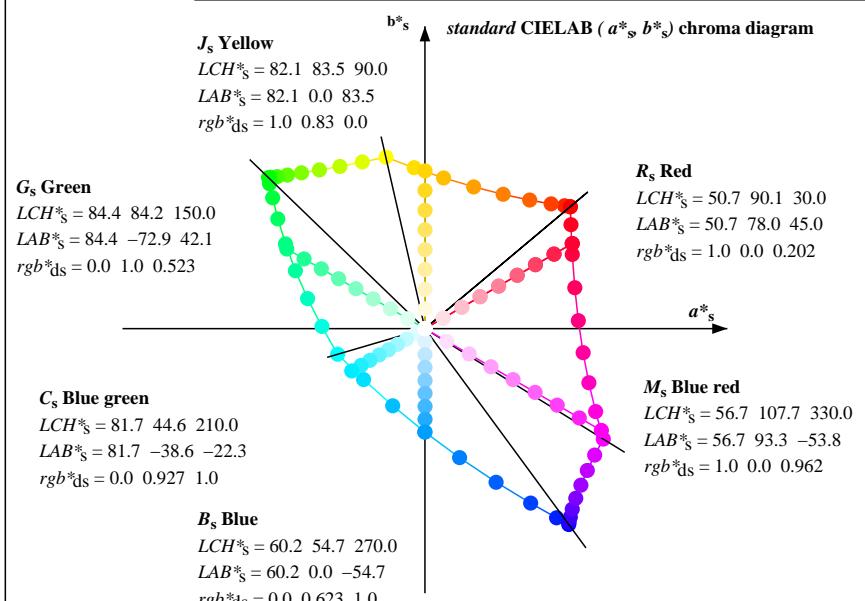
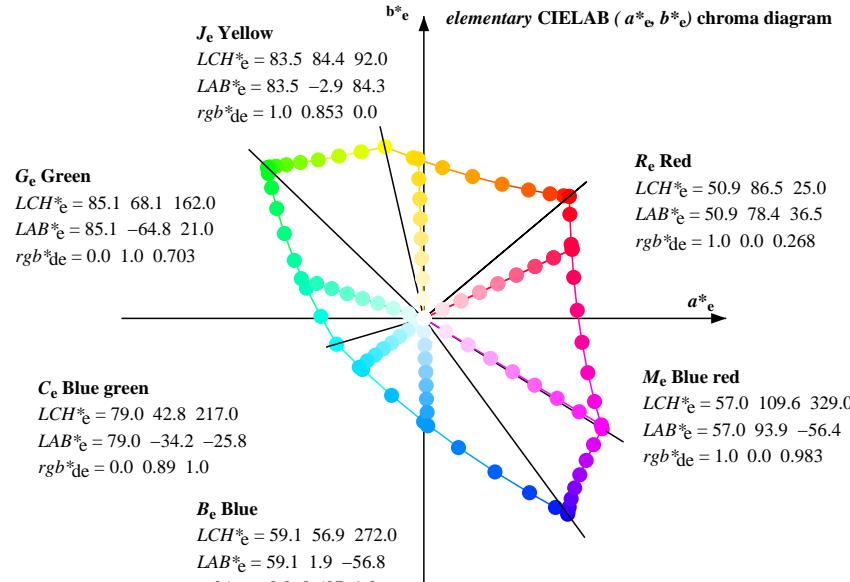
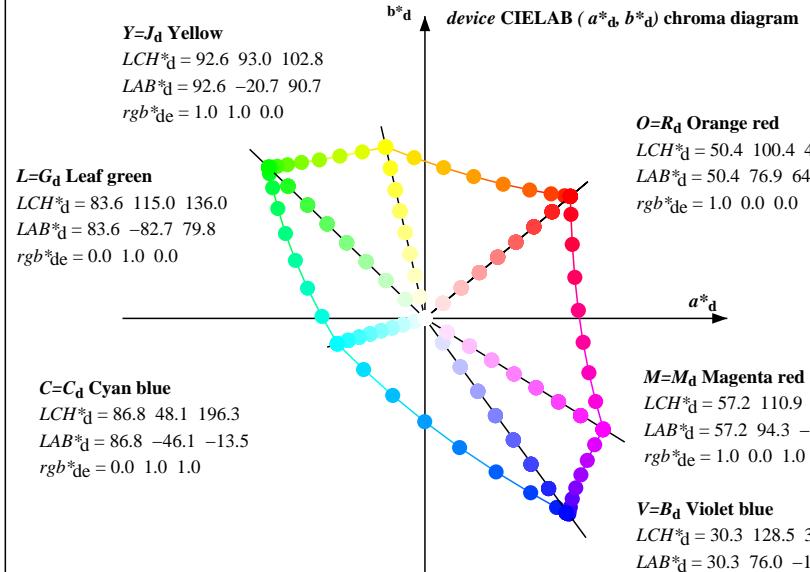


Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours s:  $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ; Six hue angles of the device colours d:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$



#### Notes to the CIELAB chroma diagrams ( $a^*_{d}, b^*_{d}$ ), ( $a^*_{s}, b^*_{s}$ ), ( $a^*_{e}, b^*_{e}$ )

- For the  $rgb^*_{d}$ -input values the CIELAB data  $LCH^*_{d}$  and  $LAB^*_{d}$  have been calculated.
- For the calculation of the standard hue angle  $h_{ab,s}$  use for any device values  $rgb^*_{d}$  the equation:  

$$h_{ab,s} = atan [ r^*_{d} \cos(30) + g^*_{d} \cos(150) ] / [ r^*_{d} \sin(30) + g^*_{d} \sin(150) + b^*_{d} \sin(270) ] \quad (1)$$
- For the 48 or 360 equally spaced standard hue angles  $h_{ab,s}$  of the colours of maximum chroma use the seven hue angles of the 60 degree colours s:  $h_{ab,si} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$  (i=0,6) and the equations for a 48 and 360 step hue circle:  

$$h_{48ab,si,j} = h_{ab,si} + j [ h_{ab,si+1} - h_{ab,si} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$
  

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

$$h_{48ab,ei,j} = h_{ab,ei} + j [ h_{ab,ei+1} - h_{ab,ei} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$
  

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

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd50M$	$LAB^*dd50Mx$ (x=LabCh)	$rgb^*ds50M$	$LAB^*ds50Mx$ (x=LabCh)	$rgb^*s50M$	$rgb^*de50M$	$LAB^*de50Mx$ (x=LabCh)	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
40.0	30.0	25.5	1.0 0.0 0.0	50.5 76.9 64.6	100.4 40.0	1.0 0.0 0.203	50.8 78.0 45.1	90.1 30	1.0 0.0 0.0	1.0 0.0 0.269	50.9 78.4 36.6	86.5 25	1.0 0.0 0.0
41.3	37.5	33.8	1.0 0.125 0.0	51.5 73.9 64.9	98.4 41.3	1.0 0.0 0.055	50.5 77.2 60.3	98.0 38	1.0 0.125 0.0	1.0 0.0 0.146	50.6 77.6 52.3	93.6 34	1.0 0.125 0.0
44.7	45.0	42.2	1.0 0.25 0.0	54.1 66.7 66.0	93.8 44.7	1.0 0.256 0.0	54.3 66.1 66.1	93.5 45	1.0 0.25 0.0	1.0 0.151 0.0	52.1 72.4 65.2	97.5 42	1.0 0.25 0.0
50.8	52.5	50.5	1.0 0.375 0.0	58.2 55.5 68.0	87.7 50.8	1.0 0.406 0.0	59.6 52.0 69.0	86.4 53	1.0 0.375 0.0	1.0 0.378 0.0	58.3 55.1 68.1	87.6 51	1.0 0.375 0.0
59.8	60.0	58.9	1.0 0.5 0.0	63.7 41.4 71.0	82.2 59.8	1.0 0.502 0.0	63.8 41.1 71.2	82.2 60	1.0 0.5 0.0	1.0 0.489 0.0	63.2 42.6 70.9	82.7 59	1.0 0.5 0.0
71.0	67.5	67.2	1.0 0.625 0.0	70.1 25.8 75.0	79.4 71.0	1.0 0.591 0.0	68.4 30.0 74.3	80.1 68	1.0 0.625 0.0	1.0 0.58 0.0	67.8 31.4 74.0	80.4 67	1.0 0.625 0.0
83.0	75.0	75.6	1.0 0.75 0.0	77.2 9.8 79.8	80.4 83.0	1.0 0.667 0.0	72.5 20.6 77.0	79.7 75	1.0 0.75 0.0	1.0 0.677 0.0	73.1 19.3 77.4	79.8 76	1.0 0.75 0.0
93.9	82.5	84.0	1.0 0.875 0.0	84.8 -5.7 85.1	85.3 93.9	1.0 0.75 0.0	77.3 9.8 79.8	80.4 83	1.0 0.875 0.0	1.0 0.762 0.0	78.0 8.5 80.4	80.9 84	1.0 0.875 0.0
102.9	90.0	92.3	1.0 1.0 0.0	92.7 -20.6 90.8	93.1 102.9	1.0 0.831 0.0	82.1 0.0 83.5	83.5 90	1.0 1.0 0.0	1.0 0.853 0.0	83.5 -2.8 84.4	84.4 92	1.0 1.0 0.0
110.6	97.5	101.1	0.875 1.0 0.0	90.4 -33.0 88.1	94.1 110.6	1.0 0.932 0.0	88.4 -12.3 88.0	88.9 98	0.875 1.0 0.0	1.0 0.974 0.0	91.0 -17.4 89.8	91.5 101	0.875 1.0 0.0
117.6	105.0	109.8	0.75 1.0 0.0	88.5 -44.8 85.8	96.9 117.6	0.965 1.0 0.0	92.0 -24.1 90.2	93.4 105	0.75 1.0 0.0	0.884 1.0 0.0	90.6 -32.1 88.4	94.1 110	0.75 1.0 0.0
123.6	112.5	118.5	0.625 1.0 0.0	87.0 -55.7 83.9	100.8 123.6	0.832 1.0 0.0	89.8 -37.1 87.5	95.1 113	0.625 1.0 0.0	0.721 1.0 0.0	88.2 -47.3 85.5	97.8 119	0.625 1.0 0.0
128.4	120.0	127.3	0.5 1.0 0.0	85.7 -65.1 82.4	105.1 128.4	0.7 1.0 0.0	87.9 -49.1 85.3	98.4 120	0.5 1.0 0.0	0.536 1.0 0.0	86.1 -62.4 83.0	103.9 127	0.5 1.0 0.0
131.9	127.5	136.0	0.375 1.0 0.0	84.8 -72.7 81.3	109.1 131.9	0.51 1.0 0.0	85.8 -64.4 82.6	104.8 128	0.375 1.0 0.0	0.004 1.0 0.0	83.6 -82.6 79.9	115.0 136	0.375 1.0 0.0
134.2	135.0	144.7	0.25 1.0 0.0	84.1 -78.2 80.5	112.3 134.2	0.173 1.0 0.0	83.9 -80.2 80.3	113.5 135	0.25 1.0 0.0	0.0 1.0 0.416 84.1	-76.6 53.7 93.6	145 0.25 1.0 0.0	
135.5	142.5	153.5	0.125 1.0 0.0	83.8 -81.4 80.1	114.2 135.5	0.0 1.0 0.368	84.0 -77.9 58.8	97.7 143	0.125 1.0 0.0	0.0 1.0 0.575 84.6	-70.8 36.1 79.6	153 0.125 1.0 0.0	
136.0	150.0	162.2	0.0 1.0 0.0	83.6 -82.7 79.9	115.0 136.0	0.0 1.0 0.523	84.4 -72.9 42.1	84.3 150	0.0 1.0 0.0	1.0 0.703 85.1	-64.7 21.1 68.2	162 0.0 1.0 0.0	
137.0	157.5	169.1	0.0 1.0 0.125	83.7 -82.1 76.6	112.3 137.0	0.0 1.0 0.652	84.9 -67.3 27.2	72.7 158	0.0 1.0 0.125	1.0 0.782 85.5	-60.4 11.8 61.7	169 0.0 1.0 0.125	
139.4	165.0	175.9	0.0 1.0 0.25	83.8 -80.5 69.1	106.2 139.4	0.0 1.0 0.742	85.3 -62.5 16.8	64.8 165	0.0 1.0 0.25	1.0 0.848 85.9	-56.4 4.0 56.6	176 0.0 1.0 0.25	
143.2	172.5	182.8	0.0 1.0 0.375	84.0 -77.7 58.1	97.1 143.2	0.0 1.0 0.82	85.7 -58.2 7.2	58.8 173	0.0 1.0 0.375	1.0 0.905 86.2	-52.9 -2.7 53.1	183 0.0 1.0 0.375	
148.6	180.0	189.6	0.0 1.0 0.5	84.3 -73.7 45.0	86.4 148.6	0.0 1.0 0.883	86.1 -54.1 0.0	54.2 180	0.0 1.0 0.5	1.0 0.955 86.6	-49.6 -8.7 50.5	190 0.0 1.0 0.5	
155.9	187.5	196.4	0.0 1.0 0.625	84.8 -68.4 30.7	75.1 155.9	0.0 1.0 0.94	86.5 -50.6 -7.0	51.2 188	0.0 1.0 0.625	1.0 0.997 86.9	-46.3 -13.2 48.3	196 0.0 1.0 0.625	
165.6	195.0	203.3	0.0 1.0 0.75	85.4 -62.0 15.9	64.1 165.6	0.0 1.0 0.99	86.8 -46.9 -12.5	48.6 195	0.0 1.0 0.75	0.965 1.0 0.0	84.4 -42.7 -18.0 46.4	203 0.0 1.0 0.75	
178.9	202.5	210.1	0.0 1.0 0.875	86.0 -54.5 1.1	54.6 178.9	0.0 0.965 1.0	84.4 -42.7 -18.0	46.4 203	0.0 1.0 0.875	0.927 1.0 0.0	81.7 -38.6 -22.2 44.7	210 0.0 1.0 0.875	
196.4	210.0	217.0	0.0 1.0 1.0	86.9 -46.1 -13.5	48.1 196.4	0.0 0.927 1.0	81.7 -38.6 -22.2	44.7 210	0.0 1.0 0.0	0.89 1.0 0.0	79.1 -34.1 -25.7	42.9 217 0.0 1.0 1.0	
219.8	217.5	223.8	0.0 0.875 1.0	78.0 -32.3 -26.9	42.2 219.8	0.0 0.885 1.0	78.7 -33.5 -26.1	42.6 218	0.0 0.875 1.0	0.856 1.0 0.0	76.7 -30.4 -29.4	42.5 224 0.0 0.875 1.0	
247.3	225.0	230.7	0.0 0.75 1.0	69.1 -17.0 -40.6	44.2 247.3	0.0 0.851 1.0	76.3 -30.0 -30.0	42.5 225	0.0 0.75 1.0	0.824 1.0 0.0	74.4 -26.9 -33.3	43.0 231 0.0 0.75 1.0	
269.8	232.5	237.5	0.0 0.625 1.0	60.3 0.0 -54.5	54.6 269.8	0.0 0.815 1.0	73.7 -25.9 -34.3	43.1 233	0.0 0.625 1.0	0.792 1.0 0.0	72.1 -23.0 -36.8	43.5 238 0.0 0.625 1.0	
285.0	240.0	244.4	0.0 0.5 1.0	51.8 18.3 -68.2	70.7 285.0	0.0 0.783 1.0	71.5 -21.7 -37.7	43.6 240	0.0 0.5 1.0	0.765 1.0 0.0	70.2 -19.2 -39.4	43.9 244 0.0 0.5 1.0	
294.9	247.5	251.2	0.0 0.375 1.0	43.9 37.7 -81.1	89.6 294.9	0.0 0.746 1.0	68.8 -16.6 -41.2	44.5 248	0.0 0.375 1.0	0.729 1.0 0.0	67.7 -14.8 -43.3	45.9 251 0.0 0.375 1.0	
301.2	255.0	258.0	0.0 0.25 1.0	37.2 55.9 -92.2	107.9 301.2	0.0 0.707 1.0	66.1 -12.3 -46.0	47.8 255	0.0 0.25 1.0	0.691 1.0 0.0	64.9 -10.1 -48.0	49.1 258 0.0 0.25 1.0	
304.8	262.5	264.9	0.0 0.125 1.0	32.5 69.6 -100.0	121.9 304.8	0.0 0.663 1.0	63.0 -6.2 -51.0	51.5 263	0.0 0.125 1.0	0.652 1.0 0.0	62.2 -4.5 -52.1	52.4 265 0.0 0.125 1.0	
306.3	270.0	271.7	0.0 0.0 1.0	30.4 76.1 -103.5	128.5 306.3	0.0 0.624 1.0	60.2 0.0 -54.7	54.8 270	0.0 0.0 1.0	0.607 1.0 0.0	59.1 2.0 -56.8	56.9 272 0.0 0.0 1.0	
306.7	277.5	278.8	0.125 0.0 1.0	31.0 76.3 -102.4	127.8 306.7	0.0 0.558 1.0	55.7 8.8 -62.6	63.3 278	0.125 0.0 1.0	0.55 1.0 0.0	55.2 10.1 -63.5	64.3 279 0.125 0.0 1.0	
307.6	285.0	286.0	0.25 0.0 1.0	32.6 76.8 -99.7	126.0 307.6	0.0 0.5 1.0	51.8 18.3 -68.2	70.7 285	0.25 0.0 1.0	0.488 1.0 0.0	51.0 20.0 -69.7	72.6 286 0.25 0.0 1.0	
309.2	292.5	293.1	0.375 0.0 1.0	35.2 78.0 -95.4	123.3 309.2	0.0 0.399 1.0	45.4 33.6 -79.0	86.0 293	0.375 0.0 1.0	0.399 1.0 0.0	45.4 33.6 -79.0	86.0 293 0.375 0.0 1.0	
311.7	300.0	302.0	0.5 0.0 1.0	38.6 79.9 -89.6	120.1 311.7	0.0 0.274 1.0	38.4 52.2 -90.4	104.5 300	0.5 0.0 1.0	0.274 1.0 0.0	38.4 52.2 -90.4	104.5 300 0.5 0.0 1.0	
314.9	307.5	307.3	0.625 0.0 1.0	42.7 82.5 -82.7	116.9 314.9	0.282 0.0 1.0	33.2 77.2 -98.6	125.3 308	0.625 0.0 1.0	0.172 0.0 1.0	31.6 76.5 -101.4	127.1 307 0.625 0.0 1.0	
318.8	315.0	314.4	0.75 0.0 1.0	47.3 85.9 -75.0	114.1 318.8	0.628 0.0 1.0	42.8 82.6 -82.5	116.8 315	0.75 0.0 1.0	0.59 0.0 1.0	41.6 81.8 -84.6	117.8 314 0.75 0.0 1.0	
323.3	322.5	321.5	0.875 0.0 1.0	52.2 89.9 -66.8	112.1 323.3	0.866 0.0 1.0	51.8 89.6 -67.4	112.2 323	0.875 0.0 1.0	0.81 0.0 1.0	49.7 87.9 -71.1	113.1 321 0.875 0.0 1.0	
328.2	330.0	328.6	1.0 0.0 0.0	57.3 94.4 -58.3	111.0 328.2	1.0 0.0 0.962	56.8 93.4 -53.8	107.8 330	1.0 0.0 0.0	0.984 57.1 93.9	-56.4 109.6 329	1.0 0.0 0.0	
334.1	337.5	335.7	1.0 0.0 0.875	55.6 90.3 -43.8	100.4 334.1	1.0 0.0 0.811	54.9 88.8 -35.8	95.8 338	1.0 0.0 0.875	0.843 55.3 89.6	-39.8 98.1 336	1.0 0.0 0.875	
341.7	345.0	342.8	1.0 0.0 0.75	54.2 86.7 -28.6	91.4 341.7	1.0 0.0 0.707	53.8 86.0 -23.0	89.1 345	1.0 0.0 0.75	1.0 0.0 0.733	54.1 86.5 -26.3	90.5 343 1.0 0.0 0.75	
351.4	352.5	349.9	1.0 0.0 0.625	53.0 83.7 -12.5	84.6 351.4	1.0 0.0 0.608	52.9 83.5 -10.2	84.2 353	1.0 0.0 0.625	1.0 0.0 0.643	53.2 84.3 -14.8	85.6 350 1.0 0.0 0.625	
362.9	360.0	357.0	1.0 0.0 0.5	52.1 81.2 4.2	81.3 362.9	1.0 0.0 0.532	52.3 82.1 0.0	82.1 0	1.0 0.0 0.5	1.0 0.0 0.564	52.6 82.9 -4.2	83.0 357 1.0 0.0 0.5	
375.3	367.5	364.2	1.0 0.0 0.375	51.4 79.3 21.7	82.2 375.3	1.0 0.0 0.449	51.8 80.9 11.4	81.6 8	1.0 0.0 0.375	1.0 0.0 0.489	52.0 81.2 5.7	81.4 4 1.0 0.0 0.375	
386.7	375.0	371.3	1.0 0.0 0.25	50.9 78.0 39.2	87.3 386.7	1.0 0.0 0.378	51.4 79.4 21.3	82.2 15	1.0 0.0 0.25	1.0 0.0 0.418	51.6 80.4 15.6	81.9 11 1.0 0.0 0.25	
395.4	382.5	378.4	1.0 0.0 0.125	50.6 77.2 55.0	94.8 395.4	1.0 0.0 0.291	51.0 78.8 33.5	85.6 23	1.0 0.0 0.125	1.0 0.0 0.345	51.2 79.3 25.8	83.4 18 1.0 0.0 0.125	
400.0	390.0	385.5	1.0 0.0 0.0	50.5 76.9 64.6	100.4 400.0	1.0 0.0 0.203	50.8 78.0 45.1	90.1 30	1.0 0.0 0.0	1.0 0.0 0.269	50.9 78.4 36.6	86.5 25 1.0 0.0 0.0	

