	−55.2	11.8	56.5	168	0.0	1.0	0.226	56.2	−56.1	15.1	58.2	165	0.0	1.0	0.25	0.0	1.0	0.375	56.1	−53.1	3.7	53.4	176	0.0	1.0	0.25			
169	166	177	0.0	1.0	0.281	56.2	−55.0	10.7	56.1	169	0.0	1.0	0.24	56.2	−55.7	13.9	57.5	166	0.0	1.0	0.267	0.0	1.0	0.388	56.2	−52.9	2.8	53.0	177	0.0	1.0	0.267			
170	167	178	0.0	1.0	0.294	56.2	−54.8	9.7	55.7	170	0.0	1.0	0.254	56.3	−55.4	12.8	56.9	167	0.0	1.0	0.283	0.0	1.0	0.402	56.2	−52.6	1.8	52.7	178	0.0	1.0	0.283			
171	168	179	0.0	1.0	0.308	56.2	−54.6	8.7	55.3	171	0.0	1.0	0.267	56.3	−55.2	11.8	56.5	168	0.0	1.0	0.3	0.0	1.0	0.415	56.2	−52.3	0.9	52.4	179	0.0	1.0	0.3			
172	169	180	0.0	1.0	0.321	56.2	−54.3	7.6	55.0	172	0.0	1.0	0.281	56.2	−55.0	10.7	56.1	169	0.0	1.0	0.317	0.0	1.0	0.429	56.2	−51.9	0.0	52.0	180	0.0	1.0	0.317			
173	170	180	0.0	1.0	0.335	56.2	−54.0	6.6	54.6	173	0.0	1.0	0.294	56.2	−54.8	9.7	55.7	170	0.0	1.0	0.333	0.0	1.0	0.429	56.2	−51.9	0.0	52.0	180	0.0	1.0	0.333			
174	171	181	0.0	1.0	0.348	56.2	−53.8	5.7	54.2	174	0.0	1.0	0.308	56.2	−54.6	8.7	55.3	171	0.0	1.0	0.35	0.0	1.0	0.442	56.2	−51.6	−0.8	51.7	181	0.0	1.0	0.35			
175	172	182	0.0	1.0	0.362	56.2	−53.5	4.7	53.8	175	0.0	1.0	0.321	56.2	−54.3	7.6	55.0	172	0.0	1.0	0.367	0.0	1.0	0.455	56.2	−51.2	−1.7	51.4	182	0.0	1.0	0.367			
176	173	183	0.0	1.0	0.375	56.1	−53.1	3.7	53.4	176	0.0	1.0	0.335	56.2	−54.0	6.6	54.6	173	0.0	1.0	0.383	0.0	1.0	0.469	56.2	−50.9	−2.6	51.0	183	0.0	1.0	0.383			
177	174	184	0.0	1.0	0.388	56.2	−52.9	2.8	53.0	177	0.0	1.0	0.348	56.2	−53.8	5.7	54.2	174	0.0	1.0	0.4	0.0	1.0	0.482	56.3	−50.5	−3.4	50.7	184	0.0	1.0	0.4			
178	175	185	0.0	1.0	0.402	56.2	−52.6	1.8	52.7	178	0.0	1.0	0.362	56.2	−53.5	4.7	53.8	175	0.0	1.0	0.417	0.0	1.0	0.495	56.3	−50.1	−4.3	50.4	185	0.0	1.0	0.417			
179	176	186	0.0	1.0	0.415	56.2	−52.3	0.9	52.4	179	0.0	1.0	0.375	56.1	−53.1	3.7	53.4	176	0.0	1.0	0.433	0.0	1.0	0.508	56.3	−49.8	−5.1	50.1	186	0.0	1.0	0.433			
180	177	187	0.0	1.0	0.429	56.2	−51.9	0.0	52.0	180	0.0	1.0	0.388	56.2	−52.9	2.8	53.0	177	0.0	1.0	0.45	0.0	1.0	0.52	56.3	−49.5	−6.0	50.0	187	0.0	1.0	0.45			
181	178	188	0.0	1.0	0.442	56.2	−51.6	−0.8	51.7	181	0.0	1.0	0.402	56.2	−52.6	1.8	52.7	178	0.0	1.0	0.467	0.0	1.0	0.531	56.4	−49.3	−6.8	49.9	188	0.0	1.0	0.467			
182	179	189	0.0	1.0	0.455	56.2	−51.2	−1.7	51.4	182	0.0	1.0	0.415	56.2	−52.3	0.9	52.4	179	0.0	1.0	0.483	0.0	1.0	0.543	56.4	−49.0	−7.7	49.7	189	0.0	1.0	0.483			
183	180	190	0.0	1.0	0.469	56.2	−50.9	−2.6	51.0	183	0.0	1.0	0.429	56.2	−51.9	0.0	52.0	180	0.0	1.0	0.5	0.0	1.0	0.555	56.4	−48.7	−8.5	49.6	190	0.0	1.0	0.5			
184	181	191	0.0	1.0	0.482	56.3	−50.5	−3.4	50.7	184	0.0	1.0	0.442	56.2	−51.6	−0.8	51.7	181	0.0	1.0	0.517	0.0	1.0	0.567	56.5	−48.4	−9.3	49.4	191	0.0	1.0	0.517			
185	182	191	0.0	1.0	0.495	56.3	−50.1	−4.3	50.4	185	0.0	1.0	0.455	56.2	−51.2	−1.7	51.4	182	0.0	1.0	0.533	0.0	1.0	0.567	56.5	−48.4	−9.3	49.4	191	0.0	1.0	0.533			
186	183	192	0.0	1.0	0.508	56.3	−49.8	−5.1	50.1	186	0.0	1.0	0.469	56.2	−50.9	−2.6	51.0	183	0.0	1.0	0.55	0.0	1.0	0.579	56.5	−48.1	−10.1	49.3	192	0.0	1.0	0.55			
187	184	193	0.0	1.0	0.52	56.3	−49.5	−6.0	50.0	187	0.0	1.0	0.482	56.3	−50.5	−3.4	50.7	184	0.0	1.0	0.567	0.0	1.0	0.59	56.5	−47.8	−10.9	49.1	193	0.0	1.0	0.567			
188	185	194	0.0	1.0	0.531	56.4	−49.3	−6.8	49.9	188	0.0	1.0	0.495	56.3	−50.1	−4.3	50.4	185	0.0	1.0	0.583	0.0	1.0	0.602	56.6	−47.4	−11.7	49.0	194	0.0	1.0	0.583			
189	186	195	0.0	1.0	0.543	56.4	−49.0	−7.7	49.7	189	0.0	1.0	0.508	56.3	−49.8	−5.1	50.1	186	0.0	1.0	0.6	0.0	1.0	0.614	56.6	−47.1	−12.5	48.8	195	0.0	1.0	0.6			
190	187	196	0.0	1.0	0.555	56.4	−48.7	−8.5	49.6	190	0.0	1.0	0.52	56.3	−49.5	−6.0	50.0	187	0.0	1.0	0.617	0.0	1.0	0.626	56.6	−46.7	−13.3	48.7	196	0.0	1.0	0.617			
191	188	197	0.0	1.0	0.567	56.5	−48.4	−9.3	49.4	191	0.0	1.0	0.531	56.4	−49.3	−6.8	49.9	188	0.0	1.0	0.633	0.0	1.0	0.641	56.5	−46.5	−14.1	48.7	197	0.0	1.0	0.633			
192	189	198	0.0	1.0	0.579	56.5	−48.1	−10.1	49.3	192	0.0	1.0	0.543	56.4	−49.0	−7.7	49.7	189	0.0	1.0	0.65	0.0	1.0	0.657	56.4	−46.3	−15.0	48.8	198	0.0	1.0	0.65			
193	190	199	0.0	1.0	0.59	56.5	−47.8	−10.9	49.1	193	0.0	1.0	0.555	56.4	−48.7	−8.5	49.6	190	0.0	1.0	0.667	0.0	1.0	0.672	56.4	−46.0	−15.8	48.8	199	0.0	1.0	0.667			
194	191	200	0.0	1.0	0.602	56.6	−47.4	−11.7	49.0	194	0.0	1.0	0.567	56.5	−48.4	−9.3	49.4	191	0.0	1.0	0.683	0.0	1.0	0.687	56.3	−45.8	−16.6	48.8	200	0.0	1.0	0.683			
195	192	201	0.0	1.0	0.614	56.6	−47.1	−12.5	48.8	195	0.0	1.0	0.579	56.5	−48.1	−10.1	49.3	192	0.0	1.0	0.7	0.0	1.0	0.703	56.2	−45.5	−17.4	48.9	201	0.0	1.0	0.7			
196	193	201	0.0	1.0	0.626	56.6	−46.7	−13.3	48.7	196	0.0	1.0	0.59	56.5	−47.8	−10.9	49.1	193	0.0	1.0	0.717	0.0	1.0	0.703	56.2	−45.5	−17.4	48.9	201	0.0	1.0	0.717			
197	194	202	0.0	1.0	0.641	56.5	−46.5	−14.1	48.7	197	0.0	1.0	0.602	56.6	−47.4	−11.7	49.0	194	0.0	1.0	0.733	0.0	1.0	0.718	56.1	−45.2	−18.2	48.9	202	0.0	1.0	0.733			