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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: $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$													
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
40	30	25	1.0 0.0 0.0	50.5 76.9 64.6	100.4 40 $R_d$	1.0 0.0 0.203	50.8 78.0 45.1	90.1 30	1.0 0.0 0.0 $R_s$	1.0 0.0 0.269	50.9 78.4 36.6	86.5 25	1.0 0.0 0.0 $R_e$
41	31	27	1.0 0.095 0.0	51.3 74.6 64.9	98.9 41	1.0 0.0 0.189	50.7 78.0 46.9	91.0 31	1.0 0.017 0.0	1.0 0.0 0.246	50.9 78.0 39.7	87.5 27	1.0 0.017 0.0
42	32	28	1.0 0.151 0.0	52.1 72.4 65.2	97.5 42	1.0 0.0 0.174	50.7 77.9 48.7	91.8 32	1.0 0.033 0.0	1.0 0.0 0.231	50.8 78.1 41.5	88.4 28	1.0 0.033 0.0
43	33	29	1.0 0.188 0.0	52.8 70.3 65.5	96.1 43	1.0 0.0 0.16	50.7 77.7 50.5	92.7 33	1.0 0.05 0.0	1.0 0.0 0.217	50.8 78.1 43.3	89.3 29	1.0 0.05 0.0
44	34	30	1.0 0.225 0.0	53.6 68.2 65.8	94.8 44	1.0 0.0 0.146	50.6 77.6 52.3	93.6 34	1.0 0.067 0.0	1.0 0.0 0.203	50.8 78.0 45.1	90.1 30	1.0 0.067 0.0
45	35	31	1.0 0.256 0.0	54.3 66.1 66.1	93.5 45	1.0 0.0 0.131	50.6 77.3 54.2	94.4 35	1.0 0.083 0.0	1.0 0.0 0.189	50.7 78.0 46.9	91.0 31	1.0 0.083 0.0
46	36	32	1.0 0.277 0.0	55.0 64.3 66.6	92.5 46	1.0 0.0 0.11	50.6 77.3 56.1	95.5 36	1.0 0.1 0.0	1.0 0.0 0.174	50.7 77.9 48.7	91.8 32	1.0 0.1 0.0
47	37	33	1.0 0.297 0.0	55.6 62.4 66.9	91.5 47	1.0 0.0 0.082	50.6 77.2 58.2	96.7 37	1.0 0.117 0.0	1.0 0.0 0.16	50.7 77.7 50.5	92.7 33	1.0 0.117 0.0
48	38	34	1.0 0.318 0.0	56.3 60.6 67.3	90.5 48	1.0 0.0 0.055	50.5 77.2 60.3	98.0 38	1.0 0.133 0.0	1.0 0.0 0.146	50.6 77.6 52.3	93.6 34	1.0 0.133 0.0
49	39	36	1.0 0.338 0.0	57.0 58.7 67.6	89.5 49	1.0 0.0 0.028	50.5 77.1 62.4	99.2 39	1.0 0.15 0.0	1.0 0.0 0.11	50.6 77.3 56.1	95.5 36	1.0 0.15 0.0
50	40	37	1.0 0.359 0.0	57.7 56.9 67.8	88.5 50	1.0 0.0 0.0	50.5 76.9 64.6	100.4 40	1.0 0.167 0.0	1.0 0.0 0.082	50.6 77.2 58.2	96.7 37	1.0 0.167 0.0
51	41	38	1.0 0.378 0.0	58.3 55.1 68.1	87.6 51	1.0 0.095 0.0	51.3 74.6 64.9	98.9 41	1.0 0.183 0.0	1.0 0.0 0.055	50.5 77.2 60.3	98.0 38	1.0 0.183 0.0
52	42	39	1.0 0.392 0.0	58.9 53.6 68.6	87.0 52	1.0 0.151 0.0	52.1 72.4 65.2	97.5 42	1.0 0.2 0.0	1.0 0.0 0.028	50.5 77.1 62.4	99.2 39	1.0 0.2 0.0
53	43	40	1.0 0.406 0.0	59.6 52.0 69.0	86.4 53	1.0 0.188 0.0	52.8 70.3 65.5	96.1 43	1.0 0.217 0.0	1.0 0.0 0.0	50.5 76.9 64.6	100.4 40	1.0 0.217 0.0
54	44	41	1.0 0.42 0.0	60.2 50.4 69.4	85.8 54	1.0 0.225 0.0	53.6 68.2 65.8	94.8 44	1.0 0.233 0.0	1.0 0.095 0.0	51.3 74.6 64.9	98.9 41	1.0 0.233 0.0
55	45	42	1.0 0.433 0.0	60.8 48.8 69.8	85.2 55	1.0 0.256 0.0	54.3 66.1 66.1	93.5 45	1.0 0.25 0.0	1.0 0.151 0.0	52.1 72.4 65.2	97.5 42	1.0 0.25 0.0
56	46	43	1.0 0.447 0.0	61.4 47.3 70.1	84.5 56	1.0 0.277 0.0	55.0 64.3 66.6	92.5 46	1.0 0.267 0.0	1.0 0.188 0.0	52.8 70.3 65.5	96.1 43	1.0 0.267 0.0
57	47	44	1.0 0.461 0.0	62.0 45.7 70.4	83.9 57	1.0 0.297 0.0	55.6 62.4 66.9	91.5 47	1.0 0.283 0.0	1.0 0.225 0.0	53.6 68.2 65.8	94.8 44	1.0 0.283 0.0
58	48	46	1.0 0.475 0.0	62.6 44.1 70.7	83.3 58	1.0 0.318 0.0	56.3 60.6 67.3	90.5 48	1.0 0.3 0.0	1.0 0.277 0.0	55.0 64.3 66.6	92.5 46	1.0 0.3 0.0
59	49	47	1.0 0.489 0.0	63.2 42.6 70.9	82.7 59	1.0 0.338 0.0	57.0 58.7 67.6	89.5 49	1.0 0.317 0.0	1.0 0.297 0.0	55.6 62.4 66.9	91.5 47	1.0 0.317 0.0
60	50	48	1.0 0.502 0.0	63.8 41.1 71.2	82.2 60	1.0 0.359 0.0	57.7 56.9 67.8	88.5 50	1.0 0.333 0.0	1.0 0.318 0.0	56.3 60.6 67.3	90.5 48	1.0 0.333 0.0
61	51	49	1.0 0.513 0.0	64.4 39.7 71.6	81.9 61	1.0 0.378 0.0	58.3 55.1 68.1	87.6 51	1.0 0.35 0.0	1.0 0.338 0.0	57.0 58.7 67.6	89.5 49	1.0 0.35 0.0
62	52	50	1.0 0.525 0.0	64.9 38.3 72.1	81.7 62	1.0 0.392 0.0	58.9 53.6 68.6	87.0 52	1.0 0.367 0.0	1.0 0.359 0.0	57.7 56.9 67.8	88.5 50	1.0 0.367 0.0
63	53	51	1.0 0.536 0.0	65.5 37.0 72.5	81.4 63	1.0 0.406 0.0	59.6 52.0 69.0	86.4 53	1.0 0.383 0.0	1.0 0.378 0.0	58.3 55.1 68.1	87.6 51	1.0 0.383 0.0
64	54	52	1.0 0.547 0.0	66.1 35.6 72.9	81.1 64	1.0 0.42 0.0	60.2 50.4 69.4	85.8 54	1.0 0.4 0.0	1.0 0.392 0.0	58.9 53.6 68.6	87.0 52	1.0 0.4 0.0
65	55	53	1.0 0.558 0.0	66.7 34.2 73.3	80.9 65	1.0 0.433 0.0	60.8 48.8 69.8	85.2 55	1.0 0.417 0.0	1.0 0.406 0.0	59.6 52.0 69.0	86.4 53	1.0 0.417 0.0
66	56	54	1.0 0.569 0.0	67.2 32.8 73.7	80.6 66	1.0 0.447 0.0	61.4 47.3 70.1	84.5 56	1.0 0.433 0.0	1.0 0.42 0.0	60.2 50.4 69.4	85.8 54	1.0 0.433 0.0
67	57	56	1.0 0.58 0.0	67.8 31.4 74.0	80.4 67	1.0 0.461 0.0	62.0 45.7 70.4	83.9 57	1.0 0.45 0.0	1.0 0.447 0.0	61.4 47.3 70.1	84.5 56	1.0 0.45 0.0
68	58	57	1.0 0.591 0.0	68.4 30.0 74.3	80.1 68	1.0 0.475 0.0	62.6 44.1 70.7	83.3 58	1.0 0.467 0.0	1.0 0.461 0.0	62.0 45.7 70.4	83.9 57	1.0 0.467 0.0
69	59	58	1.0 0.602 0.0	69.0 28.6 74.6	79.9 69	1.0 0.489 0.0	63.2 42.6 70.9	82.7 59	1.0 0.483 0.0	1.0 0.475 0.0	62.6 44.1 70.7	83.3 58	1.0 0.483 0.0
70	60	59	1.0 0.614 0.0	69.5 27.2 74.8	79.6 70	1.0 0.502 0.0	63.8 41.1 71.2	82.2 60	1.0 0.5 0.0	1.0 0.489 0.0	63.2 42.6 70.9	82.7 59	1.0 0.5 0.0
71	61	60	1.0 0.625 0.0	70.1 25.8 75.0	79.4 71	1.0 0.513 0.0	64.4 39.7 71.6	81.9 61	1.0 0.517 0.0	1.0 0.502 0.0	63.8 41.1 71.2	82.2 60	1.0 0.517 0.0
72	62	61	1.0 0.635 0.0	70.7 24.5 75.6	79.4 72	1.0 0.525 0.0	64.9 38.3 72.1	81.7 62	1.0 0.533 0.0	1.0 0.513 0.0	64.4 39.7 71.6	81.9 61	1.0 0.533 0.0
73	63	62	1.0 0.646 0.0	71.3 23.3 76.1	79.5 73	1.0 0.536 0.0	65.5 37.0 72.5	81.4 63	1.0 0.55 0.0	1.0 0.525 0.0	64.9 38.3 72.1	81.7 62	1.0 0.55 0.0
74	64	63	1.0 0.656 0.0	71.9 21.9 76.5	79.6 74	1.0 0.547 0.0	66.1 35.6 72.9	81.1 64	1.0 0.567 0.0	1.0 0.536 0.0	65.5 37.0 72.5	81.4 63	1.0 0.567 0.0
75	65	64	1.0 0.667 0.0	72.5 20.6 77.0	79.7 75	1.0 0.558 0.0	66.7 34.2 73.3	80.9 65	1.0 0.583 0.0	1.0 0.547 0.0	66.1 35.6 72.9	81.1 64	1.0 0.583 0.0
76	66	66	1.0 0.677 0.0	73.1 19.3 77.4	79.8 76	1.0 0.569 0.0	67.2 32.8 73.7	80.6 66	1.0 0.6 0.0	1.0 0.569 0.0	67.2 32.8 73.7	80.6 66	1.0 0.6 0.0
77	67	67	1.0 0.688 0.0	73.7 18.0 77.8	79.9 77	1.0 0.58 0.0	67.8 31.4 74.0	80.4 67	1.0 0.617 0.0	1.0 0.58 0.0	67.8 31.4 74.0	80.4 67	1.0 0.617 0.0
78	68	68	1.0 0.698 0.0	74.3 16.6 78.2	80.0 78	1.0 0.591 0.0	68.4 30.0 74.3	80.1 68	1.0 0.633 0.0	1.0 0.591 0.0	68.4 30.0 74.3	80.1 68	1.0 0.633 0.0
79	69	69	1.0 0.708 0.0	74.9 15.3 78.6	80.1 79	1.0 0.602 0.0	69.0 28.6 74.6	79.9 69	1.0 0.65 0.0	1.0 0.602 0.0	69.0 28.6 74.6	79.9 69	1.0 0.65 0.0
80	70	70	1.0 0.719 0.0	75.5 13.9 78.9	80.1 80	1.0 0.614 0.0	69.5 27.2 74.8	79.6 70	1.0 0.667 0.0	1.0 0.614 0.0	69.5 27.2 74.8	79.6 70	1.0 0.667 0.0
81	71	71	1.0 0.729 0.0	76.1 12.6 79.2	80.2 81	1.0 0.625 0.0	70.1 25.8 75.0	79.4 71	1.0 0.683 0.0	1.0 0.625 0.0	70.1 25.8 75.0	79.4 71	1.0 0.683 0.0
82	72	72	1.0 0.74 0.0	76.7 11.2 79.5	80.3 82	1.0 0.635 0.0	70.7 24.5 75.6	79.4 72	1.0 0.7 0.0	1.0 0.635 0.0	70.7 24.5 75.6	79.4 72	1.0 0.7 0.0
83	73	73	1.0 0.75 0.0	77.3 9.8 79.8	80.4 83	1.0 0.646 0.0	71.3 23.3 76.1	79.5 73	1.0 0.717 0.0	1.0 0.646 0.0	71.3 23.3 76.1	79.5 73	1.0 0.717 0.0
84	74	74	1.0 0.762 0.0	78.0 8.5 80.4	80.9 84	1.0 0.656 0.0	71.9 21.9 76.5	79.6 74	1.0 0.733 0.0	1.0 0.656 0.0	71.9 21.9 76.5	79.6 74	1.0 0.733 0.0
85	75	76	1.0 0.773 0.0	78.7 7.1 81.0	81.3 85	1.0 0.667 0.0	72.5 20.6 77.0	79.7 75	1.0 0.75 0.0	1.0 0.677 0.0	73.1 19.3 77.4	79.8 76	1.0 0.75 0.0

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
85	75	76	1.0 0.773 0.0	78.7 7.1 81.0 81.3 85	1.0 0.667 0.0	72.5 20.6 77.0 79.7 75	1.0 0.75 0.0	1.0 0.677 0.0	73.1 19.3 77.4 79.8 76	1.0 0.75 0.0		
86	76	77	1.0 0.785 0.0	79.3 5.7 81.6 81.8 86	1.0 0.677 0.0	73.1 19.3 77.4 79.8 76	1.0 0.767 0.0	1.0 0.688 0.0	73.7 18.0 77.8 79.9 77	1.0 0.767 0.0		
87	77	78	1.0 0.796 0.0	80.0 4.3 82.1 82.2 87	1.0 0.688 0.0	73.7 18.0 77.8 79.9 77	1.0 0.783 0.0	1.0 0.698 0.0	74.3 16.6 78.2 80.0 78	1.0 0.783 0.0		
88	78	79	1.0 0.808 0.0	80.7 2.9 82.6 82.7 88	1.0 0.698 0.0	74.3 16.6 78.2 80.0 78	1.0 0.8 0.0	1.0 0.708 0.0	74.9 15.3 78.6 80.1 79	1.0 0.8 0.0		
89	79	80	1.0 0.819 0.0	81.4 1.5 83.1 83.1 89	1.0 0.708 0.0	74.9 15.3 78.6 80.1 79	1.0 0.817 0.0	1.0 0.719 0.0	75.5 13.9 78.9 80.1 80	1.0 0.817 0.0		
90	80	81	1.0 0.831 0.0	82.1 0.0 83.5 83.5 90	1.0 0.719 0.0	75.5 13.9 78.9 80.1 80	1.0 0.833 0.0	1.0 0.729 0.0	76.1 12.6 79.2 80.2 81	1.0 0.833 0.0		
91	81	82	1.0 0.842 0.0	82.8 -1.4 84.0 84.0 91	1.0 0.729 0.0	76.1 12.6 79.2 80.2 81	1.0 0.85 0.0	1.0 0.74 0.0	76.7 11.2 79.5 80.3 82	1.0 0.85 0.0		
92	82	83	1.0 0.853 0.0	83.5 -2.8 84.4 84.4 92	1.0 0.74 0.0	76.7 11.2 79.5 80.3 82	1.0 0.867 0.0	1.0 0.75 0.0	77.3 9.8 79.8 80.4 83	1.0 0.867 0.0		
93	83	85	1.0 0.865 0.0	84.2 -4.3 84.8 84.9 93	1.0 0.75 0.0	77.3 9.8 79.8 80.4 83	1.0 0.883 0.0	1.0 0.773 0.0	78.7 7.1 81.0 81.3 85	1.0 0.883 0.0		
94	84	86	1.0 0.877 0.0	84.9 -5.9 85.2 85.4 94	1.0 0.762 0.0	78.0 8.5 80.4 80.9 84	1.0 0.9 0.0	1.0 0.785 0.0	79.3 5.7 81.6 81.8 86	1.0 0.9 0.0		
95	85	87	1.0 0.891 0.0	85.8 -7.4 85.9 86.3 95	1.0 0.773 0.0	78.7 7.1 81.0 81.3 85	1.0 0.917 0.0	1.0 0.796 0.0	80.0 4.3 82.1 82.2 87	1.0 0.917 0.0		
96	86	88	1.0 0.904 0.0	86.7 -9.0 86.6 87.1 96	1.0 0.785 0.0	79.3 5.7 81.6 81.8 86	1.0 0.933 0.0	1.0 0.808 0.0	80.7 2.9 82.6 82.7 88	1.0 0.933 0.0		
97	87	89	1.0 0.918 0.0	87.5 -10.6 87.3 88.0 97	1.0 0.796 0.0	80.0 4.3 82.1 82.2 87	1.0 0.95 0.0	1.0 0.819 0.0	81.4 1.5 83.1 83.1 89	1.0 0.95 0.0		
98	88	90	1.0 0.932 0.0	88.4 -12.3 88.0 88.9 98	1.0 0.808 0.0	80.7 2.9 82.6 82.7 88	1.0 0.967 0.0	1.0 0.831 0.0	82.1 0.0 83.5 83.5 90	1.0 0.967 0.0		
99	89	91	1.0 0.946 0.0	89.3 -13.9 88.6 89.7 99	1.0 0.819 0.0	81.4 1.5 83.1 83.1 89	1.0 0.983 0.0	1.0 0.842 0.0	82.8 -1.4 84.0 84.0 91	1.0 0.983 0.0		
100	90	92	1.0 0.96 0.0	90.2 -15.6 89.2 90.6 100	1.0 0.831 0.0	82.1 0.0 83.5 83.5 90	1.0 1.0 0.0 $J_s$	1.0 0.853 0.0	83.5 -2.8 84.4 84.4 92	1.0 1.0 0.0 $J_e$		
101	91	93	1.0 0.974 0.0	91.0 -17.4 89.8 91.5 101	1.0 0.842 0.0	82.8 -1.4 84.0 84.0 91	1.0 0.983 1.0 0.0	1.0 0.865 0.0	84.2 -4.3 84.8 84.9 93	1.0 0.983 1.0 0.0		
102	92	95	1.0 0.988 0.0	91.9 -19.1 90.3 92.3 102	1.0 0.853 0.0	83.5 -2.8 84.4 84.4 92	1.0 0.967 1.0 0.0	1.0 0.891 0.0	85.8 -7.4 85.9 86.3 95	1.0 0.967 1.0 0.0		
103	93	96	0.998 1.0 0.0	92.6 -20.8 90.7 93.1 103	1.0 0.865 0.0	84.2 -4.3 84.8 84.9 93	0.95 1.0 0.0	1.0 0.904 0.0	86.7 -9.0 86.6 87.1 96	0.95 1.0 0.0		
104	94	97	0.981 1.0 0.0	92.3 -22.5 90.5 93.2 104	1.0 0.877 0.0	84.9 -5.9 85.2 85.4 94	0.933 1.0 0.0	1.0 0.918 0.0	87.5 -10.6 87.3 88.0 97	0.933 1.0 0.0		
105	95	98	0.965 1.0 0.0	92.0 -24.1 90.2 93.4 105	1.0 0.891 0.0	85.8 -7.4 85.9 86.3 95	0.917 1.0 0.0	1.0 0.932 0.0	88.4 -12.3 88.0 88.9 98	0.917 1.0 0.0		
106	96	99	0.949 1.0 0.0	91.8 -25.7 89.9 93.5 106	1.0 0.904 0.0	86.7 -9.0 86.6 87.1 96	0.9 1.0 0.0	1.0 0.946 0.0	89.3 -13.9 88.6 89.7 99	0.9 1.0 0.0		
107	97	100	0.933 1.0 0.0	91.5 -27.3 89.6 93.6 107	1.0 0.918 0.0	87.5 -10.6 87.3 88.0 97	0.883 1.0 0.0	1.0 0.96 0.0	90.2 -15.6 89.2 90.6 100	0.883 1.0 0.0		
108	98	102	0.917 1.0 0.0	91.2 -28.9 89.2 93.8 108	1.0 0.932 0.0	88.4 -12.3 88.0 88.9 98	0.867 1.0 0.0	1.0 0.988 0.0	91.9 -19.1 90.3 92.3 102	0.867 1.0 0.0		
109	99	103	0.901 1.0 0.0	90.9 -30.5 88.8 93.9 109	1.0 0.946 0.0	89.3 -13.9 88.6 89.7 99	0.85 1.0 0.0	0.998 1.0 0.0	92.6 -20.8 90.7 93.1 103	0.85 1.0 0.0		
110	100	104	0.884 1.0 0.0	90.6 -32.1 88.4 94.1 110	1.0 0.96 0.0	90.2 -15.6 89.2 90.6 100	0.833 1.0 0.0	0.981 1.0 0.0	92.3 -22.5 90.5 93.2 104	0.833 1.0 0.0		
111	101	105	0.868 1.0 0.0	90.3 -33.7 88.0 94.3 111	1.0 0.974 0.0	91.0 -17.4 89.8 91.5 101	0.817 1.0 0.0	0.965 1.0 0.0	92.0 -24.1 90.2 93.4 105	0.817 1.0 0.0		
112	102	106	0.85 1.0 0.0	90.1 -35.4 87.8 94.7 112	1.0 0.988 0.0	91.9 -19.1 90.3 92.3 102	0.8 1.0 0.0	0.949 1.0 0.0	91.8 -25.7 89.9 93.5 106	0.8 1.0 0.0		
113	103	107	0.832 1.0 0.0	89.8 -37.1 87.5 95.1 113	0.998 1.0 0.0	92.6 -20.8 90.7 93.1 103	0.783 1.0 0.0	0.933 1.0 0.0	91.5 -27.3 89.6 93.6 107	0.783 1.0 0.0		
114	104	109	0.814 1.0 0.0	89.5 -38.7 87.2 95.5 114	0.981 1.0 0.0	92.3 -22.5 90.5 93.2 104	0.767 1.0 0.0	0.901 1.0 0.0	90.9 -30.5 88.8 93.9 109	0.767 1.0 0.0		
115	105	110	0.797 1.0 0.0	89.3 -40.4 86.9 95.9 115	0.965 1.0 0.0	92.0 -24.1 90.2 93.4 105	0.75 1.0 0.0	0.884 1.0 0.0	90.6 -32.1 88.4 94.1 110	0.75 1.0 0.0		
116	106	111	0.779 1.0 0.0	89.0 -42.1 86.5 96.3 116	0.949 1.0 0.0	91.8 -25.7 89.9 93.5 106	0.733 1.0 0.0	0.868 1.0 0.0	90.3 -33.7 88.0 94.3 111	0.733 1.0 0.0		
117	107	112	0.761 1.0 0.0	88.7 -43.8 86.1 96.6 117	0.933 1.0 0.0	91.5 -27.3 89.6 93.6 107	0.717 1.0 0.0	0.85 1.0 0.0	90.1 -35.4 87.8 94.7 112	0.717 1.0 0.0		
118	108	113	0.742 1.0 0.0	88.4 -45.5 85.8 97.1 118	0.917 1.0 0.0	91.2 -28.9 89.2 93.8 108	0.7 1.0 0.0	0.832 1.0 0.0	89.8 -37.1 87.5 95.1 113	0.7 1.0 0.0		
119	109	114	0.721 1.0 0.0	88.2 -47.3 85.5 97.8 119	0.901 1.0 0.0	90.9 -30.5 88.8 93.9 109	0.683 1.0 0.0	0.814 1.0 0.0	89.5 -38.7 87.2 95.5 114	0.683 1.0 0.0		
120	110	116	0.7 1.0 0.0	87.9 -49.1 85.3 98.4 120	0.884 1.0 0.0	90.6 -32.1 88.4 94.1 110	0.667 1.0 0.0	0.779 1.0 0.0	89.0 -42.1 86.5 96.3 116	0.667 1.0 0.0		
121	111	117	0.68 1.0 0.0	87.7 -50.9 84.9 99.1 121	0.868 1.0 0.0	90.3 -33.7 88.0 94.3 111	0.65 1.0 0.0	0.761 1.0 0.0	88.7 -43.8 86.1 96.6 117	0.65 1.0 0.0		
122	112	118	0.659 1.0 0.0	87.4 -52.8 84.6 99.7 122	0.85 1.0 0.0	90.1 -35.4 87.8 94.7 112	0.633 1.0 0.0	0.742 1.0 0.0	88.4 -45.5 85.8 97.1 118	0.633 1.0 0.0		
123	113	119	0.638 1.0 0.0	87.1 -54.6 84.2 100.4 123	0.832 1.0 0.0	89.8 -37.1 87.5 95.1 113	0.617 1.0 0.0	0.721 1.0 0.0	88.2 -47.3 85.5 97.8 119	0.617 1.0 0.0		
124	114	120	0.615 1.0 0.0	86.9 -56.5 83.9 101.1 124	0.814 1.0 0.0	89.5 -38.7 87.2 95.5 114	0.6 1.0 0.0	0.7 1.0 0.0	87.9 -49.1 85.3 98.4 120	0.6 1.0 0.0		
125	115	121	0.589 1.0 0.0	86.6 -58.4 83.6 102.1 125	0.797 1.0 0.0	89.3 -40.4 86.9 95.9 115	0.583 1.0 0.0	0.68 1.0 0.0	87.7 -50.9 84.9 99.1 121	0.583 1.0 0.0		
126	116	123	0.562 1.0 0.0	86.3 -60.4 83.3 103.0 126	0.779 1.0 0.0	89.0 -42.1 86.5 96.3 116	0.567 1.0 0.0	0.638 1.0 0.0	87.1 -54.6 84.2 100.4 123	0.567 1.0 0.0		
127	117	124	0.536 1.0 0.0	86.1 -62.4 83.0 103.9 127	0.761 1.0 0.0	88.7 -43.8 86.1 96.6 117	0.55 1.0 0.0	0.615 1.0 0.0	86.9 -56.5 83.9 101.1 124	0.55 1.0 0.0		
128	118	125	0.51 1.0 0.0	85.8 -64.4 82.6 104.8 128	0.742 1.0 0.0	88.4 -45.5 85.8 97.1 118	0.533 1.0 0.0	0.589 1.0 0.0	86.6 -58.4 83.6 102.1 125	0.533 1.0 0.0		
129	119	126	0.477 1.0 0.0	85.5 -66.5 82.3 105.8 129	0.721 1.0 0.0	88.2 -47.3 85.5 97.8 119	0.517 1.0 0.0	0.562 1.0 0.0	86.3 -60.4 83.3 103.0 126	0.517 1.0 0.0		
130	120	127	0.442 1.0 0.0	85.3 -68.7 82.0 107.0 130	0.7 1.0 0.0	87.9 -49.1 85.3 98.4 120	0.5 1.0 0.0	0.536 1.0 0.0	86.1 -62.4 83.0 103.9 127	0.5 1.0 0.0		