198	195	203	0.0	1.0	0.657	56.4	−46.3	−15.0	48.8	198	0.0	1.0	0.614	56.6	−47.1	−12.5	48.8	195	0.0	1.0	0.75	0.0	1.0	0.733	56.0	−44.9	−19.0	48.9	203	0.0	1.0	0.75			
199	196	204	0.0	1.0	0.672	56.4	−46.0	−15.8	48.8	199	0.0	1.0	0.626	56.6	−46.7	−13.3	48.7	196	0.0	1.0	0.767	0.0	1.0	0.749	55.9	−44.6	−19.8	49.0	204	0.0	1.0	0.767			
200	197	205	0.0	1.0	0.687	56.3	−45.8	−16.6	48.8	200	0.0	1.0	0.641	56.5	−46.5	−14.1	48.7	197	0.0	1.0	0.783	0.0	1.0	0.764	55.8	−44.6	−20.7	49.3	205	0.0	1.0	0.783			
201	198	206	0.0	1.0	0.703	56.2	−45.5	−17.4	48.9	201	0.0	1.0	0.657	56.4	−46.3	−15.0	48.8	198	0.0	1.0	0.8	0.0	1.0	0.778	55.6	−44.5	−21.7	49.6	206	0.0	1.0	0.8			
202	199	207	0.0	1.0	0.718	56.1	−45.2	−18.2	48.9	202	0.0	1.0	0.672	56.4	−46.0	−15.8	48.8	199	0.0	1.0	0.817	0.0	1.0	0.793	55.3	−44.5	−22.6	50.0	207	0.0	1.0	0.817			
203	200	208	0.0	1.0	0.733	56.0	−44.9	−19.0	48.9	203	0.0	1.0	0.687	56.3	−45.8	−16.6	48.8	200	0.0	1.0	0.833	0.0	1.0	0.807	55.1	−44.4	−23.5	50.4	208	0.0	1.0	0.833			
204	201	209	0.0	1.0	0.749	55.9	−44.6	−19.8	49.0	204	0.0	1.0	0.703	56.2	−45.5	−17.4	48.9	201	0.0	1.0	0.85	0.0	1.0	0.822	54.9	−44.2	−24.5	50.7	209	0.0	1.0	0.85			
205	202	210	0.0	1.0	0.764	55.8	−44.6	−20.7	49.3	205	0.0	1.0	0.718	56.1	−45.2	−18.2	48.9	202	0.0	1.0	0.867	0.0	1.0	0.837	54.7	−44.1	−25.4	51.1	210	0.0	1.0	0.867			
206	203	211	0.0	1.0	0.778	55.6	−44.5	−21.7	49.6	206	0.0	1.0	0.733	56.0	−44.9	−19.0	48.9	203	0.0	1.0	0.883	0.0	1.0	0.851	54.5	−44.0	−26.4	51.4	211	0.0	1.0	0.883			
207	204	212	0.0	1.0	0.793	55.3	−44.5	−22.6	50.0	207	0.0	1.0	0.749	55.9	−44.6	−19.8	49.0	204	0.0	1.0	0.9	0.0	1.0	0.866	54.3	−43.8	−27.3	51.8	212	0.0	1.0	0.9			
208	205	212	0.0	1.0	0.807	55.1	−44.4	−23.5	50.4	208	0.0	1.0	0.764	55.8	−44.6	−20.7	49.3	205	0.0	1.0	0.917	0.0	1.0	0.866	54.3	−43.8	−27.3	51.8	212	0.0	1.0	0.917			
209	206	213	0.0	1.0	0.822	54.9	−44.2	−24.5	50.7	209	0.0	1.0	0.778	55.6	−44.5	−21.7	49.6	206	0.0	1.0	0.933	0.0	1.0	0.879	54.1	−43.6	−28.3	52.1	213	0.0	1.0	0.933			
210	207	214	0.0	1.0	0.837	54.7	−44.1	−25.4	51.1	210	0.0	1.0	0.793	55.3	−44.5	−22.6	50.0	207	0.0	1.0	0.95	0.0	1.0	0.889	53.8	−43.5	−29.3	52.6	214	0.0	1.0	0.95			
211	208	215	0.0	1.0	0.851	54.5	−44.0	−26.4	51.4	211	0.0	1.0	0.807	55.1	−44.4	−23.5	50.4	208	0.0	1.0	0.967	0.0	1.0	0.9	53.5	−43.4	−30.4	53.1	215	0.0	1.0	0.967			
212	209	216	0.0	1.0	0.866	54.3	−43.8	−27.3	51.8	212	0.0	1.0	0.822	54.9	−44.2	−24.5	50.7	209	0.0	1.0	0.983	0.0	1.0	0.91	53.2	−43.2	−31.4	53.6	216	0.0	1.0	0.983			
213	210	217	0.0	1.0	0.879	54.1	−43.6	−28.3	52.1	213	0.0	1.0	0.837	54.7	−44.1	−25.4	51.1	210	0.0	1.0	1.0C_s	0.0	1.0	0.921	52.9	−43.1	−32.4	54.0	217	0.0	1.0	1.0C_e			

Data of Maximum color M in colorimetric system laser printer HRS27_96; separation cmy0*, 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:* $h_{ab,d}$ = 33.9, 95.1, 151.0, 224.5, 294.5, 353.9; 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
213	210	217	0.0	1.0	0.879	54.1	−43.6	−28.3	52.1	213	0.0	1.0	0.837	54.7	−44.1	−25.4	51.1	210	0.0	1.0	1.0C_s	0.0	1.0	0.921	52.9	−43.1	−32.4	54.0	217	0.0	1.0	1.0C_e			
214	211	218	0.0	1.0	0.889	53.8	−43.5	−29.3	52.6	214	0.0	1.0	0.851	54.5	−44.0	−26.4	51.4	211	0.0	0.983	1.0	0.0	1.0	0.931	52.6	−42.9	−33.5	54.5	218	0.0	0.983	1.0			
215	212	219	0.0	1.0	0.9	53.5	−43.4	−30.4	53.1	215	0.0	1.0	0.866	54.3	−43.8	−27.3	51.8	212	0.0	0.967	1.0	0.0	1.0	0.942	52.3	−42.6	−34.5	55.0	219	0.0	0.967	1.0			
216	213	220	0.0	1.0	0.91	53.2	−43.2	−31.4	53.6	216	0.0	1.0	0.879	54.1	−43.6	−28.3	52.1	213	0.0	0.95	1.0	0.0	1.0	0.953	52.0	−42.4	−35.5	55.4	220	0.0	0.95	1.0			
217	214	221	0.0	1.0	0.921	52.9	−43.1	−32.4	54.0	217	0.0	1.0	0.889	53.8	−43.5	−29.3	52.6	214	0.0	0.933	1.0	0.0	1.0	0.963	51.7	−42.1	−36.6	55.9	221	0.0	0.933	1.0			
218	215	222	0.0	1.0	0.931	52.6	−42.9	−33.5	54.5	218	0.0	1.0	0.9	53.5	−43.4	−30.4	53.1	215	0.0	0.917	1.0	0.0	1.0	0.974	51.4	−41.8	−37.6	56.4	222	0.0	0.917	1.0			
219	216	222	0.0	1.0	0.942	52.3	−42.6	−34.5	55.0	219	0.0	1.0	0.91	53.2	−43.2	−31.4	53.6	216	0.0	0.9	1.0	0.0	1.0	0.974	51.4	−41.8	−37.6	56.4	222	0.0	0.9	1.0			
220	217	223	0.0	1.0	0.953	52.0	−42.4	−35.5	55.4	220	0.0	1.0	0.921	52.9	−43.1	−32.4	54.0	217	0.0	0.883	1.0	0.0	1.0	0.984	51.1	−41.5	−38.7	56.9	223	0.0	0.883	1.0			
221	218	224	0.0	1.0	0.963	51.7	−42.1	−36.6	55.9	221	0.0	1.0	0.931	52.6	−42.9	−33.5	54.5	218	0.0	0.867	1.0	0.0	1.0	0.995	50.8	−41.1	−39.7	57.3	224	0.0	0.867	1.0			
222	219	225	0.0	1.0	0.974	51.4	−41.8	−37.6	56.4	222	0.0	1.0	0.942	52.3	−42.6	−34.5	55.0	219	0.0	0.85	1.0	0.0	0.978	1.0	50.5	−40.7	−40.7	57.7	225	0.0	0.85	1.0			
223	220	226	0.0	1.0	0.984	51.1	−41.5	−38.7	56.9	223	0.0	1.0	0.953	52.0	−42.4	−35.5	55.4	220	0.0	0.833	1.0	0.0	0.932	1.0	50.2	−40.2	−41.7	58.1	226	0.0	0.833	1.0			