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
130	120	127	0.442 1.0 0.0	85.3 -68.7 82.0 107.0 130	0.7 1.0 0.0	87.9 -49.1 85.3 98.4 120	0.5 1.0 0.0	0.536 1.0 0.0	86.1 -62.4 83.0 103.9 127	0.5 1.0 0.0	0.0	0.0
131	121	128	0.406 1.0 0.0	85.0 -70.9 81.6 108.1 131	0.68 1.0 0.0	87.7 -50.9 84.9 99.1 121	0.483 1.0 0.0	0.51 1.0 0.0	85.8 -64.4 82.6 104.8 128	0.483 1.0 0.0	0.0	0.0
132	122	130	0.368 1.0 0.0	84.7 -73.1 81.2 109.3 132	0.659 1.0 0.0	87.4 -52.8 84.6 99.7 122	0.467 1.0 0.0	0.442 1.0 0.0	85.3 -68.7 82.0 107.0 130	0.467 1.0 0.0	0.0	0.0
133	123	131	0.314 1.0 0.0	84.5 -75.4 80.9 110.7 133	0.638 1.0 0.0	87.1 -54.6 84.2 100.4 123	0.45 1.0 0.0	0.406 1.0 0.0	85.0 -70.9 81.6 108.1 131	0.45 1.0 0.0	0.0	0.0
134	124	132	0.261 1.0 0.0	84.2 -77.7 80.6 112.0 134	0.615 1.0 0.0	86.9 -56.5 83.9 101.1 124	0.433 1.0 0.0	0.368 1.0 0.0	84.7 -73.1 81.2 109.3 132	0.433 1.0 0.0	0.0	0.0
135	125	133	0.173 1.0 0.0	83.9 -80.2 80.3 113.5 135	0.589 1.0 0.0	86.6 -58.4 83.6 102.1 125	0.417 1.0 0.0	0.314 1.0 0.0	84.5 -75.4 80.9 110.7 133	0.417 1.0 0.0	0.0	0.0
136	126	134	0.004 1.0 0.0	83.6 -82.6 79.9 115.0 136	0.562 1.0 0.0	86.3 -60.4 83.3 103.0 126	0.4 1.0 0.0	0.261 1.0 0.0	84.2 -77.7 80.6 112.0 134	0.4 1.0 0.0	0.0	0.0
137	127	135	0.0 1.0 0.125	83.7 -82.1 76.6 112.3 137	0.536 1.0 0.0	86.1 -62.4 83.0 103.9 127	0.383 1.0 0.0	0.173 1.0 0.0	83.9 -80.2 80.3 113.5 135	0.383 1.0 0.0	0.0	0.0
138	128	137	0.0 1.0 0.178	83.7 -81.4 73.4 109.7 138	0.51 1.0 0.0	85.8 -64.4 82.6 104.8 128	0.367 1.0 0.0	0.0 1.0	0.125 83.7 -82.1 76.6 112.3 137	0.367 1.0 0.0	0.0	0.0
139	129	138	0.0 1.0 0.231	83.8 -80.7 70.3 107.1 139	0.477 1.0 0.0	85.5 -66.5 82.3 105.8 129	0.35 1.0 0.0	0.0 1.0	0.178 83.7 -81.4 73.4 109.7 138	0.35 1.0 0.0	0.0	0.0
140	130	139	0.0 1.0 0.271	83.8 -80.1 67.3 104.7 140	0.442 1.0 0.0	85.3 -68.7 82.0 107.0 130	0.333 1.0 0.0	0.0 1.0	0.231 83.8 -80.7 70.3 107.1 139	0.333 1.0 0.0	0.0	0.0
141	131	140	0.0 1.0 0.303	83.9 -79.4 64.4 102.3 141	0.406 1.0 0.0	85.0 -70.9 81.6 108.1 131	0.317 1.0 0.0	0.0 1.0	0.271 83.8 -80.1 67.3 104.7 140	0.317 1.0 0.0	0.0	0.0
142	132	141	0.0 1.0 0.335	83.9 -78.7 61.6 100.0 142	0.368 1.0 0.0	84.7 -73.1 81.2 109.3 132	0.3 1.0 0.0	0.0 1.0	0.303 83.9 -79.4 64.4 102.3 141	0.3 1.0 0.0	0.0	0.0
143	133	142	0.0 1.0 0.368	84.0 -77.9 58.8 97.7 143	0.314 1.0 0.0	84.5 -75.4 80.9 110.7 133	0.283 1.0 0.0	0.0 1.0	0.335 83.9 -78.7 61.6 100.0 142	0.283 1.0 0.0	0.0	0.0
144	134	144	0.0 1.0 0.393	84.1 -77.3 56.2 95.6 144	0.261 1.0 0.0	84.2 -77.7 80.6 112.0 134	0.267 1.0 0.0	0.0 1.0	0.393 84.1 -77.3 56.2 95.6 144	0.267 1.0 0.0	0.0	0.0
145	135	145	0.0 1.0 0.416	84.1 -76.6 53.7 93.6 145	0.173 1.0 0.0	83.9 -80.2 80.3 113.5 135	0.25 1.0 0.0	0.0 1.0	0.416 84.1 -76.6 53.7 93.6 145	0.25 1.0 0.0	0.0	0.0
146	136	146	0.0 1.0 0.439	84.2 -75.9 51.3 91.7 146	0.004 1.0 0.0	83.6 -82.6 79.9 115.0 136	0.233 1.0 0.0	0.0 1.0	0.439 84.2 -75.9 51.3 91.7 146	0.233 1.0 0.0	0.0	0.0
147	137	147	0.0 1.0 0.462	84.2 -75.1 48.8 89.7 147	0.0 1.0	0.125 83.7 -82.1 76.6 112.3 137	0.217 1.0 0.0	0.0 1.0	0.462 84.2 -75.1 48.8 89.7 147	0.217 1.0 0.0	0.0	0.0
148	138	148	0.0 1.0 0.485	84.3 -74.3 46.5 87.7 148	0.0 1.0	0.178 83.7 -81.4 73.4 109.7 138	0.2 1.0 0.0	0.0 1.0	0.485 84.3 -74.3 46.5 87.7 148	0.2 1.0 0.0	0.0	0.0
149	139	149	0.0 1.0 0.506	84.4 -73.5 44.2 85.9 149	0.0 1.0	0.231 83.8 -80.7 70.3 107.1 139	0.183 1.0 0.0	0.0 1.0	0.506 84.4 -73.5 44.2 85.9 149	0.183 1.0 0.0	0.0	0.0
150	140	151	0.0 1.0 0.523	84.4 -72.9 42.1 84.3 150	0.0 1.0	0.271 83.8 -80.1 67.3 104.7 140	0.167 1.0 0.0	0.0 1.0	0.541 84.5 -72.3 40.1 82.7 151	0.167 1.0 0.0	0.0	0.0
151	141	152	0.0 1.0 0.541	84.5 -72.3 40.1 82.7 151	0.0 1.0	0.303 83.9 -79.4 64.4 102.3 141	0.15 1.0 0.0	0.0 1.0	0.558 84.5 -71.6 38.1 81.2 152	0.15 1.0 0.0	0.0	0.0
152	142	153	0.0 1.0 0.558	84.5 -71.6 38.1 81.2 152	0.0 1.0	0.335 83.9 -78.7 61.6 100.0 142	0.133 1.0 0.0	0.0 1.0	0.575 84.6 -70.8 36.1 79.6 153	0.133 1.0 0.0	0.0	0.0
153	143	154	0.0 1.0 0.575	84.6 -70.8 36.1 79.6 153	0.0 1.0	0.368 84.0 -77.9 58.8 97.7 143	0.117 1.0 0.0	0.0 1.0	0.592 84.7 -70.0 34.2 78.0 154	0.117 1.0 0.0	0.0	0.0
154	144	155	0.0 1.0 0.592	84.7 -70.0 34.2 78.0 154	0.0 1.0	0.393 84.1 -77.3 56.2 95.6 144	0.1 1.0 0.0	0.0 1.0	0.61 84.7 -69.2 32.3 76.5 155	0.1 1.0 0.0	0.0	0.0
155	145	156	0.0 1.0 0.61	84.7 -69.2 32.3 76.5 155	0.0 1.0	0.416 84.1 -76.6 53.7 93.6 145	0.083 1.0 0.0	0.0 1.0	0.626 84.8 -68.4 30.5 74.9 156	0.083 1.0 0.0	0.0	0.0
156	146	158	0.0 1.0 0.626	84.8 -68.4 30.5 74.9 156	0.0 1.0	0.439 84.2 -75.9 51.3 91.7 146	0.067 1.0 0.0	0.0 1.0	0.652 84.9 -67.3 27.2 72.7 158	0.067 1.0 0.0	0.0	0.0
157	147	159	0.0 1.0 0.639	84.9 -67.8 28.8 73.8 157	0.0 1.0	0.462 84.2 -75.1 48.8 89.7 147	0.05 1.0 0.0	0.0 1.0	0.665 85.0 -66.7 25.6 71.6 159	0.05 1.0 0.0	0.0	0.0
158	148	160	0.0 1.0 0.652	84.9 -67.3 27.2 72.7 158	0.0 1.0	0.485 84.3 -74.3 46.5 87.7 148	0.033 1.0 0.0	0.0 1.0	0.678 85.0 -66.1 24.1 70.4 160	0.033 1.0 0.0	0.0	0.0
159	149	161	0.0 1.0 0.665	85.0 -66.7 25.6 71.6 159	0.0 1.0	0.506 84.4 -73.5 44.2 85.9 149	0.017 1.0 0.0	0.0 1.0	0.691 85.1 -65.4 22.6 69.3 161	0.017 1.0 0.0	0.0	0.0
160	150	162	0.0 1.0 0.678	85.0 -66.1 24.1 70.4 160	0.0 1.0	0.523 84.4 -72.9 42.1 84.3 150	0.0 1.0	0.0 1.0	0.703 85.1 -64.7 21.1 68.2 162	0.0 1.0	0.0	0.0
161	151	163	0.0 1.0 0.691	85.1 -65.4 22.6 69.3 161	0.0 1.0	0.541 84.5 -72.3 40.1 82.7 151	0.0 1.0	0.0 1.0	0.716 85.2 -64.0 19.6 67.0 163	0.0 1.0	0.0	0.017
162	152	164	0.0 1.0 0.703	85.1 -64.7 21.1 68.2 162	0.0 1.0	0.558 84.5 -71.6 38.1 81.2 152	0.0 1.0	0.0 1.0	0.729 85.3 -63.3 18.2 65.9 164	0.0 1.0	0.0	0.033
163	153	165	0.0 1.0 0.716	85.2 -64.0 19.6 67.0 163	0.0 1.0	0.575 84.6 -70.8 36.1 79.6 153	0.0 1.0	0.0 1.0	0.742 85.3 -62.5 16.8 64.8 165	0.0 1.0	0.0	0.05
164	154	166	0.0 1.0 0.729	85.3 -63.3 18.2 65.9 164	0.0 1.0	0.592 84.7 -70.0 34.2 78.0 154	0.0 1.0	0.0 1.0	0.753 85.4 -61.8 15.4 63.8 166	0.0 1.0	0.0	0.067
165	155	167	0.0 1.0 0.742	85.3 -62.5 16.8 64.8 165	0.0 1.0	0.61 84.7 -69.2 32.3 76.5 155	0.0 1.0	0.0 1.0	0.763 85.4 -61.4 14.2 63.1 167	0.0 1.0	0.0	0.083
166	156	168	0.0 1.0 0.753	85.4 -61.8 15.4 63.8 166	0.0 1.0	0.626 84.8 -68.4 30.5 74.9 156	0.0 1.0	0.0 1.0	0.772 85.5 -60.9 13.0 62.4 168	0.0 1.0	0.0	0.1
167	157	169	0.0 1.0 0.763	85.4 -61.4 14.2 63.1 167	0.0 1.0	0.639 84.9 -67.8 28.8 73.8 157	0.0 1.0	0.0 1.0	0.782 85.5 -60.4 11.8 61.7 169	0.0 1.0	0.0	0.117
168	158	170	0.0 1.0 0.772	85.5 -60.9 13.0 62.4 168	0.0 1.0	0.652 84.9 -67.3 27.2 72.7 158	0.0 1.0	0.0 1.0	0.791 85.6 -59.9 10.6 60.9 170	0.0 1.0	0.0	0.133
169	159	170	0.0 1.0 0.782	85.5 -60.4 11.8 61.7 169	0.0 1.0	0.665 85.0 -66.7 25.6 71.6 159	0.0 1.0	0.0 1.0	0.791 85.6 -59.9 10.6 60.9 170	0.0 1.0	0.0	0.15
170	160	171	0.0 1.0 0.791	85.6 -59.9 10.6 60.9 170	0.0 1.0	0.678 85.0 -66.1 24.1 70.4 160	0.0 1.0	0.0 1.0	0.801 85.6 -59.4 9.4 60.2 171	0.0 1.0	0.0	0.167
171	161	172	0.0 1.0 0.801	85.6 -59.4 9.4 60.2 171	0.0 1.0	0.691 85.1 -65.4 22.6 69.3 161	0.0 1.0	0.0 1.0	0.81 85.7 -58.8 8.3 59.5 172	0.0 1.0	0.0	0.183
172	162	173	0.0 1.0 0.808	85.7 -58.8 8.3 59.5 172	0.0 1.0	0.703 85.1 -64.7 21.1 68.2 162	0.0 1.0	0.0 1.0	0.82 85.7 -58.2 7.2 58.8 173	0.0 1.0	0.0	0.2
173	163	174	0.0 1.0 0.82	85.7 -58.2 7.2 58.8 173	0.0 1.0	0.716 85.2 -64.0 19.6 67.0 163	0.0 1.0	0.0 1.0	0.829 85.8 -57.6 6.1 58.1 174	0.0 1.0	0.0	0.217
174	164	175	0.0 1.0 0.829	85.8 -57.6 6.1 58.1 174	0.0 1.0	0.729 85.3 -63.3 18.2 65.9 164	0.0 1.0	0.0 1.0	0.839 85.8 -57.0 5.0 57.3 175	0.0 1.0	0.0	0.233
175	165	176	0.0 1.0 0.839	85.8 -57.0 5.0 57.3 175	0.0 1.0	0.742 85.3 -62.5 16.8 64.8 165	0.0 1.0	0.0 1.0	0.848 85.9 -56.4 4.0 56.6 176	0.0 1.0	0.0	0.25

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
175	165	176	0.0 1.0	0.839 85.8 -57.0 5.0 57.3 175	0.0 1.0	0.742 85.3 -62.5 16.8 64.8 165	0.0 1.0	0.25	0.0 1.0	0.848 85.9 -56.4 4.0 56.6 176	0.0 1.0	0.25
176	166	177	0.0 1.0	0.848 85.9 -56.4 4.0 56.6 176	0.0 1.0	0.753 85.4 -61.8 15.4 63.8 166	0.0 1.0	0.267	0.0 1.0	0.857 86.0 -55.7 2.9 55.9 177	0.0 1.0	0.267
177	167	178	0.0 1.0	0.857 86.0 -55.7 2.9 55.9 177	0.0 1.0	0.763 85.4 -61.4 14.2 63.1 167	0.0 1.0	0.283	0.0 1.0	0.867 86.0 -55.1 1.9 55.2 178	0.0 1.0	0.283
178	168	179	0.0 1.0	0.867 86.0 -55.1 1.9 55.2 178	0.0 1.0	0.772 85.5 -60.9 13.0 62.4 168	0.0 1.0	0.3	0.0 1.0	0.876 86.1 -54.4 1.0 54.5 179	0.0 1.0	0.3
179	169	180	0.0 1.0	0.876 86.1 -54.4 1.0 54.5 179	0.0 1.0	0.782 85.5 -60.4 11.8 61.7 169	0.0 1.0	0.317	0.0 1.0	0.883 86.1 -54.1 0.0 54.2 180	0.0 1.0	0.317
180	170	180	0.0 1.0	0.883 86.1 -54.1 0.0 54.2 180	0.0 1.0	0.791 85.6 -59.9 10.6 60.9 170	0.0 1.0	0.333	0.0 1.0	0.883 86.1 -54.1 0.0 54.2 180	0.0 1.0	0.333
181	171	181	0.0 1.0	0.89 86.2 -53.7 -0.8 53.8 181	0.0 1.0	0.801 85.6 -59.4 9.4 60.2 171	0.0 1.0	0.35	0.0 1.0	0.89 86.2 -53.7 -0.8 53.8 181	0.0 1.0	0.35
182	172	182	0.0 1.0	0.897 86.2 -53.3 -1.8 53.4 182	0.0 1.0	0.81 85.7 -58.8 8.3 59.5 172	0.0 1.0	0.367	0.0 1.0	0.897 86.2 -53.3 -1.8 53.4 182	0.0 1.0	0.367
183	173	183	0.0 1.0	0.905 86.2 -52.9 -2.7 53.1 183	0.0 1.0	0.82 85.7 -58.2 7.2 58.8 173	0.0 1.0	0.383	0.0 1.0	0.905 86.2 -52.9 -2.7 53.1 183	0.0 1.0	0.383
184	174	184	0.0 1.0	0.912 86.3 -52.5 -3.6 52.7 184	0.0 1.0	0.829 85.8 -57.6 6.1 58.1 174	0.0 1.0	0.4	0.0 1.0	0.912 86.3 -52.5 -3.6 52.7 184	0.0 1.0	0.4
185	175	185	0.0 1.0	0.919 86.3 -52.0 -4.5 52.3 185	0.0 1.0	0.839 85.8 -57.0 5.0 57.3 175	0.0 1.0	0.417	0.0 1.0	0.919 86.3 -52.0 -4.5 52.3 185	0.0 1.0	0.417
186	176	186	0.0 1.0	0.926 86.4 -51.6 -5.3 52.0 186	0.0 1.0	0.848 85.9 -56.4 4.0 56.6 176	0.0 1.0	0.433	0.0 1.0	0.926 86.4 -51.6 -5.3 52.0 186	0.0 1.0	0.433
187	177	187	0.0 1.0	0.933 86.4 -51.1 -6.2 51.6 187	0.0 1.0	0.857 86.0 -55.7 2.9 55.9 177	0.0 1.0	0.45	0.0 1.0	0.933 86.4 -51.1 -6.2 51.6 187	0.0 1.0	0.45
188	178	188	0.0 1.0	0.94 86.5 -50.6 -7.0 51.2 188	0.0 1.0	0.867 86.0 -55.1 1.9 55.2 178	0.0 1.0	0.467	0.0 1.0	0.94 86.5 -50.6 -7.0 51.2 188	0.0 1.0	0.467
189	179	189	0.0 1.0	0.947 86.5 -50.1 -7.9 50.8 189	0.0 1.0	0.876 86.1 -54.4 1.0 54.5 179	0.0 1.0	0.483	0.0 1.0	0.947 86.5 -50.1 -7.9 50.8 189	0.0 1.0	0.483
190	180	190	0.0 1.0	0.955 86.6 -49.6 -8.7 50.5 190	0.0 1.0	0.883 86.1 -54.1 0.0 54.2 180	0.0 1.0	0.5	0.0 1.0	0.955 86.6 -49.6 -8.7 50.5 190	0.0 1.0	0.5
191	181	191	0.0 1.0	0.962 86.6 -49.1 -9.5 50.1 191	0.0 1.0	0.89 86.2 -53.7 -0.8 53.8 181	0.0 1.0	0.517	0.0 1.0	0.962 86.6 -49.1 -9.5 50.1 191	0.0 1.0	0.517
192	182	191	0.0 1.0	0.969 86.7 -48.6 -10.2 49.7 192	0.0 1.0	0.897 86.2 -53.3 -1.8 53.4 182	0.0 1.0	0.533	0.0 1.0	0.962 86.6 -49.1 -9.5 50.1 191	0.0 1.0	0.533
193	183	192	0.0 1.0	0.976 86.7 -48.0 -11.0 49.4 193	0.0 1.0	0.905 86.2 -52.9 -2.7 53.1 183	0.0 1.0	0.55	0.0 1.0	0.969 86.7 -48.6 -10.2 49.7 192	0.0 1.0	0.55
194	184	193	0.0 1.0	0.983 86.8 -47.5 -11.8 49.0 194	0.0 1.0	0.912 86.3 -52.5 -3.6 52.7 184	0.0 1.0	0.567	0.0 1.0	0.976 86.7 -48.0 -11.0 49.4 193	0.0 1.0	0.567
195	185	194	0.0 1.0	0.99 86.8 -46.9 -12.5 48.6 195	0.0 1.0	0.919 86.3 -52.0 -4.5 52.3 185	0.0 1.0	0.583	0.0 1.0	0.983 86.8 -47.5 -11.8 49.0 194	0.0 1.0	0.583
196	186	195	0.0 1.0	0.997 86.9 -46.3 -13.2 48.3 196	$C_d$ 0.0	0.926 86.4 -51.6 -5.3 52.0 186	0.0 1.0	0.6	0.0 1.0	0.99 86.8 -46.9 -12.5 48.6 195	0.0 1.0	0.6
197	187	196	0.0 0.997 1.0	86.6 -45.8 -13.9 48.0 197	0.0 1.0	0.933 86.4 -51.1 -6.2 51.6 187	0.0 1.0	0.617	0.0 1.0	0.997 86.9 -46.3 -13.2 48.3 196	0.0 1.0	0.617
198	188	197	0.0 0.991 1.0	86.3 -45.3 -14.6 47.7 198	0.0 1.0	0.94 86.5 -50.6 -7.0 51.2 188	0.0 1.0	0.633	0.0 1.0	0.997 1.0 86.6 -45.8 -13.9 48.0 197	0.0 1.0	0.633
199	189	198	0.0 0.986 1.0	85.9 -44.8 -15.4 47.5 199	0.0 1.0	0.947 86.5 -50.1 -7.9 50.8 189	0.0 1.0	0.65	0.0 1.0	0.991 1.0 86.3 -45.3 -14.6 47.7 198	0.0 1.0	0.65
200	190	199	0.0 0.981 1.0	85.5 -44.3 -16.0 47.2 200	0.0 1.0	0.955 86.6 -49.6 -8.7 50.5 190	0.0 1.0	0.667	0.0 1.0	0.986 1.0 85.9 -44.8 -15.4 47.5 199	0.0 1.0	0.667
201	191	200	0.0 0.975 1.0	85.1 -43.7 -16.7 47.0 201	0.0 1.0	0.962 86.6 -49.1 -9.5 50.1 191	0.0 1.0	0.683	0.0 1.0	0.981 1.0 85.5 -44.3 -16.0 47.2 200	0.0 1.0	0.683
202	192	201	0.0 0.97 1.0	84.7 -43.2 -17.4 46.7 202	0.0 1.0	0.969 86.7 -48.6 -10.2 49.7 192	0.0 1.0	0.7	0.0 1.0	0.975 1.0 85.1 -43.7 -16.7 47.0 201	0.0 1.0	0.7
203	193	201	0.0 0.965 1.0	84.4 -42.7 -18.0 46.4 203	0.0 1.0	0.976 86.7 -48.0 -11.0 49.4 193	0.0 1.0	0.717	0.0 1.0	0.975 1.0 85.1 -43.7 -16.7 47.0 201	0.0 1.0	0.717
204	194	202	0.0 0.959 1.0	84.0 -42.1 -18.7 46.2 204	0.0 1.0	0.983 86.8 -47.5 -11.8 49.0 194	0.0 1.0	0.733	0.0 1.0	0.97 1.0 84.7 -43.2 -17.4 46.7 202	0.0 1.0	0.733
205	195	203	0.0 0.954 1.0	83.6 -41.5 -19.3 45.9 205	0.0 1.0	0.99 86.8 -46.9 -12.5 48.6 195	0.0 1.0	0.75	0.0 1.0	0.965 1.0 84.4 -42.7 -18.0 46.4 203	0.0 1.0	0.75
206	196	204	0.0 0.949 1.0	83.2 -41.0 -19.9 45.7 206	0.0 1.0	0.997 86.9 -46.3 -13.2 48.3 196	0.0 1.0	0.767	0.0 1.0	0.959 1.0 84.0 -42.1 -18.7 46.2 204	0.0 1.0	0.767
207	197	205	0.0 0.943 1.0	82.9 -40.4 -20.5 45.4 207	0.0 1.0	0.997 1.0 86.6 -45.8 -13.9 48.0 197	0.0 1.0	0.783	0.0 1.0	0.954 1.0 83.6 -41.5 -19.3 45.9 205	0.0 1.0	0.783
208	198	206	0.0 0.938 1.0	82.5 -39.8 -21.1 45.2 208	0.0 1.0	0.991 1.0 86.3 -45.3 -14.6 47.7 198	0.0 1.0	0.8	0.0 1.0	0.949 1.0 83.2 -41.0 -19.9 45.7 206	0.0 1.0	0.8
209	199	207	0.0 0.933 1.0	82.1 -39.2 -21.7 44.9 209	0.0 1.0	0.986 1.0 85.9 -44.8 -15.4 47.5 199	0.0 1.0	0.817	0.0 1.0	0.943 1.0 82.9 -40.4 -20.5 45.4 207	0.0 1.0	0.817
210	200	208	0.0 0.927 1.0	81.7 -38.6 -22.2 44.7 210	0.0 1.0	0.981 1.0 85.5 -44.3 -16.0 47.2 200	0.0 1.0	0.833	0.0 1.0	0.938 1.0 82.5 -39.8 -21.1 45.2 208	0.0 1.0	0.833
211	201	209	0.0 0.922 1.0	81.3 -38.0 -22.8 44.4 211	0.0 1.0	0.975 1.0 85.1 -43.7 -16.7 47.0 201	0.0 1.0	0.85	0.0 1.0	0.933 1.0 82.1 -39.2 -21.7 44.9 209	0.0 1.0	0.85
212	202	210	0.0 0.917 1.0	81.0 -37.3 -23.3 44.2 212	0.0 1.0	0.97 1.0 84.7 -43.2 -17.4 46.7 202	0.0 1.0	0.867	0.0 1.0	0.927 1.0 81.7 -38.6 -22.2 44.7 210	0.0 1.0	0.867
213	203	211	0.0 0.911 1.0	80.6 -36.7 -23.8 43.9 213	0.0 1.0	0.965 1.0 84.4 -42.7 -18.0 46.4 203	0.0 1.0	0.883	0.0 1.0	0.922 1.0 81.3 -38.0 -22.8 44.4 211	0.0 1.0	0.883
214	204	212	0.0 0.906 1.0	80.2 -36.1 -24.3 43.6 214	0.0 1.0	0.959 1.0 84.0 -42.1 -18.7 46.2 204	0.0 1.0	0.9	0.0 1.0	0.917 1.0 81.0 -37.3 -23.3 44.2 212	0.0 1.0	0.9
215	205	212	0.0 0.901 1.0	79.8 -35.4 -24.8 43.4 215	0.0 1.0	0.954 1.0 83.6 -41.5 -19.3 45.9 205	0.0 1.0	0.917	0.0 1.0	0.917 1.0 81.0 -37.3 -23.3 44.2 212	0.0 1.0	0.917
216	206	213	0.0 0.895 1.0	79.5 -34.8 -25.3 43.1 216	0.0 1.0	0.949 1.0 83.2 -41.0 -19.9 45.7 206	0.0 1.0	0.933	0.0 1.0	0.911 1.0 80.6 -36.7 -23.8 43.9 213	0.0 1.0	0.933
217	207	214	0.0 0.89 1.0	79.1 -34.1 -25.7 42.9 217	0.0 1.0	0.943 1.0 82.9 -40.4 -20.5 45.4 207	0.0 1.0	0.95	0.0 1.0	0.906 1.0 80.2 -36.1 -24.3 43.6 214	0.0 1.0	0.95
218	208	215	0.0 0.885 1.0	78.7 -33.5 -26.1 42.6 218	0.0 1.0	0.938 1.0 82.5 -39.8 -21.1 45.2 208	0.0 1.0	0.967	0.0 1.0	0.901 1.0 79.8 -35.4 -24.8 43.4 215	0.0 1.0	0.967
219	209	216	0.0 0.879 1.0	78.3 -32.8 -26.6 42.4 219	0.0 1.0	0.933 1.0 82.1 -39.2 -21.7 44.9 209	0.0 1.0	0.983	0.0 1.0	0.895 1.0 79.5 -34.8 -25.3 43.1 216	0.0 1.0	0.983
220	210	217	0.0 0.874 1.0	77.9 -32.2 -27.0 42.2 220	0.0 1.0	0.927 1.0 81.7 -38.6 -22.2 44.7 210	0.0 1.0	1.0C <sub>s</sub>	0.0 1.0	0.89 1.0 79.1 -34.1 -25.7 42.9 217	0.0 1.0	1.0C <sub>e</sub>