224	221	227	0.0	1.0	0.995	50.8	−41.1	−39.7	57.3	224C_d	0.0	1.0	0.963	51.7	−42.1	−36.6	55.9	221	0.0	0.817	1.0	0.0	0.886	1.0	49.9	−39.7	−42.6	58.4	227	0.0	0.817	1.0			
225	222	228	0.0	0.978	1.0	50.5	−40.7	−40.7	57.7	225	0.0	1.0	0.974	51.4	−41.8	−37.6	56.4	222	0.0	0.8	1.0	0.0	0.854	1.0	49.7	−39.2	−43.5	58.7	228	0.0	0.8	1.0			
226	223	229	0.0	0.932	1.0	50.2	−40.2	−41.7	58.1	226	0.0	1.0	0.984	51.1	−41.5	−38.7	56.9	223	0.0	0.783	1.0	0.0	0.827	1.0	49.7	−38.6	−44.4	59.0	229	0.0	0.783	1.0			
227	224	230	0.0	0.886	1.0	49.9	−39.7	−42.6	58.4	227	0.0	1.0	0.995	50.8	−41.1	−39.7	57.3	224	0.0	0.767	1.0	0.0	0.799	1.0	49.6	−38.0	−45.3	59.3	230	0.0	0.767	1.0			
228	225	231	0.0	0.854	1.0	49.7	−39.2	−43.5	58.7	228	0.0	0.978	1.0	50.5	−40.7	−40.7	57.7	225	0.0	0.75	1.0	0.0	0.772	1.0	49.5	−37.4	−46.2	59.6	231	0.0	0.75	1.0			
229	226	232	0.0	0.827	1.0	49.7	−38.6	−44.4	59.0	229	0.0	0.932	1.0	50.2	−40.2	−41.7	58.1	226	0.0	0.733	1.0	0.0	0.746	1.0	49.4	−36.7	−47.0	59.8	232	0.0	0.733	1.0			
230	227	232	0.0	0.799	1.0	49.6	−38.0	−45.3	59.3	230	0.0	0.886	1.0	49.9	−39.7	−42.6	58.4	227	0.0	0.717	1.0	0.0	0.746	1.0	49.4	−36.7	−47.0	59.8	232	0.0	0.717	1.0			
231	228	233	0.0	0.772	1.0	49.5	−37.4	−46.2	59.6	231	0.0	0.854	1.0	49.7	−39.2	−43.5	58.7	228	0.0	0.7	1.0	0.0	0.729	1.0	49.0	−35.7	−47.5	59.5	233	0.0	0.7	1.0			
232	229	234	0.0	0.746	1.0	49.4	−36.7	−47.0	59.8	232	0.0	0.827	1.0	49.7	−38.6	−44.4	59.0	229	0.0	0.683	1.0	0.0	0.712	1.0	48.6	−34.7	−47.9	59.3	234	0.0	0.683	1.0			
233	230	235	0.0	0.729	1.0	49.0	−35.7	−47.5	59.5	233	0.0	0.799	1.0	49.6	−38.0	−45.3	59.3	230	0.0	0.667	1.0	0.0	0.695	1.0	48.2	−33.8	−48.2	59.0	235	0.0	0.667	1.0			
234	231	236	0.0	0.712	1.0	48.6	−34.7	−47.9	59.3	234	0.0	0.772	1.0	49.5	−37.4	−46.2	59.6	231	0.0	0.65	1.0	0.0	0.678	1.0	47.8	−32.8	−48.6	58.8	236	0.0	0.65	1.0			
235	232	237	0.0	0.695	1.0	48.2	−33.8	−48.2	59.0	235	0.0	0.746	1.0	49.4	−36.7	−47.0	59.8	232	0.0	0.633	1.0	0.0	0.661	1.0	47.4	−31.8	−49.0	58.5	237	0.0	0.633	1.0			
236	233	238	0.0	0.678	1.0	47.8	−32.8	−48.6	58.8	236	0.0	0.729	1.0	49.0	−35.7	−47.5	59.5	233	0.0	0.617	1.0	0.0	0.643	1.0	47.0	−30.8	−49.3	58.2	238	0.0	0.617	1.0			
237	234	239	0.0	0.661	1.0	47.4	−31.8	−49.0	58.5	237	0.0	0.712	1.0	48.6	−34.7	−47.9	59.3	234	0.0	0.6	1.0	0.0	0.626	1.0	46.7	−29.8	−49.6	58.0	239	0.0	0.6	1.0			
238	235	240	0.0	0.643	1.0	47.0	−30.8	−49.3	58.2	238	0.0	0.695	1.0	48.2	−33.8	−48.2	59.0	235	0.0	0.583	1.0	0.0	0.607	1.0	46.0	−28.6	−49.7	57.5	240	0.0	0.583	1.0			
239	236	241	0.0	0.626	1.0	46.7	−29.8	−49.6	58.0	239	0.0	0.678	1.0	47.8	−32.8	−48.6	58.8	236	0.0	0.567	1.0	0.0	0.587	1.0	45.4	−27.5	−49.7	56.9	241	0.0	0.567	1.0			
240	237	242	0.0	0.607	1.0	46.0	−28.6	−49.7	57.5	240	0.0	0.661	1.0	47.4	−31.8	−49.0	58.5	237	0.0	0.55	1.0	0.0	0.567	1.0	44.8	−26.4	−49.7	56.4	242	0.0	0.55	1.0			
241	238	243	0.0	0.587	1.0	45.4	−27.5	−49.7	56.9	241	0.0	0.643	1.0	47.0	−30.8	−49.3	58.2	238	0.0	0.533	1.0	0.0	0.548	1.0	44.1	−25.3	−49.7	55.9	243	0.0	0.533	1.0			
242	239	243	0.0	0.567	1.0	44.8	−26.4	−49.7	56.4	242	0.0	0.626	1.0	46.7	−29.8	−49.6	58.0	239	0.0	0.517	1.0	0.0	0.548	1.0	44.1	−25.3	−49.7	55.9	243	0.0	0.517	1.0			
243	240	244	0.0	0.548	1.0	44.1	−25.3	−49.7	55.9	243	0.0	0.607	1.0	46.0	−28.6	−49.7	57.5	240	0.0	0.5	1.0	0.0	0.528	1.0	43.5	−24.2	−49.6	55.3	244	0.0	0.5	1.0			
244	241	245	0.0	0.528	1.0	43.5	−24.2	−49.6	55.3	244	0.0	0.587	1.0	45.4	−27.5	−49.7	56.9	241	0.0	0.483	1.0	0.0	0.508	1.0	42.9	−23.1	−49.6	54.8	245	0.0	0.483	1.0			
245	242	246	0.0	0.508	1.0	42.9	−23.1	−49.6	54.8	245	0.0	0.567	1.0	44.8	−26.4	−49.7	56.4	242	0.0	0.467	1.0	0.0	0.491	1.0	42.3	−22.0	−49.6	54.4	246	0.0	0.467	1.0			
246	243	247	0.0	0.491	1.0	42.3	−22.0	−49.6	54.4	246	0.0	0.548	1.0	44.1	−25.3	−49.7	55.9	243	0.0	0.45	1.0	0.0	0.476	1.0	41.7	−21.0	−49.6	54.0	247	0.0	0.45	1.0			
247	244	248	0.0	0.476	1.0	41.7	−21.0	−49.6	54.0	247	0.0	0.528	1.0	43.5	−24.2	−49.6	55.3	244	0.0	0.433	1.0	0.0	0.461	1.0	41.2	−20.0	−49.6	53.6	248	0.0	0.433	1.0			
248	245	249	0.0	0.461	1.0	41.2	−20.0	−49.6	53.6	248	0.0	0.508	1.0	42.9	−23.1	−49.6	54.8	245	0.0	0.417	1.0	0.0	0.446	1.0	40.6	−19.0	−49.5	53.2	249	0.0	0.417	1.0			
249	246	250	0.0	0.446	1.0	40.6	−19.0	−49.5	53.2	249	0.0	0.491	1.0	42.3	−22.0	−49.6	54.4	246	0.0	0.4	1.0	0.0	0.431	1.0	40.1	−18.0	−49.5	52.8	250	0.0	0.4	1.0			
250	247	251	0.0	0.431	1.0	40.1	−18.0	−49.5	52.8	250	0.0	0.476	1.0	41.7	−21.0	−49.6	54.0	247	0.0	0.383	1.0	0.0	0.415	1.0	39.5	−17.0	−49.4	52.4	251	0.0	0.383	1.0			
251	248	252	0.0	0.415	1.0	39.5	−17.0	−49.4	52.4	251	0.0	0.461	1.0	41.2	−20.0	−49.6	53.6	248	0.0	0.367	1.0	0.0	0.4	1.0	38.9	−16.0	−49.4	52.0	252	0.0	0.367	1.0			
252	249	253	0.0	0.4	1.0	38.9	−16.0	−49.4	52.0	252	0.0	0.446	1.0	40.6	−19.0	−49.5	53.2	249	0.0	0.35	1.0	0.0	0.385	1.0	38.4	−15.0	−49.2	51.6	253	0.0	0.35	1.0			