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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: $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$													
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
220	210	217	0.0 0.874 1.0	77.9 -32.2 -27.0 42.2 220	0.0 0.927 1.0	81.7 -38.6 -22.2 44.7 210	0.0 1.0 1.0C <sub>s</sub>	0.0 0.89 1.0	79.1 -34.1 -25.7 42.9 217	0.0 1.0 1.0 1.0C <sub>e</sub>			
221	211	218	0.0 0.87 1.0	77.6 -31.8 -27.6 42.2 221	0.0 0.922 1.0	81.3 -38.0 -22.8 44.4 211	0.0 0.983 1.0	0.0 0.885 1.0	78.7 -33.5 -26.1 42.6 218	0.0 0.983 1.0			
222	212	219	0.0 0.865 1.0	77.3 -31.3 -28.2 42.3 222	0.0 0.917 1.0	81.0 -37.3 -23.3 44.2 212	0.0 0.967 1.0	0.0 0.879 1.0	78.3 -32.8 -26.6 42.4 219	0.0 0.967 1.0			
223	213	220	0.0 0.861 1.0	77.0 -30.9 -28.8 42.4 223	0.0 0.911 1.0	80.6 -36.7 -23.8 43.9 213	0.0 0.95 1.0	0.0 0.874 1.0	77.9 -32.2 -27.0 42.2 220	0.0 0.95 1.0			
224	214	221	0.0 0.856 1.0	76.7 -30.4 -29.4 42.5 224	0.0 0.906 1.0	80.2 -36.1 -24.3 43.6 214	0.0 0.933 1.0	0.0 0.87 1.0	77.6 -31.8 -27.6 42.2 221	0.0 0.933 1.0			
225	215	222	0.0 0.851 1.0	76.3 -30.0 -30.0 42.5 225	0.0 0.901 1.0	79.8 -35.4 -24.8 43.4 215	0.0 0.917 1.0	0.0 0.865 1.0	77.3 -31.3 -28.2 42.3 222	0.0 0.917 1.0			
226	216	222	0.0 0.847 1.0	76.0 -29.5 -30.6 42.6 226	0.0 0.895 1.0	79.5 -34.8 -25.3 43.1 216	0.0 0.9 1.0	0.0 0.865 1.0	77.3 -31.3 -28.2 42.3 222	0.0 0.9 1.0			
227	217	223	0.0 0.842 1.0	75.7 -29.0 -31.1 42.7 227	0.0 0.89 1.0	79.1 -34.1 -25.7 42.9 217	0.0 0.883 1.0	0.0 0.861 1.0	77.0 -30.9 -28.8 42.4 223	0.0 0.883 1.0			
228	218	224	0.0 0.838 1.0	75.4 -28.5 -31.7 42.8 228	0.0 0.885 1.0	78.7 -33.5 -26.1 42.6 218	0.0 0.867 1.0	0.0 0.856 1.0	76.7 -30.4 -29.4 42.5 224	0.0 0.867 1.0			
229	219	225	0.0 0.833 1.0	75.0 -28.0 -32.2 42.8 229	0.0 0.879 1.0	78.3 -32.8 -26.6 42.4 219	0.0 0.85 1.0	0.0 0.851 1.0	76.3 -30.0 -30.0 42.5 225	0.0 0.85 1.0			
230	220	226	0.0 0.829 1.0	74.7 -27.5 -32.8 42.9 230	0.0 0.874 1.0	77.9 -32.2 -27.0 42.2 220	0.0 0.833 1.0	0.0 0.847 1.0	76.0 -29.5 -30.6 42.6 226	0.0 0.833 1.0			
231	221	227	0.0 0.824 1.0	74.4 -26.9 -33.3 43.0 231	0.0 0.87 1.0	77.6 -31.8 -27.6 42.2 221	0.0 0.817 1.0	0.0 0.842 1.0	75.7 -29.0 -31.1 42.7 227	0.0 0.817 1.0			
232	222	228	0.0 0.82 1.0	74.1 -26.4 -33.8 43.1 232	0.0 0.865 1.0	77.3 -31.3 -28.2 42.3 222	0.0 0.8 1.0	0.0 0.838 1.0	75.4 -28.5 -31.7 42.8 228	0.0 0.8 1.0			
233	223	229	0.0 0.815 1.0	73.7 -25.9 -34.3 43.1 233	0.0 0.861 1.0	77.0 -30.9 -28.8 42.4 223	0.0 0.783 1.0	0.0 0.833 1.0	75.0 -28.0 -32.2 42.8 229	0.0 0.783 1.0			
234	224	230	0.0 0.81 1.0	73.4 -25.3 -34.9 43.2 234	0.0 0.856 1.0	76.7 -30.4 -29.4 42.5 224	0.0 0.767 1.0	0.0 0.829 1.0	74.7 -27.5 -32.8 42.9 230	0.0 0.767 1.0			
235	225	231	0.0 0.806 1.0	73.1 -24.7 -35.4 43.3 235	0.0 0.851 1.0	76.3 -30.0 -30.0 42.5 225	0.0 0.75 1.0	0.0 0.824 1.0	74.4 -26.9 -33.3 43.0 231	0.0 0.75 1.0			
236	226	232	0.0 0.801 1.0	72.8 -24.1 -35.8 43.4 236	0.0 0.847 1.0	76.0 -29.5 -30.6 42.6 226	0.0 0.733 1.0	0.0 0.82 1.0	74.1 -26.4 -33.8 43.1 232	0.0 0.733 1.0			
237	227	232	0.0 0.797 1.0	72.4 -23.6 -36.3 43.4 237	0.0 0.842 1.0	75.7 -29.0 -31.1 42.7 227	0.0 0.717 1.0	0.0 0.82 1.0	74.1 -26.4 -33.8 43.1 232	0.0 0.717 1.0			
238	228	233	0.0 0.792 1.0	72.1 -23.0 -36.8 43.5 238	0.0 0.838 1.0	75.4 -28.5 -31.7 42.8 228	0.0 0.7 1.0	0.0 0.815 1.0	73.7 -25.9 -34.3 43.1 233	0.0 0.7 1.0			
239	229	234	0.0 0.788 1.0	71.8 -22.3 -37.2 43.6 239	0.0 0.833 1.0	75.0 -28.0 -32.2 42.8 229	0.0 0.683 1.0	0.0 0.81 1.0	73.4 -25.3 -34.9 43.2 234	0.0 0.683 1.0			
240	230	235	0.0 0.783 1.0	71.5 -21.7 -37.7 43.6 240	0.0 0.829 1.0	74.7 -27.5 -32.8 42.9 230	0.0 0.667 1.0	0.0 0.806 1.0	73.1 -24.7 -35.4 43.3 235	0.0 0.667 1.0			
241	231	236	0.0 0.779 1.0	71.1 -21.1 -38.1 43.7 241	0.0 0.824 1.0	74.4 -26.9 -33.3 43.0 231	0.0 0.65 1.0	0.0 0.801 1.0	72.8 -24.1 -35.8 43.4 236	0.0 0.65 1.0			
242	232	237	0.0 0.774 1.0	70.8 -20.5 -38.6 43.8 242	0.0 0.82 1.0	74.1 -26.4 -33.8 43.1 232	0.0 0.633 1.0	0.0 0.797 1.0	72.4 -23.6 -36.3 43.4 237	0.0 0.633 1.0			
243	233	238	0.0 0.769 1.0	70.5 -19.8 -39.0 43.9 243	0.0 0.815 1.0	73.7 -25.9 -34.3 43.1 233	0.0 0.617 1.0	0.0 0.792 1.0	72.1 -23.0 -36.8 43.5 238	0.0 0.617 1.0			
244	234	239	0.0 0.765 1.0	70.2 -19.2 -39.4 43.9 244	0.0 0.81 1.0	73.4 -25.3 -34.9 43.2 234	0.0 0.6 1.0	0.0 0.788 1.0	71.8 -22.3 -37.2 43.6 239	0.0 0.6 1.0			
245	235	240	0.0 0.76 1.0	69.8 -18.5 -39.8 44.0 245	0.0 0.806 1.0	73.1 -24.7 -35.4 43.3 235	0.0 0.583 1.0	0.0 0.783 1.0	71.5 -21.7 -37.7 43.6 240	0.0 0.583 1.0			
246	236	241	0.0 0.756 1.0	69.5 -17.8 -40.2 44.1 246	0.0 0.801 1.0	72.8 -24.1 -35.8 43.4 236	0.0 0.567 1.0	0.0 0.779 1.0	71.1 -21.1 -38.1 43.7 241	0.0 0.567 1.0			
247	237	242	0.0 0.751 1.0	69.2 -17.2 -40.6 44.2 247	0.0 0.797 1.0	72.4 -23.6 -36.3 43.4 237	0.0 0.55 1.0	0.0 0.774 1.0	70.8 -20.5 -38.6 43.8 242	0.0 0.55 1.0			
248	238	243	0.0 0.746 1.0	68.8 -16.6 -41.2 44.5 248	0.0 0.792 1.0	72.1 -23.0 -36.8 43.5 238	0.0 0.533 1.0	0.0 0.769 1.0	70.5 -19.8 -39.0 43.9 243	0.0 0.533 1.0			
249	239	243	0.0 0.74 1.0	68.4 -16.0 -41.9 45.0 249	0.0 0.788 1.0	71.8 -22.3 -37.2 43.6 239	0.0 0.517 1.0	0.0 0.769 1.0	70.5 -19.8 -39.0 43.9 243	0.0 0.517 1.0			
250	240	244	0.0 0.735 1.0	68.0 -15.4 -42.6 45.5 250	0.0 0.783 1.0	71.5 -21.7 -37.7 43.6 240	0.0 0.5 1.0	0.0 0.765 1.0	70.2 -19.2 -39.4 43.9 244	0.0 0.5 1.0			
251	241	245	0.0 0.729 1.0	67.7 -14.8 -43.3 45.9 251	0.0 0.779 1.0	71.1 -21.1 -38.1 43.7 241	0.0 0.483 1.0	0.0 0.76 1.0	69.8 -18.5 -39.8 44.0 245	0.0 0.483 1.0			
252	242	246	0.0 0.724 1.0	67.3 -14.2 -44.0 46.4 252	0.0 0.774 1.0	70.8 -20.5 -38.6 43.8 242	0.0 0.467 1.0	0.0 0.756 1.0	69.5 -17.8 -40.2 44.1 246	0.0 0.467 1.0			
253	243	247	0.0 0.718 1.0	66.9 -13.6 -44.7 46.8 253	0.0 0.769 1.0	70.5 -19.8 -39.0 43.9 243	0.0 0.45 1.0	0.0 0.751 1.0	69.2 -17.2 -40.6 44.2 247	0.0 0.45 1.0			
254	244	248	0.0 0.713 1.0	66.5 -12.9 -45.4 47.3 254	0.0 0.765 1.0	70.2 -19.2 -39.4 43.9 244	0.0 0.433 1.0	0.0 0.746 1.0	68.8 -16.6 -41.2 44.5 248	0.0 0.433 1.0			
255	245	249	0.0 0.707 1.0	66.1 -12.3 -46.0 47.8 255	0.0 0.76 1.0	69.8 -18.5 -39.8 44.0 245	0.0 0.417 1.0	0.0 0.74 1.0	68.4 -16.0 -41.9 45.0 249	0.0 0.417 1.0			
256	246	250	0.0 0.702 1.0	65.7 -11.6 -46.7 48.2 256	0.0 0.756 1.0	69.5 -17.8 -40.2 44.1 246	0.0 0.4 1.0	0.0 0.735 1.0	68.0 -15.4 -42.6 45.5 250	0.0 0.4 1.0			
257	247	251	0.0 0.696 1.0	65.3 -10.9 -47.3 48.7 257	0.0 0.751 1.0	69.2 -17.2 -40.6 44.2 247	0.0 0.383 1.0	0.0 0.729 1.0	67.7 -14.8 -43.3 45.9 251	0.0 0.383 1.0			
258	248	252	0.0 0.691 1.0	64.9 -10.1 -48.0 49.1 258	0.0 0.746 1.0	68.8 -16.6 -41.2 44.5 248	0.0 0.367 1.0	0.0 0.724 1.0	67.3 -14.2 -44.0 46.4 252	0.0 0.367 1.0			
259	249	253	0.0 0.685 1.0	64.5 -9.4 -48.6 49.6 259	0.0 0.74 1.0	68.4 -16.0 -41.9 45.0 249	0.0 0.35 1.0	0.0 0.718 1.0	66.9 -13.6 -44.7 46.8 253	0.0 0.35 1.0			
260	250	253	0.0 0.679 1.0	64.2 -8.6 -49.2 50.1 260	0.0 0.735 1.0	68.0 -15.4 -42.6 45.5 250	0.0 0.333 1.0	0.0 0.718 1.0	66.9 -13.6 -44.7 46.8 253	0.0 0.333 1.0			
261	251	254	0.0 0.674 1.0	63.8 -7.8 -49.8 50.5 261	0.0 0.729 1.0	67.7 -14.8 -43.3 45.9 251	0.0 0.317 1.0	0.0 0.713 1.0	66.5 -12.9 -45.4 47.3 254	0.0 0.317 1.0			
262	252	255	0.0 0.668 1.0	63.4 -7.0 -50.4 51.0 262	0.0 0.724 1.0	67.3 -14.2 -44.0 46.4 252	0.0 0.3 1.0	0.0 0.707 1.0	66.1 -12.3 -46.0 47.8 255	0.0 0.3 1.0			
263	253	256	0.0 0.663 1.0	63.0 -6.2 -51.0 51.5 263	0.0 0.718 1.0	66.9 -13.6 -44.7 46.8 253	0.0 0.283 1.0	0.0 0.702 1.0	65.7 -11.6 -46.7 48.2 256	0.0 0.283 1.0			
264	254	257	0.0 0.657 1.0	62.6 -5.3 -51.5 51.9 264	0.0 0.713 1.0	66.5 -12.9 -45.4 47.3 254	0.0 0.267 1.0	0.0 0.696 1.0	65.3 -10.9 -47.3 48.7 257	0.0 0.267 1.0			
265	255	258	0.0 0.652 1.0	62.2 -4.5 -52.1 52.4 265	0.0 0.707 1.0	66.1 -12.3 -46.0 47.8 255	0.0 0.25 1.0	0.0 0.691 1.0	64.9 -10.1 -48.0 49.1 258	0.0 0.25 1.0			

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
265	255	258	0.0 0.652 1.0	62.2 -4.5 -52.1 52.4 265	0.0 0.707 1.0	66.1 -12.3 -46.0 47.8 255	0.0 0.25 1.0	0.0 0.691 1.0	64.9 -10.1 -48.0 49.1 258	0.0 0.25 1.0	0.0 0.25	0.0 0.25
266	256	259	0.0 0.646 1.0	61.8 -3.6 -52.6 52.8 266	0.0 0.702 1.0	65.7 -11.6 -46.7 48.2 256	0.0 0.233 1.0	0.0 0.685 1.0	64.5 -9.4 -48.6 49.6 259	0.0 0.233 1.0	0.0 0.233	0.0 0.233
267	257	260	0.0 0.641 1.0	61.4 -2.7 -53.1 53.3 267	0.0 0.696 1.0	65.3 -10.9 -47.3 48.7 257	0.0 0.217 1.0	0.0 0.679 1.0	64.2 -8.6 -49.2 50.1 260	0.0 0.217 1.0	0.0 0.217	0.0 0.217
268	258	261	0.0 0.635 1.0	61.0 -1.8 -53.6 53.8 268	0.0 0.691 1.0	64.9 -10.1 -48.0 49.1 258	0.0 0.2 1.0	0.0 0.674 1.0	63.8 -7.8 -49.8 50.5 261	0.0 0.2 1.0	0.0 0.2	0.0 0.2
269	259	262	0.0 0.63 1.0	60.6 -0.8 -54.1 54.2 269	0.0 0.685 1.0	64.5 -9.4 -48.6 49.6 259	0.0 0.183 1.0	0.0 0.668 1.0	63.4 -7.0 -50.4 51.0 262	0.0 0.183 1.0	0.0 0.183	0.0 0.183
270	260	263	0.0 0.624 1.0	60.2 0.0 -54.7 54.8 270	0.0 0.679 1.0	64.2 -8.6 -49.2 50.1 260	0.0 0.167 1.0	0.0 0.663 1.0	63.0 -6.2 -51.0 51.5 263	0.0 0.167 1.0	0.0 0.167	0.0 0.167
271	261	264	0.0 0.615 1.0	59.7 1.0 -55.7 55.9 271	0.0 0.674 1.0	63.8 -7.8 -49.8 50.5 261	0.0 0.15 1.0	0.0 0.657 1.0	62.6 -5.3 -51.5 51.9 264	0.0 0.15 1.0	0.0 0.15	0.0 0.15
272	262	264	0.0 0.607 1.0	59.1 2.0 -56.8 56.9 272	0.0 0.668 1.0	63.4 -7.0 -50.4 51.0 262	0.0 0.133 1.0	0.0 0.657 1.0	62.6 -5.3 -51.5 51.9 264	0.0 0.133 1.0	0.0 0.133	0.0 0.133
273	263	265	0.0 0.599 1.0	58.5 3.0 -57.8 58.0 273	0.0 0.663 1.0	63.0 -6.2 -51.0 51.5 263	0.0 0.117 1.0	0.0 0.652 1.0	62.2 -4.5 -52.1 52.4 265	0.0 0.117 1.0	0.0 0.117	0.0 0.117
274	264	266	0.0 0.591 1.0	58.0 4.1 -58.8 59.0 274	0.0 0.657 1.0	62.6 -5.3 -51.5 51.9 264	0.0 0.1 1.0	0.0 0.646 1.0	61.8 -3.6 -52.6 52.8 266	0.0 0.1 1.0	0.0 0.1	0.0 0.1
275	265	267	0.0 0.583 1.0	57.4 5.2 -59.8 60.1 275	0.0 0.652 1.0	62.2 -4.5 -52.1 52.4 265	0.0 0.083 1.0	0.0 0.641 1.0	61.4 -2.7 -53.1 53.3 267	0.0 0.083 1.0	0.0 0.083	0.0 0.083
276	266	268	0.0 0.574 1.0	56.9 6.4 -60.7 61.2 276	0.0 0.646 1.0	61.8 -3.6 -52.6 52.8 266	0.0 0.067 1.0	0.0 0.635 1.0	61.0 -1.8 -53.6 53.8 268	0.0 0.067 1.0	0.0 0.067	0.0 0.067
277	267	269	0.0 0.566 1.0	56.3 7.6 -61.7 62.2 277	0.0 0.641 1.0	61.4 -2.7 -53.1 53.3 267	0.0 0.05 1.0	0.0 0.63 1.0	60.6 -0.8 -54.1 54.2 269	0.0 0.05 1.0	0.0 0.05	0.0 0.05
278	268	270	0.0 0.558 1.0	55.7 8.8 -62.6 63.3 278	0.0 0.635 1.0	61.0 -1.8 -53.6 53.8 268	0.0 0.033 1.0	0.0 0.624 1.0	60.2 0.0 -54.7 54.8 270	0.0 0.033 1.0	0.0 0.033	0.0 0.033
279	269	271	0.0 0.55 1.0	55.2 10.1 -63.5 64.3 279	0.0 0.63 1.0	60.6 -0.8 -54.1 54.2 269	0.0 0.017 1.0	0.0 0.615 1.0	59.7 1.0 -55.7 55.9 271	0.0 0.017 1.0	0.0 0.017	0.0 0.017
280	270	272	0.0 0.541 1.0	54.6 11.4 -64.3 65.4 280	0.0 0.624 1.0	60.2 0.0 -54.7 54.8 270	0.0 0.0 1.0	0.0 1.0B <sub>s</sub>	0.0 0.607 1.0	59.1 2.0 -56.8 56.9 272	0.0 0.0 1.0	0.0 1.0B <sub>e</sub>
281	271	273	0.0 0.533 1.0	54.1 12.7 -65.1 66.5 281	0.0 0.615 1.0	59.7 1.0 -55.7 55.9 271	0.0 0.017 1.0	0.0 0.599 1.0	58.5 3.0 -57.8 58.0 273	0.0 0.017 1.0	0.0 0.017	0.0 0.017
282	272	274	0.0 0.525 1.0	53.5 14.0 -66.0 67.5 282	0.0 0.607 1.0	59.1 2.0 -56.8 56.9 272	0.0 0.033 1.0	0.0 0.591 1.0	58.0 4.1 -58.8 59.0 274	0.0 0.033 1.0	0.0 0.033	0.0 0.033
283	273	275	0.0 0.517 1.0	52.9 15.4 -66.7 68.6 283	0.0 0.599 1.0	58.5 3.0 -57.8 58.0 273	0.0 0.05 1.0	0.0 0.583 1.0	57.4 5.2 -59.8 60.1 275	0.0 0.05 1.0	0.0 0.05	0.0 0.05
284	274	276	0.0 0.508 1.0	52.4 16.9 -67.5 69.7 284	0.0 0.591 1.0	58.0 4.1 -58.8 59.0 274	0.0 0.067 1.0	0.0 0.574 1.0	56.9 6.4 -60.7 61.2 276	0.0 0.067 1.0	0.0 0.067	0.0 0.067
285	275	276	0.0 0.5 1.0	51.8 18.3 -68.2 70.7 285	0.0 0.583 1.0	57.4 5.2 -59.8 60.1 275	0.0 0.083 1.0	0.0 0.574 1.0	56.9 6.4 -60.7 61.2 276	0.0 0.083 1.0	0.0 0.083	0.0 0.083
286	276	277	0.0 0.488 1.0	51.0 20.0 -69.7 72.6 286	0.0 0.574 1.0	56.9 6.4 -60.7 61.2 276	0.1 0.0	0.0 0.566 1.0	56.3 7.6 -61.7 62.2 277	0.1 0.0	0.0 0.1	0.0 0.1
287	277	278	0.0 0.475 1.0	50.2 21.8 -71.2 74.5 287	0.0 0.566 1.0	56.3 7.6 -61.7 62.2 277	0.1 0.0	0.0 0.558 1.0	55.7 8.8 -62.6 63.3 278	0.1 0.0	0.0 0.117	0.0 0.117
288	278	279	0.0 0.462 1.0	49.4 23.6 -72.6 76.4 288	0.0 0.558 1.0	55.7 8.8 -62.6 63.3 278	0.1 0.0	0.0 0.55 1.0	55.2 10.1 -63.5 64.3 279	0.1 0.0	0.0 0.133	0.0 0.133
289	279	280	0.0 0.45 1.0	48.6 25.5 -74.0 78.3 289	0.0 0.55 1.0	55.2 10.1 -63.5 64.3 279	0.1 0.0	0.0 0.541 1.0	54.6 11.4 -64.3 65.4 280	0.1 0.0	0.0 0.15	0.0 0.15
290	280	281	0.0 0.437 1.0	47.8 27.4 -75.3 80.2 290	0.0 0.541 1.0	54.6 11.4 -64.3 65.4 280	0.1 0.0	0.0 0.533 1.0	54.1 12.7 -65.1 66.5 281	0.1 0.0	0.0 0.167	0.0 0.167
291	281	282	0.0 0.424 1.0	47.0 29.4 -76.6 82.1 291	0.0 0.533 1.0	54.1 12.7 -65.1 66.5 281	0.1 0.0	0.0 0.525 1.0	53.5 14.0 -66.0 67.5 282	0.1 0.0	0.0 0.183	0.0 0.183
292	282	283	0.0 0.412 1.0	46.2 31.5 -77.8 84.1 292	0.0 0.525 1.0	53.5 14.0 -66.0 67.5 282	0.2 0.0	0.0 0.517 1.0	52.9 15.4 -66.7 68.6 283	0.2 0.0	0.0 0.0	0.0 0.0
293	283	284	0.0 0.399 1.0	45.4 33.6 -79.0 86.0 293	0.0 0.517 1.0	52.9 15.4 -66.7 68.6 283	0.2 0.0	0.0 0.508 1.0	52.4 16.9 -67.5 69.7 284	0.2 0.0	0.0 0.217	0.0 0.217
294	284	285	0.0 0.386 1.0	44.6 35.7 -80.2 87.9 294	0.0 0.508 1.0	52.4 16.9 -67.5 69.7 284	0.2 0.0	0.0 0.5 1.0	51.8 18.3 -68.2 70.7 285	0.2 0.0	0.0 0.233	0.0 0.233
295	285	286	0.0 0.373 1.0	43.7 38.0 -81.4 89.9 295	0.0 0.5 1.0	51.8 18.3 -68.2 70.7 285	0.2 0.0	0.0 0.488 1.0	51.0 20.0 -69.7 72.6 286	0.2 0.0	0.0 0.25	0.0 0.25
296	286	287	0.0 0.353 1.0	42.7 40.7 -83.3 92.8 296	0.0 0.488 1.0	51.0 20.0 -69.7 72.6 286	0.2 0.0	0.0 0.475 1.0	50.2 21.8 -71.2 74.5 287	0.2 0.0	0.0 0.267	0.0 0.267
297	287	288	0.0 0.333 1.0	41.6 43.5 -85.2 95.7 297	0.0 0.475 1.0	50.2 21.8 -71.2 74.5 287	0.2 0.0	0.0 0.462 1.0	49.4 23.6 -72.6 76.4 288	0.2 0.0	0.0 0.283	0.0 0.283
298	288	289	0.0 0.313 1.0	40.5 46.3 -87.0 98.6 298	0.0 0.462 1.0	49.4 23.6 -72.6 76.4 288	0.3 0.0	0.0 0.45 1.0	48.6 25.5 -74.0 78.3 289	0.3 0.0	0.0 0.2	0.0 0.2
299	289	290	0.0 0.293 1.0	39.5 49.2 -88.7 101.5 299	0.0 0.45 1.0	48.6 25.5 -74.0 78.3 289	0.3 0.0	0.0 0.437 1.0	47.8 27.4 -75.3 80.2 290	0.3 0.0	0.0 0.317	0.0 0.317
300	290	291	0.0 0.274 1.0	38.4 52.2 -90.4 104.5 300	0.0 0.437 1.0	47.8 27.4 -75.3 80.2 290	0.3 0.0	0.0 0.424 1.0	47.0 29.4 -76.6 82.1 291	0.3 0.0	0.0 0.333	0.0 0.333
301	291	292	0.0 0.254 1.0	37.4 55.3 -91.9 107.4 301	0.0 0.424 1.0	47.0 29.4 -76.6 82.1 291	0.3 0.0	0.0 0.412 1.0	46.2 31.5 -77.8 84.1 292	0.3 0.0	0.0 0.35	0.0 0.35
302	292	293	0.0 0.222 1.0	36.1 58.8 -94.1 111.0 302	0.0 0.412 1.0	46.2 31.5 -77.8 84.1 292	0.3 0.0	0.0 0.399 1.0	45.4 33.6 -79.0 86.0 293	0.3 0.0	0.0 0.367	0.0 0.367
303	293	294	0.0 0.188 1.0	34.8 62.6 -96.3 114.9 303	0.0 0.399 1.0	45.4 33.6 -79.0 86.0 293	0.3 0.0	0.0 0.386 1.0	44.6 35.7 -80.2 87.9 294	0.3 0.0	0.0 0.383	0.0 0.383
304	294	294	0.0 0.153 1.0	33.5 66.4 -98.4 118.8 304	0.0 0.386 1.0	44.6 35.7 -80.2 87.9 294	0.4 0.0	0.0 0.386 1.0	44.6 35.7 -80.2 87.9 294	0.4 0.0	0.0 0.4	0.0 0.4
305	295	295	0.0 0.109 1.0	32.2 70.4 -100.412.7 305	0.0 0.373 1.0	43.7 38.0 -81.4 89.9 295	0.4 0.0	0.0 0.373 1.0	43.7 38.0 -81.4 89.9 295	0.4 0.0	0.0 0.417	0.0 0.417
306	296	296	0.0 0.024 1.0	30.8 74.8 -102.812.7 306B <sub>d</sub>	0.0 0.353 1.0	42.7 40.7 -83.3 92.8 296	0.4 0.0	0.0 0.353 1.0	42.7 40.7 -83.3 92.8 296	0.4 0.0	0.0 0.433	0.0 0.433
307	297	297	0.172 0.0 1.0	31.6 76.5 -101.412.7 307	0.0 0.333 1.0	41.6 43.5 -85.2 95.7 297	0.4 0.0	0.0 0.333 1.0	41.6 43.5 -85.2 95.7 297	0.4 0.0	0.0 0.45	0.0 0.45
308	298	298	0.282 0.0 1.0	33.2 77.2 -98.6 125.3 308	0.0 0.313 1.0	40.5 46.3 -87.0 98.6 298	0.4 0.0	0.0 0.313 1.0	40.5 46.3 -87.0 98.6 298	0.4 0.0	0.0 0.467	0.0 0.467
309	299	299	0.357 0.0 1.0	34.8 77.8 -96.0 123.7 309	0.0 0.293 1.0	39.5 49.2 -88.7 101.5 299	0.4 0.0	0.0 0.293 1.0	39.5 49.2 -88.7 101.5 299	0.4 0.0	0.0 0.483	0.0 0.483
310	300	300	0.414 0.0 1.0	36.2 78.6 -93.6 122.3 310	0.0 0.274 1.0	38.4 52.2 -90.4 104.5 300	0.5 0.0	0.0 0.274 1.0	38.4 52.2 -90.4 104.5 300	0.5 0.0	0.0 0.433	0.0 0.433