253	250	253	0.0	0.385	1.0	38.4	−15.0	−49.2	51.6	253	0.0	0.431	1.0	40.1	−18.0	−49.5	52.8	250	0.0	0.333	1.0	0.0	0.385	1.0	38.4	−15.0	−49.2	51.6	253	0.0	0.333	1.0			
254	251	254	0.0	0.371	1.0	37.9	−14.0	−49.2	51.3	254	0.0	0.415	1.0	39.5	−17.0	−49.4	52.4	251	0.0	0.317	1.0	0.0	0.371	1.0	37.9	−14.0	−49.2	51.3	254	0.0	0.317	1.0			
255	252	255	0.0	0.361	1.0	37.5	−13.1	−49.2	51.1	255	0.0	0.4	1.0	38.9	−16.0	−49.4	52.0	252	0.0	0.3	1.0	0.0	0.361	1.0	37.5	−13.1	−49.2	51.1	255	0.0	0.3	1.0			
256	253	256	0.0	0.35	1.0	37.0	−12.2	−49.3	50.9	256	0.0	0.385	1.0	38.4	−15.0	−49.2	51.6	253	0.0	0.283	1.0	0.0	0.35	1.0	37.0	−12.2	−49.3	50.9	256	0.0	0.283	1.0			
257	254	257	0.0	0.339	1.0	36.6	−11.3	−49.3	50.7	257	0.0	0.371	1.0	37.9	−14.0	−49.2	51.3	254	0.0	0.267	1.0	0.0	0.339	1.0	36.6	−11.3	−49.3	50.7	257	0.0	0.267	1.0			
258	255	258	0.0	0.329	1.0	36.2	−10.4	−49.3	50.5	258	0.0	0.361	1.0	37.5	−13.1	−49.2	51.1	255	0.0	0.25	1.0	0.0	0.329	1.0	36.2	−10.4	−49.3	50.5	258	0.0	0.25	1.0			

Data of Maximum color M in colorimetric system laser printer HRS27_96; separation cmy0*, 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:* $h_{ab,d}$ = 33.9, 95.1, 151.0, 224.5, 294.5, 353.9; 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
258	255	258	0.0	0.329	1.0	36.2	−10.4	−49.3	50.5	258	0.0	0.361	1.0	37.5	−13.1	−49.2	51.1	255	0.0	0.25	1.0	0.0	0.329	1.0	36.2	−10.4	−49.3	50.5	258	0.0	0.25	1.0			
259	256	259	0.0	0.318	1.0	35.8	−9.5	−49.3	50.3	259	0.0	0.35	1.0	37.0	−12.2	−49.3	50.9	256	0.0	0.233	1.0	0.0	0.318	1.0	35.8	−9.5	−49.3	50.3	259	0.0	0.233	1.0			
260	257	260	0.0	0.307	1.0	35.4	−8.6	−49.3	50.1	260	0.0	0.339	1.0	36.6	−11.3	−49.3	50.7	257	0.0	0.217	1.0	0.0	0.307	1.0	35.4	−8.6	−49.3	50.1	260	0.0	0.217	1.0			
261	258	261	0.0	0.296	1.0	34.9	−7.7	−49.2	49.9	261	0.0	0.329	1.0	36.2	−10.4	−49.3	50.5	258	0.0	0.2	1.0	0.0	0.296	1.0	34.9	−7.7	−49.2	49.9	261	0.0	0.2	1.0			
262	259	262	0.0	0.286	1.0	34.5	−6.8	−49.1	49.7	262	0.0	0.318	1.0	35.8	−9.5	−49.3	50.3	259	0.0	0.183	1.0	0.0	0.286	1.0	34.5	−6.8	−49.1	49.7	262	0.0	0.183	1.0			
263	260	263	0.0	0.275	1.0	34.1	−5.9	−49.1	49.5	263	0.0	0.307	1.0	35.4	−8.6	−49.3	50.1	260	0.0	0.167	1.0	0.0	0.275	1.0	34.1	−5.9	−49.1	49.5	263	0.0	0.167	1.0			
264	261	264	0.0	0.264	1.0	33.7	−5.1	−49.0	49.3	264	0.0	0.296	1.0	34.9	−7.7	−49.2	49.9	261	0.0	0.15	1.0	0.0	0.264	1.0	33.7	−5.1	−49.0	49.3	264	0.0	0.15	1.0			
265	262	264	0.0	0.253	1.0	33.2	−4.2	−48.9	49.1	265	0.0	0.286	1.0	34.5	−6.8	−49.1	49.7	262	0.0	0.133	1.0	0.0	0.264	1.0	33.7	−5.1	−49.0	49.3	264	0.0	0.133	1.0			
266	263	265	0.0	0.244	1.0	33.1	−3.3	−48.7	48.9	266	0.0	0.275	1.0	34.1	−5.9	−49.1	49.5	263	0.0	0.117	1.0	0.0	0.253	1.0	33.2	−4.2	−48.9	49.1	265	0.0	0.117	1.0			
267	264	266	0.0	0.236	1.0	33.1	−2.4	−48.5	48.7	267	0.0	0.264	1.0	33.7	−5.1	−49.0	49.3	264	0.0	0.1	1.0	0.0	0.244	1.0	33.1	−3.3	−48.7	48.9	266	0.0	0.1	1.0			
268	265	267	0.0	0.227	1.0	33.1	−1.6	−48.3	48.4	268	0.0	0.253	1.0	33.2	−4.2	−48.9	49.1	265	0.0	0.083	1.0	0.0	0.236	1.0	33.1	−2.4	−48.5	48.7	267	0.0	0.083	1.0			
269	266	268	0.0	0.219	1.0	33.1	−0.7	−48.1	48.2	269	0.0	0.244	1.0	33.1	−3.3	−48.7	48.9	266	0.0	0.067	1.0	0.0	0.227	1.0	33.1	−1.6	−48.3	48.4	268	0.0	0.067	1.0			
270	267	269	0.0	0.21	1.0	33.1	0.0	−47.8	47.9	270	0.0	0.236	1.0	33.1	−2.4	−48.5	48.7	267	0.0	0.05	1.0	0.0	0.219	1.0	33.1	−0.7	−48.1	48.2	269	0.0	0.05	1.0			
271	268	270	0.0	0.202	1.0	33.0	0.8	−47.6	47.7	271	0.0	0.227	1.0	33.1	−1.6	−48.3	48.4	268	0.0	0.033	1.0	0.0	0.21	1.0	33.1	0.0	−47.8	47.9	270	0.0	0.033	1.0			
272	269	271	0.0	0.193	1.0	33.0	1.7	−47.3	47.4	272	0.0	0.219	1.0	33.1	−0.7	−48.1	48.2	269	0.0	0.017	1.0	0.0	0.202	1.0	33.0	0.8	−47.6	47.7	271	0.0	0.017	1.0			
273	270	272	0.0	0.185	1.0	33.0	2.5	−47.0	47.2	273	0.0	0.21	1.0	33.1	0.0	−47.8	47.9	270	0.0	0.0	1.0 B_s	0.0	0.193	1.0	33.0	1.7	−47.3	47.4	272	0.0	0.0	1.0 B_e			
274	271	273	0.0	0.176	1.0	33.0	3.3	−46.7	46.9	274	0.0	0.202	1.0	33.0	0.8	−47.6	47.7	271	0.017	0.0	1.0	0.0	0.185	1.0	33.0	2.5	−47.0	47.2	273	0.017	0.0	1.0			
275	272	274	0.0	0.168	1.0	33.0	4.1	−46.4	46.7	275	0.0	0.193	1.0	33.0	1.7	−47.3	47.4	272	0.033	0.0	1.0	0.0	0.176	1.0	33.0	3.3	−46.7	46.9	274	0.033	0.0	1.0			
276	273	275	0.0	0.159	1.0	33.0	4.9	−46.1	46.4	276	0.0	0.185	1.0	33.0	2.5	−47.0	47.2	273	0.05	0.0	1.0	0.0	0.168	1.0	33.0	4.1	−46.4	46.7	275	0.05	0.0	1.0			
277	274	276	0.0	0.151	1.0	33.0	5.6	−45.7	46.2	277	0.0	0.176	1.0	33.0	3.3	−46.7	46.9	274	0.067	0.0	1.0	0.0	0.159	1.0	33.0	4.9	−46.1	46.4	276	0.067	0.0	1.0			
278	275	276	0.0	0.142	1.0	33.0	6.4	−45.4	45.9	278	0.0	0.168	1.0	33.0	4.1	−46.4	46.7	275	0.083	0.0	1.0	0.0	0.159	1.0	33.0	4.9	−46.1	46.4	276	0.083	0.0	1.0			
279	276	277	0.0	0.134	1.0	32.9	7.1	−45.0	45.7	279	0.0	0.159	1.0	33.0	4.9	−46.1	46.4	276	0.1	0.0	1.0	0.0	0.151	1.0	33.0	5.6	−45.7	46.2	277	0.1	0.0	1.0			
280	277	278	0.0	0.125	1.0	32.9	7.9	−44.6	45.4	280	0.0	0.151	1.0	33.0	5.6	−45.7	46.2	277	0.117	0.0	1.0	0.0	0.142	1.0	33.0	6.4	−45.4	45.9	278	0.117	0.0	1.0			
281	278	279	0.0	0.116	1.0	32.8	8.7	−44.5	45.4	281	0.0	0.142	1.0	33.0	6.4	−45.4	45.9	278	0.133	0.0	1.0	0.0	0.134	1.0	32.9	7.1	−45.0	45.7	279	0.133	0.0	1.0			
282	279	280	0.0	0.108	1.0	32.7	9.4	−44.4	45.4	282	0.0	0.134	1.0	32.9	7.1	−45.0	45.7	279	0.15	0.0	1.0	0.0	0.125	1.0	32.9	7.9	−44.6	45.4	280	0.15	0.0	1.0			
283	280	281	0.0	0.099	1.0	32.6	10.2	−44.2	45.4	283	0.0	0.125	1.0	32.9	7.9	−44.6	45.4	280	0.167	0.0	1.0	0.0	0.116	1.0	32.8	8.7	−44.5	45.4	281	0.167	0.0	1.0			
284	281	282	0.0	0.091	1.0	32.5	11.0	−44.0	45.5	284	0.0	0.116	1.0	32.8	8.7	−44.5	45.4	281	0.183	0.0	1.0	0.0	0.108	1.0	32.7	9.4	−44.4	45.4	282	0.183	0.0	1.0			
285	282	283	0.0	0.082	1.0	32.3	11.8	−43.8	45.5	285	0.0	0.108	1.0	32.7	9.4	−44.4	45.4	282	0.2	0.0	1.0	0.0	0.099	1.0	32.6	10.2	−44.2	45.4	283	0.2	0.0	1.0			
286	283	284	0.0	0.073	1.0	32.2	12.5	−43.6	45.5	286	0.0	0.099	1.0	32.6	10.2	−44.2	45.4	283	0.217	0.0	1.0	0.0	0.091	1.0	32.5	11.0	−44.0	45.5	284	0.217	0.0	1.0			
287	284	285	0.0	0.065	1.0	32.1	13.3	−43.4	45.5	287	0.0	0.091	1.0	32.5	11.0	−44.0	45.5	284	0.233	0.0	1.0	0.0	0.082	1.0	32.3	11.8	−43.8	45.5	285	0.233	0.0	1.0			
288	285	286	0.0	0.056	1.0	32.0	14.1	−43.1	45.5	288	0.0	0.082	1.0	32.3	11.8	−43.8	45.5	285	0.25	0.0	1.0	0.0	0.073	1.0	32.2	12.5	−43.6	45.5	286	0.25	0.0	1.0			
289	286	287	0.0	0.047	1.0	31.9	14.8	−42.9	45.5	289	0.0	0.073	1.0	32.2	12.5	−43.6	45.5	286	0.267	0.0	1.0	0.0	0.065	1.0	32.1	13.3	−43.4	45.5	287	0.267	0.0	1.0			
290	287	288	0.0	0.039	1.0	31.7	15.6	−42.6	45.5	290	0.0	0.065	1.0	32.1	13.3	−43.4	45.5	287	0.283	0.0	1.0	0.0	0.056	1.0	32.0	14.1	−43.1	45.5	288	0.283	0.0	1.0			
291	288	289	0.0	0.03	1.0	31.6	16.3	−42.4	45.5	291	0.0	0.056	1.0	32.0	14.1	−43.1	45.5	288	0.3	0.0	1.0	0.0	0.047	1.0	31.9	14.8	−42.9	45.5	289	0.3	0.0	1.0			
292	289	290	0.0	0.022	1.0	31.5	17.0	−42.1	45.5	292	0.0	0.047	1.0	31.9	14.8	−42.9	45.5	289	0.317	0.0	1.0	0.0	0.039	1.0	31.7	15.6	−42.6	45.5	290	0.317	0.0	1.0			
293	290	291	0.0	0.013	1.0	31.4	17.8	−41.8	45.5	293	0.0	0.039	1.0	31.7	15.6	−42.6	45.5	290	0.333	0.0	1.0	0.0	0.03	1.0	31.6	16.3	−42.4	45.5	291	0.333	0.0	1.0			
294	291	292	0.0	0.004	1.0	31.3	18.5	−41.5	45.5	294 B_d	0.0	0.03	1.0	31.6	16.3	−42.4	45.5	291	0.35	0.0	1.0	0.0	0.022	1.0	31.5	17.0	−42.1	45.5	292	0.35	0.0	1.0			
295	292	293	0.006	0.0	1.0	31.2	19.2	−41.2	45.5	295	0.0	0.022	1.0	31.5	17.0	−42.1	45.5	292	0.367	0.0	1.0	0.0	0.013	1.0	31.4	17.8	−41.8	45.5	293	0.367	0.0	1.0			
296	293	294	0.017	0.0	1.0	31.2	20.0	−40.9	45.6	296	0.0	0.013	1.0	31.4	17.8	−41.8	45.5	293	0.383	0.0	1.0	0.0	0.004	1.0	31.3	18.5	−41.5	45.5	294	0.383	0.0	1.0			
297	294	294	0.029	0.0	1.0	31.2	20.8	−40.6	45.7	297	0.0	0.004	1.0	31.3	18.5	−41.5	45.5	294	0.4	0.0	1.0	0.0	0.004	1.0	31.3	18.5	−41.5	45.5	294	0.4	0.0	1.0			
298	295	295	0.041	0.0	1.0	31.1	21.5	−40.4	45.8	298	0.006	0.0	1.0	31.2	19.2	−41.2	45.5	295	0.417	0.0	1.0	0.006	0.0	1.0	31.2	19.2	−41.2	45.5	295	0.417	0.0	1.0			
299	296	296	0.052	0.0	1.0	31.1	22.3	−40.0	45.9	299	0.017	0.0	1.0	31.2	20.0	−40.9	45.6	296	0.433	0.0	1.0	0.017	0.0	1.0	31.2	20.0	−40.9	45.6	296	0.433	0.0	1.0			
300	297	297	0.064	0.0	1.0	31.1	23.0	−39.7	46.0	300	0.029	0.0	1.0	31.2	20.8	−40.6	45.7	297	0.45	0.0	1.0	0.029	0.0	1.0	31.2	20.8	−40.6	45.7	297	0.45	0.0	1.0			
301	298	298	0.076	0.0	1.0	31.1	23.7	−39.4	46.1	301	0.041	0.0	1.0	31.1	21.5	−40.4	45.8	298	0.467	0.0	1.0	0.041	0.0	1.0	31.1	21.5	−40.4	45.8	298	0.467	0.0	1.0			
302	299	299	0.087	0.0	1.0	31.1	24.5	−39.1	46.2	302	0.052	0.0	1.0	31.1	22.3	−40.0	45.9	299	0.483	0.0	1.0	0.052	0.0	1.0	31.1	22.3	−40.0	45.9	299	0.483	0.0	1.0			
303	300	300	0.099	0.0	1.0	31.1	25.2	−38.7	46.3	303	0.064	0.0	1.0	31.1	23.0	−39.7	46.0	300	0.5	0.0	1.0	0.064	0.0	1.0	31.1	23.0	−39.7	46.0	300	0.5	0.0	1.0			

Data of Maximum color M in colorimetric system laser printer HRS27_96; separation cmy0*, 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:* $h_{ab,d}$ = 33.9, 95.1, 151.0, 224.5, 294.5, 353.9; 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
303	300	300	0.099	0.0	1.0	31.1	25.2	−38.7	46.3	303	0.064	0.0	1.0	31.1	23.0	−39.7	46.0	300	0.5	0.0	1.0	0.064	0.0	1.0	31.1	23.0	−39.7	46.0	300	0.5	0.0	1.0			
304	301	301	0.111	0.0	1.0	31.1	25.9	−38.3	46.3	304	0.076	0.0	1.0	31.1	23.7	−39.4	46.1	301	0.517	0.0	1.0	0.076	0.0	1.0	31.1	23.7	−39.4	46.1	301	0.517	0.0	1.0			
305	302	302	0.122	0.0	1.0	31.0	26.6	−37.9	46.4	305	0.087	0.0	1.0	31.1	24.5	−39.1	46.2	302	0.533	0.0	1.0	0.087	0.0	1.0	31.1	24.5	−39.1	46.2	302	0.533	0.0	1.0			
306	303	303	0.133	0.0	1.0	31.0	27.4	−37.6	46.6	306	0.099	0.0	1.0	31.1	25.2	−38.7	46.3	303	0.55	0.0	1.0	0.099	0.0	1.0	31.1	25.2	−38.7	46.3	303	0.55	0.0	1.0			
307	304	304	0.143	0.0	1.0	31.1	28.2	−37.3	46.8	307	0.111	0.0	1.0	31.1	25.9	−38.3	46.3	304	0.567	0.0	1.0	0.111	0.0	1.0	31.1	25.9	−38.3	46.3	304	0.567	0.0	1.0			
308	305	305	0.153	0.0	1.0	31.1	28.9	−36.9	47.0	308	0.122	0.0	1.0	31.0	26.6	−37.9	46.4	305	0.583	0.0	1.0	0.122	0.0	1.0	31.0	26.6	−37.9	46.4	305	0.583	0.0	1.0			
309	306	306	0.163	0.0	1.0	31.1	29.7	−36.6	47.2	309	0.133	0.0	1.0	31.0	27.4	−37.6	46.6	306	0.6	0.0	1.0	0.133	0.0	1.0	31.0	27.4	−37.6	46.6	306	0.6	0.0	1.0			
310	307	307	0.173	0.0	1.0	31.1	30.5	−36.2	47.4	310	0.143	0.0	1.0	31.1	28.2	−37.3	46.8	307	0.617	0.0	1.0	0.143	0.0	1.0	31.1	28.2	−37.3	46.8	307	0.617	0.0	1.0			
311	308	308	0.183	0.0	1.0	31.1	31.2	−35.8	47.6	311	0.153	0.0	1.0	31.1	28.9	−36.9	47.0	308	0.633	0.0	1.0	0.153	0.0	1.0	31.1	28.9	−36.9	47.0	308	0.633	0.0	1.0			
312	309	309	0.193	0.0	1.0	31.1	32.0	−35.4	47.8	312	0.163	0.0	1.0	31.1	29.7	−36.6	47.2	309	0.65	0.0	1.0	0.163	0.0	1.0	31.1	29.7	−36.6	47.2	309	0.65	0.0	1.0			
313	310	310	0.203	0.0	1.0	31.1	32.8	−35.0	48.0	313	0.173	0.0	1.0	31.1	30.5	−36.2	47.4	310	0.667	0.0	1.0	0.173	0.0	1.0	31.1	30.5	−36.2	47.4	310	0.667	0.0	1.0			
314	311	311	0.213	0.0	1.0	31.1	33.5	−34.6	48.2	314	0.183	0.0	1.0	31.1	31.2	−35.8	47.6	311	0.683	0.0	1.0	0.183	0.0	1.0	31.1	31.2	−35.8	47.6	311	0.683	0.0	1.0			
315	312	312	0.223	0.0	1.0	31.1	34.2	−34.1	48.4	315	0.193	0.0	1.0	31.1	32.0	−35.4	47.8	312	0.7	0.0	1.0	0.193	0.0	1.0	31.1	32.0	−35.4	47.8	312	0.7	0.0	1.0			
316	313	312	0.233	0.0	1.0	31.1	35.0	−33.7	48.6	316	0.203	0.0	1.0	31.1	32.8	−35.0	48.0	313	0.717	0.0	1.0	0.193	0.0	1.0	31.1	32.0	−35.4	47.8	312	0.717	0.0	1.0			
317	314	313	0.243	0.0	1.0	31.1	35.7	−33.2	48.8	317	0.213	0.0	1.0	31.1	33.5	−34.6	48.2	314	0.733	0.0	1.0	0.203	0.0	1.0	31.1	32.8	−35.0	48.0	313	0.733	0.0	1.0			
318	315	314	0.254	0.0	1.0	31.2	36.5	−32.7	49.0	318	0.223	0.0	1.0	31.1	34.2	−34.1	48.4	315	0.75	0.0	1.0	0.213	0.0	1.0	31.1	33.5	−34.6	48.2	314	0.75	0.0	1.0			
319	316	315	0.268	0.0	1.0	31.4	37.2	−32.3	49.3	319	0.233	0.0	1.0	31.1	35.0	−33.7	48.6	316	0.767	0.0	1.0	0.223	0.0	1.0	31.1	34.2	−34.1	48.4	315	0.767	0.0	1.0			
320	317	316	0.283	0.0	1.0	31.6	38.0	−31.8	49.6	320	0.243	0.0	1.0	31.1	35.7	−33.2	48.8	317	0.783	0.0	1.0	0.233	0.0	1.0	31.1	35.0	−33.7	48.6	316	0.783	0.0	1.0			
321	318	317	0.297	0.0	1.0	31.8	38.8	−31.3	49.9	321	0.254	0.0	1.0	31.2	36.5	−32.7	49.0	318	0.8	0.0	1.0	0.243	0.0	1.0	31.1	35.7	−33.2	48.8	317	0.8	0.0	1.0			
322	319	318	0.312	0.0	1.0	32.0	39.5	−30.8	50.2	322	0.268	0.0	1.0	31.4	37.2	−32.3	49.3	319	0.817	0.0	1.0	0.254	0.0	1.0	31.2	36.5	−32.7	49.0	318	0.817	0.0	1.0			
323	320	319	0.326	0.0	1.0	32.2	40.3	−30.3	50.4	323	0.283	0.0	1.0	31.6	38.0	−31.8	49.6	320	0.833	0.0	1.0	0.268	0.0	1.0	31.4	37.2	−32.3	49.3	319	0.833	0.0	1.0			
324	321	320	0.34	0.0	1.0	32.4	41.0	−29.7	50.7	324	0.297	0.0	1.0	31.8	38.8	−31.3	49.9	321	0.85	0.0	1.0	0.283	0.0	1.0	31.6	38.0	−31.8	49.6	320	0.85	0.0	1.0			
325	322	321	0.355	0.0	1.0	32.6	41.8	−29.2	51.0	325	0.312	0.0	1.0	32.0	39.5	−30.8	50.2	322	0.867	0.0	1.0	0.297	0.0	1.0	31.8	38.8	−31.3	49.9	321	0.867	0.0	1.0			
326	323	322	0.369	0.0	1.0	32.8	42.5	−28.6	51.3	326	0.326	0.0	1.0	32.2	40.3	−30.3	50.4	323	0.883	0.0	1.0	0.312	0.0	1.0	32.0	39.5	−30.8	50.2	322	0.883	0.0	1.0			
327	324	323	0.387	0.0	1.0	33.2	43.3	−28.0	51.6	327	0.34	0.0	1.0	32.4	41.0	−29.7	50.7	324	0.9	0.0	1.0	0.326	0.0	1.0	32.2	40.3	−30.3	50.4	323	0.9	0.0	1.0			
328	325	324	0.408	0.0	1.0	33.6	44.1	−27.5	52.1	328	0.355	0.0	1.0	32.6	41.8	−29.2	51.0	325	0.917	0.0	1.0	0.34	0.0	1.0	32.4	41.0	−29.7	50.7	324	0.917	0.0	1.0			
329	326	325	0.428	0.0	1.0	34.0	45.0	−26.9	52.5	329	0.369	0.0	1.0	32.8	42.5	−28.6	51.3	326	0.933	0.0	1.0	0.355	0.0	1.0	32.6	41.8	−29.2	51.0	325	0.933	0.0	1.0			
330	327	326	0.449	0.0	1.0	34.5	45.8	−26.3	52.9	330	0.387	0.0	1.0	33.2	43.3	−28.0	51.6	327	0.95	0.0	1.0	0.369	0.0	1.0	32.8	42.5	−28.6	51.3	326	0.95	0.0	1.0			
331	328	327	0.469	0.0	1.0	34.9	46.6	−25.7	53.3	331	0.408	0.0	1.0	33.6	44.1	−27.5	52.1	328	0.967	0.0	1.0	0.387	0.0	1.0	33.2	43.3	−28.0	51.6	327	0.967	0.0	1.0			
332	329	328	0.49	0.0	1.0	35.3	47.4	−25.1	53.7	332	0.428	0.0	1.0	34.0	45.0	−26.9	52.5	329	0.983	0.0	1.0	0.408	0.0	1.0	33.6	44.1	−27.5	52.1	328	0.983	0.0	1.0			
333	330	329	0.511	0.0	1.0	35.8	48.3	−24.5	54.2	333	0.449	0.0	1.0	34.5	45.8	−26.3	52.9	330	1.0	0.0	1.0 M_s	0.428	0.0	1.0	34.0	45.0	−26.9	52.5	329	1.0	0.0	1.0 M_e			
334	331	330	0.533	0.0	1.0	36.2	49.2	−23.9	54.7	334	0.469	0.0	1.0	34.9	46.6	−25.7	53.3	331	1.0	0.0	0.983	0.449	0.0	1.0	34.5	45.8	−26.3	52.9	330	1.0	0.0	0.983			
335	332	331	0.555	0.0	1.0	36.7	50.0	−23.2	55.2	335	0.49	0.0	1.0	35.3	47.4	−25.1	53.7	332	1.0	0.0	0.967	0.469	0.0	1.0	34.9	46.6	−25.7	53.3	331	1.0	0.0	0.967			
336	333	331	0.576	0.0	1.0	37.1	50.9	−22.6	55.7	336	0.511	0.0	1.0	35.8	48.3	−24.5	54.2	333	1.0	0.0	0.95	0.469	0.0	1.0	34.9	46.6	−25.7	53.3	331	1.0	0.0	0.95			
337	334	332	0.598	0.0	1.0	37.6	51.8	−21.9	56.2	337	0.533	0.0	1.0	36.2	49.2	−23.9	54.7	334	1.0	0.0	0.933	0.49	0.0	1.0	35.3	47.4	−25.1	53.7	332	1.0	0.0	0.933			
338	335	333	0.62	0.0	1.0	38.0	52.6	−21.2	56.8	338	0.555	0.0	1.0	36.7	50.0	−23.2	55.2	335	1.0	0.0	0.917	0.511	0.0	1.0	35.8	48.3	−24.5	54.2	333	1.0	0.0	0.917			
339	336	334	0.641	0.0	1.0	38.4	53.6	−20.5	57.5	339	0.576	0.0	1.0	37.1	50.9	−22.6	55.7	336	1.0	0.0	0.9	0.533	0.0	1.0	36.2	49.2	−23.9	54.7	334	1.0	0.0	0.9			
340	337	335	0.661	0.0	1.0	38.8	54.7	−19.8	58.2	340	0.598	0.0	1.0	37.6	51.8	−21.9	56.2	337	1.0	0.0	0.883	0.555	0.0	1.0	36.7	50.0	−23.2	55.2	335	1.0	0.0	0.883			
341	338	336	0.682	0.0	1.0	39.2	55.8	−19.1	59.0	341	0.62	0.0	1.0	38.0	52.6	−21.2	56.8	338	1.0	0.0	0.867	0.576	0.0	1.0	37.1	50.9	−22.6	55.7	336	1.0	0.0	0.867			
342	339	337	0.702	0.0	1.0	39.6	56.8	−18.4	59.7	342	0.641	0.0	1.0	38.4	53.6	−20.5	57.5	339	1.0	0.0	0.85	0.598	0.0	1.0	37.6	51.8	−21.9	56.2	337	1.0	0.0	0.85			
343	340	338	0.722	0.0	1.0	40.0	57.8	−17.6	60.5	343	0.661	0.0	1.0	38.8	54.7	−19.8	58.2	340	1.0	0.0	0.833	0.62	0.0	1.0	38.0	52.6	−21.2	56.8	338	1.0	0.0	0.833			
344	341	339	0.743	0.0	1.0	40.3	58.8	−16.8	61.2	344	0.682	0.0	1.0	39.2	55.8	−19.1	59.0	341	1.0	0.0	0.817	0.641	0.0	1.0	38.4	53.6	−20.5	57.5	339	1.0	0.0	0.817			
345	342	340	0.768	0.0	1.0	40.8	60.0	−16.0	62.1	345	0.702	0.0	1.0	39.6	56.8	−18.4	59.7	342	1.0	0.0	0.8	0.661	0.0	1.0	38.8	54.7	−19.8	58.2	340	1.0	0.0	0.8			
346	343	341	0.797	0.0	1.0	41.4	61.2	−15.2	63.1	346	0.722	0.0	1.0	40.0	57.8	−17.6	60.5	343	1.0	0.0	0.783	0.682	0.0	1.0	39.2	55.8	−19.1	59.0	341	1.0	0.0	0.783			
347	344	342	0.825	0.0	1.0	42.0	62.5	−14.3	64.1	347	0.743	0.0	1.0	40.3	58.8	−16.8	61.2	344	1.0	0.0	0.767	0.702	0.0	1.0	39.6	56.8	−18.4	59.7	342	1.0	0.0	0.767			
348	345	343	0.853	0.0	1.0	42.6	63.7	−13.4	65.1	348	0.768	0.0	1.0	40.8	60.0	−16.0	62.1	345	1.0	0.0	0.75	0.722	0.0	1.0	40.0	57.8	−17.6	60.5	343	1.0	0.0	0.75			

Data of Maximum color M in colorimetric system laser printer HRS27_96; separation cmy0*, 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:* $h_{ab,d}$ = 33.9, 95.1, 151.0, 224.5, 294.5, 353.9; 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
348	345	343	0.853	0.0	1.0	42.6	63.7	−13.4	65.1	348	0.768	0.0	1.0	40.8	60.0	−16.0	62.1	345	1.0	0.0	0.75	0.722	0.0	1.0	40.0	57.8	−17.6	60.5	343	1.0	0.0	0.75			
349	346	344	0.881	0.0	1.0	43.2	64.9	−12.5	66.1	349	0.797	0.0	1.0	41.4	61.2	−15.2	63.1	346	1.0	0.0	0.733	0.743	0.0	1.0	40.3	58.8	−16.8	61.2	344	1.0	0.0	0.733			
350	347	345	0.905	0.0	1.0	44.0	66.1	−11.5	67.1	350	0.825	0.0	1.0	42.0	62.5	−14.3	64.1	347	1.0	0.0	0.717	0.768	0.0	1.0	40.8	60.0	−16.0	62.1	345	1.0	0.0	0.717			
351	348	346	0.929	0.0	1.0	44.8	67.2	−10.5	68.1	351	0.853	0.0	1.0	42.6	63.7	−13.4	65.1	348	1.0	0.0	0.7	0.797	0.0	1.0	41.4	61.2	−15.2	63.1	346	1.0	0.0	0.7			
352	349	347	0.954	0.0	1.0	45.6	68.4	−9.5	69.1	352	0.881	0.0	1.0	43.2	64.9	−12.5	66.1	349	1.0	0.0	0.683	0.825	0.0	1.0	42.0	62.5	−14.3	64.1	347	1.0	0.0	0.683			
353	350	348	0.978	0.0	1.0	46.3	69.5	−8.4	70.1	353 ***M*d**	0.905	0.0	1.0	44.0	66.1	−11.5	67.1	350	1.0	0.0	0.667	0.853	0.0	1.0	42.6	63.7	−13.4	65.1	348	1.0	0.0	0.667			
354	351	349	1.0	0.0	0.996	47.0	70.6	−7.3	71.0	354	0.929	0.0	1.0	44.8	67.2	−10.5	68.1	351	1.0	0.0	0.65	0.881	0.0	1.0	43.2	64.9	−12.5	66.1	349	1.0	0.0	0.65			
355	352	349	1.0	0.0	0.954	46.9	70.7	−6.1	71.0	355	0.954	0.0	1.0	45.6	68.4	−9.5	69.1	352	1.0	0.0	0.633	0.881	0.0	1.0	43.2	64.9	−12.5	66.1	349	1.0	0.0	0.633			
356	353	350	1.0	0.0	0.912	46.7	70.8	−4.9	71.0	356	0.978	0.0	1.0	46.3	69.5	−8.4	70.1	353	1.0	0.0	0.617	0.905	0.0	1.0	44.0	66.1	−11.5	67.1	350	1.0	0.0	0.617			
357	354	351	1.0	0.0	0.872	46.6	70.9	−3.6	71.0	357	1.0	0.0	0.996	47.0	70.6	−7.3	71.0	354	1.0	0.0	0.6	0.929	0.0	1.0	44.8	67.2	−10.5	68.1	351	1.0	0.0	0.6			
358	355	352	1.0	0.0	0.852	46.6	70.8	−2.4	70.8	358	1.0	0.0	0.954	46.9	70.7	−6.1	71.0	355	1.0	0.0	0.583	0.954	0.0	1.0	45.6	68.4	−9.5	69.1	352	1.0	0.0	0.583			
359	356	353	1.0	0.0	0.831	46.6	70.6	−1.1	70.7	359	1.0	0.0	0.912	46.7	70.8	−4.9	71.0	356	1.0	0.0	0.567	0.978	0.0	1.0	46.3	69.5	−8.4	70.1	353	1.0	0.0	0.567			
0	357	354	1.0	0.0	0.81	46.6	70.5	0.0	70.5	0	1.0	0.0	0.872	46.6	70.9	−3.6	71.0	357	1.0	0.0	0.55	1.0	0.0	0.996	47.0	70.6	−7.3	71.0	354	1.0	0.0	0.55			
1	358	355	1.0	0.0	0.789	46.6	70.3	1.2	70.3	1	1.0	0.0	0.852	46.6	70.8	−2.4	70.8	358	1.0	0.0	0.533	1.0	0.0	0.954	46.9	70.7	−6.1	71.0	355	1.0	0.0	0.533			
2	359	356	1.0	0.0	0.768	46.6	70.1	2.4	70.1	2	1.0	0.0	0.831	46.6	70.6	−1.1	70.7	359	1.0	0.0	0.517	1.0	0.0	0.912	46.7	70.8	−4.9	71.0	356	1.0	0.0	0.517			
3	360	357	1.0	0.0	0.748	46.6	69.8	3.7	69.9	3	1.0	0.0	0.81	46.6	70.5	0.0	70.5	0	1.0	0.0	0.5	1.0	0.0	0.872	46.6	70.9	−3.6	71.0	357	1.0	0.0	0.5			
4	361	358	1.0	0.0	0.729	46.6	69.6	4.9	69.8	4	1.0	0.0	0.789	46.6	70.3	1.2	70.3	1	1.0	0.0	0.483	1.0	0.0	0.852	46.6	70.8	−2.4	70.8	358	1.0	0.0	0.483			
5	362	359	1.0	0.0	0.711	46.6	69.3	6.1	69.6	5	1.0	0.0	0.768	46.6	70.1	2.4	70.1	2	1.0	0.0	0.467	1.0	0.0	0.831	46.6	70.6	−1.1	70.7	359	1.0	0.0	0.467			
6	363	360	1.0	0.0	0.693	46.6	69.1	7.3	69.4	6	1.0	0.0	0.748	46.6	69.8	3.7	69.9	3	1.0	0.0	0.45	1.0	0.0	0.81	46.6	70.5	0.0	70.5	0	1.0	0.0	0.45			
7	364	361	1.0	0.0	0.674	46.6	68.8	8.4	69.3	7	1.0	0.0	0.729	46.6	69.6	4.9	69.8	4	1.0	0.0	0.433	1.0	0.0	0.789	46.6	70.3	1.2	70.3	1	1.0	0.0	0.433			
8	365	362	1.0	0.0	0.656	46.6	68.4	9.6	69.1	8	1.0	0.0	0.711	46.6	69.3	6.1	69.6	5	1.0	0.0	0.417	1.0	0.0	0.768	46.6	70.1	2.4	70.1	2	1.0	0.0	0.417			
9	366	363	1.0	0.0	0.638	46.5	68.1	10.8	69.0	9	1.0	0.0	0.693	46.6	69.1	7.3	69.4	6	1.0	0.0	0.4	1.0	0.0	0.748	46.6	69.8	3.7	69.9	3	1.0	0.0	0.4			
10	367	364	1.0	0.0	0.618	46.5	67.8	12.0	68.8	10	1.0	0.0	0.674	46.6	68.8	8.4	69.3	7	1.0	0.0	0.383	1.0	0.0	0.729	46.6	69.6	4.9	69.8	4	1.0	0.0	0.383			
11	368	365	1.0	0.0	0.597	46.5	67.5	13.1	68.8	11	1.0	0.0	0.656	46.6	68.4	9.6	69.1	8	1.0	0.0	0.367	1.0	0.0	0.711	46.6	69.3	6.1	69.6	5	1.0	0.0	0.367			
12	369	366	1.0	0.0	0.575	46.5	67.2	14.3	68.7	12	1.0	0.0	0.638	46.5	68.1	10.8	69.0	9	1.0	0.0	0.35	1.0	0.0	0.693	46.6	69.1	7.3	69.4	6	1.0	0.0	0.35			
13	370	367	1.0	0.0	0.554	46.4	66.9	15.4	68.7	13	1.0	0.0	0.618	46.5	67.8	12.0	68.8	10	1.0	0.0	0.333	1.0	0.0	0.674	46.6	68.8	8.4	69.3	7	1.0	0.0	0.333			
14	371	367	1.0	0.0	0.532	46.4	66.6	16.6	68.6	14	1.0	0.0	0.597	46.5	67.5	13.1	68.8	11	1.0	0.0	0.317	1.0	0.0	0.674	46.6	68.8	8.4	69.3	7	1.0	0.0	0.317			
15	372	368	1.0	0.0	0.511	46.4	66.2	17.7	68.5	15	1.0	0.0	0.575	46.5	67.2	14.3	68.7	12	1.0	0.0	0.3	1.0	0.0	0.656	46.6	68.4	9.6	69.1	8	1.0	0.0	0.3			
16	373	369	1.0	0.0	0.489	46.4	65.9	18.9	68.6	16	1.0	0.0	0.554	46.4	66.9	15.4	68.7	13	1.0	0.0	0.283	1.0	0.0	0.638	46.5	68.1	10.8	69.0	9	1.0	0.0	0.283			
17	374	370	1.0	0.0	0.467	46.4	65.7	20.1	68.7	17	1.0	0.0	0.532	46.4	66.6	16.6	68.6	14	1.0	0.0	0.267	1.0	0.0	0.618	46.5	67.8	12.0	68.8	10	1.0	0.0	0.267			
18	375	371	1.0	0.0	0.445	46.5	65.5	21.3	68.9	18	1.0	0.0	0.511	46.4	66.2	17.7	68.5	15	1.0	0.0	0.25	1.0	0.0	0.597	46.5	67.5	13.1	68.8	11	1.0	0.0	0.25			
19	376	372	1.0	0.0	0.423	46.5	65.3	22.5	69.0	19	1.0	0.0	0.489	46.4	65.9	18.9	68.6	16	1.0	0.0	0.233	1.0	0.0	0.575	46.5	67.2	14.3	68.7	12	1.0	0.0	0.233			
20	377	373	1.0	0.0	0.401	46.6	65.0	23.7	69.2	20	1.0	0.0	0.467	46.4	65.7	20.1	68.7	17	1.0	0.0	0.217	1.0	0.0	0.554	46.4	66.9	15.4	68.7	13	1.0	0.0	0.217			
21	378	374	1.0	0.0	0.379	46.6	64.7	24.8	69.3	21	1.0	0.0	0.445	46.5	65.5	21.3	68.9	18	1.0	0.0	0.2	1.0	0.0	0.532	46.4	66.6	16.6	68.6	14	1.0	0.0	0.2			
22	379	375	1.0	0.0	0.354	46.7	64.7	26.1	69.7	22	1.0	0.0	0.423	46.5	65.3	22.5	69.0	19	1.0	0.0	0.183	1.0	0.0	0.511	46.4	66.2	17.7	68.5	15	1.0	0.0	0.183			
23	380	376	1.0	0.0	0.328	46.7	64.7	27.4	70.2	23	1.0	0.0	0.401	46.6	65.0	23.7	69.2	20	1.0	0.0	0.167	1.0	0.0	0.489	46.4	65.9	18.9	68.6	16	1.0	0.0	0.167			
24	381	377	1.0	0.0	0.302	46.8	64.6	28.8	70.7	24	1.0	0.0	0.379	46.6	64.7	24.8	69.3	21	1.0	0.0	0.15	1.0	0.0	0.467	46.4	65.7	20.1	68.7	17	1.0	0.0	0.15			
25	382	378	1.0	0.0	0.275	46.9	64.5	30.1	71.2	25	1.0	0.0	0.354	46.7	64.7	26.1	69.7	22	1.0	0.0	0.133	1.0	0.0	0.445	46.5	65.5	21.3	68.9	18	1.0	0.0	0.133			
26	383	379	1.0	0.0	0.249	46.9	64.5	31.4	71.7	26	1.0	0.0	0.328	46.7	64.7	27.4	70.2	23	1.0	0.0	0.117	1.0	0.0	0.423	46.5	65.3	22.5	69.0	19	1.0	0.0	0.117			
27	384	380	1.0	0.0	0.223	47.1	64.5	32.9	72.4	27	1.0	0.0	0.302	46.8	64.6	28.8	70.7	24	1.0	0.0	0.1	1.0	0.0	0.401	46.6	65.0	23.7	69.2	20	1.0	0.0	0.1			
28	385	381	1.0	0.0	0.198	47.3	64.5	34.3	73.0	28	1.0	0.0	0.275	46.9	64.5	30.1	71.2	25	1.0	0.0	0.083	1.0	0.0	0.379	46.6	64.7	24.8	69.3	21	1.0	0.0	0.083			
29	386	382	1.0	0.0	0.172	47.5	64.4	35.7	73.7	29	1.0	0.0	0.249	46.9	64.5	31.4	71.7	26	1.0	0.0	0.067	1.0	0.0	0.354	46.7	64.7	26.1	69.7	22	1.0	0.0	0.067			
30	387	383	1.0	0.0	0.147	47.7	64.4	37.2	74.3	30	1.0	0.0	0.223	47.1	64.5	32.9	72.4	27	1.0	0.0	0.05	1.0	0.0	0.328	46.7	64.7	27.4	70.2	23	1.0	0.0	0.05			
31	388	384	1.0	0.0	0.119	47.8	64.3	38.6	75.0	31	1.0	0.0	0.198	47.3	64.5	34.3	73.0	28	1.0	0.0	0.033	1.0	0.0	0.302	46.8	64.6	28.8	70.7	24	1.0	0.0	0.033			
32	389	385	1.0	0.0	0.078	48.0	64.5	40.3	76.0	32	1.0	0.0	0.172	47.5	64.4	35.7	73.7	29	1.0	0.0	0.017	1.0	0.0	0.275	46.9	64.5	30.1	71.2	25	1.0	0.0	0.017			
33	390	385	1.0	0.0	0.037	48.1	64.6	42.0	77.0	33 ***R*d**	1.0	0.0	0.147	47.7	64.4	37.2	74.3	30	1.0	0.0	0.0***R*s**	1.0	0.0	0.275	46.9	64.5	30.1	71.2	25	1.0	0.0	0.0***R*e**			