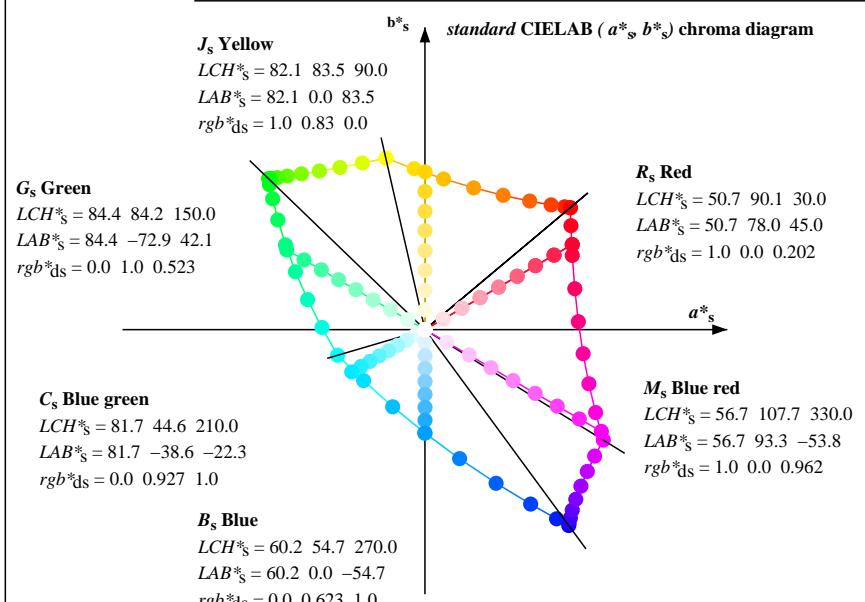
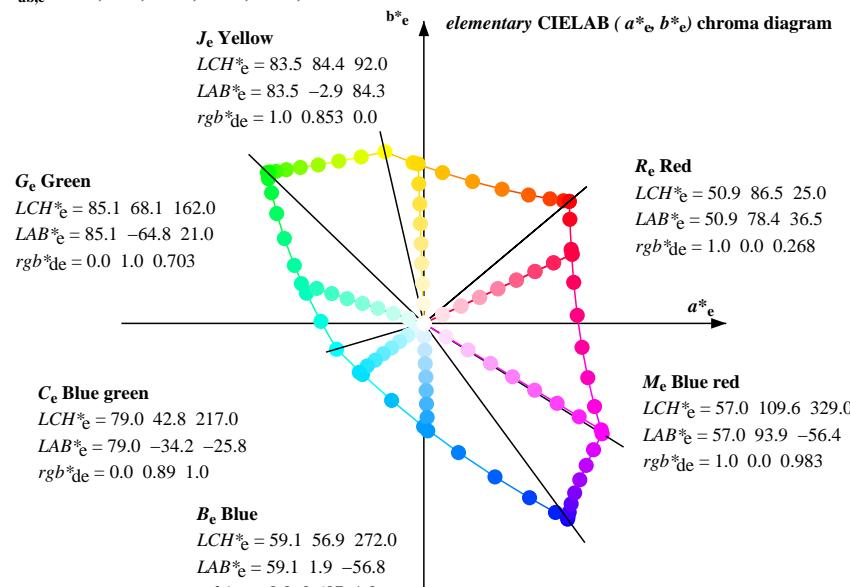
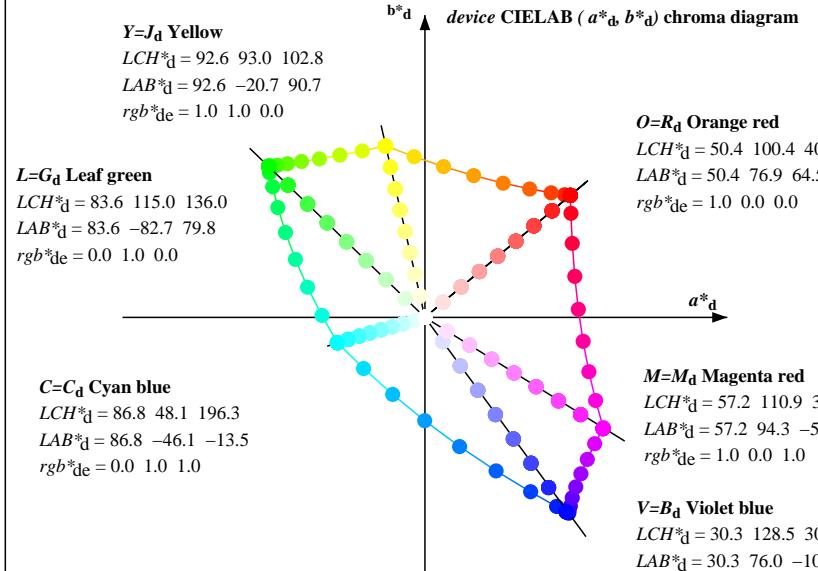
Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ; Six hue angles of the device colours d: $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddr$	$rgb^*drgb^*$	$rgb^*ds$	$rgb^*de$		
310	300	300	0.414 0.0 1.0	36.2 78.6 -93.6 122.3 310	0.0 0.274 1.0	38.4 52.2 -90.4 104.5 300	0.5 0.0 1.0	0.0 0.274 1.0	38.4 52.2 -90.4 104.5 300	0.5 0.0 1.0	0.0 0.274 1.0	38.4 52.2 -90.4 104.5 300	0.5 0.0 1.0	0.0 0.274 1.0	38.4 52.2 -90.4 104.5 300	
311	301	301	0.465 0.0 1.0	37.6 79.4 -91.2 121.0 311	0.0 0.254 1.0	37.4 55.3 -91.9 107.4 301	0.517 0.0 1.0	0.0 0.254 1.0	37.4 55.3 -91.9 107.4 301	0.517 0.0 1.0	0.0 0.222 1.0	36.1 58.8 -94.1 111.0 302	0.533 0.0 1.0	0.0 0.222 1.0	36.1 58.8 -94.1 111.0 302	0.533 0.0 1.0
312	302	302	0.513 0.0 1.0	39.0 80.1 -88.9 119.8 312	0.0 0.222 1.0	36.1 58.8 -94.1 111.0 302	0.533 0.0 1.0	0.0 0.222 1.0	36.1 58.8 -94.1 111.0 302	0.533 0.0 1.0	0.0 0.188 1.0	34.8 62.6 -96.3 114.9 303	0.55 0.0 1.0	0.0 0.188 1.0	34.8 62.6 -96.3 114.9 303	0.55 0.0 1.0
313	303	303	0.551 0.0 1.0	40.3 81.0 -86.8 118.8 313	0.0 0.188 1.0	34.8 62.6 -96.3 114.9 303	0.55 0.0 1.0	0.0 0.153 1.0	33.5 66.4 -98.4 118.8 304	0.567 0.0 1.0	0.0 0.153 1.0	33.5 66.4 -98.4 118.8 304	0.567 0.0 1.0	0.0 0.153 1.0	33.5 66.4 -98.4 118.8 304	0.567 0.0 1.0
314	304	304	0.59 0.0 1.0	41.6 81.8 -84.6 117.8 314	0.0 0.153 1.0	33.5 66.4 -98.4 118.8 304	0.567 0.0 1.0	0.0 0.153 1.0	33.5 66.4 -98.4 118.8 304	0.567 0.0 1.0	0.0 0.153 1.0	33.5 66.4 -98.4 118.8 304	0.567 0.0 1.0	0.0 0.153 1.0	33.5 66.4 -98.4 118.8 304	0.567 0.0 1.0
315	305	305	0.628 0.0 1.0	42.8 82.6 -82.5 116.8 315	0.0 0.109 1.0	32.2 70.4 -100.4122.7 305	0.583 0.0 1.0	0.0 0.109 1.0	32.2 70.4 -100.4122.7 305	0.583 0.0 1.0	0.0 0.024 1.0	30.8 74.8 -102.8127.2 306	0.6 0.0 1.0	0.0 0.024 1.0	30.8 74.8 -102.8127.2 306	0.6 0.0 1.0
316	306	306	0.66 0.0 1.0	44.0 83.5 -80.6 116.1 316	0.0 0.024 1.0	30.8 74.8 -102.8127.2 306	0.6 0.0 1.0	0.0 0.024 1.0	30.8 74.8 -102.8127.2 306	0.6 0.0 1.0	0.0 0.172 0.0	31.6 76.5 -101.4127.1 307	0.617 0.0 1.0	0.0 0.172 0.0	31.6 76.5 -101.4127.1 307	0.617 0.0 1.0
317	307	307	0.692 0.0 1.0	45.2 84.4 -78.6 115.4 317	0.172 0.0 1.0	31.6 76.5 -101.4127.1 307	0.617 0.0 1.0	0.0 0.172 0.0	31.6 76.5 -101.4127.1 307	0.617 0.0 1.0	0.0 0.282 0.0	33.2 77.2 -98.6 125.3 308	0.633 0.0 1.0	0.0 0.282 0.0	33.2 77.2 -98.6 125.3 308	0.633 0.0 1.0
318	308	308	0.724 0.0 1.0	46.3 85.2 -76.6 114.7 318	0.282 0.0 1.0	33.2 77.2 -98.6 125.3 308	0.633 0.0 1.0	0.0 0.282 0.0	33.2 77.2 -98.6 125.3 308	0.633 0.0 1.0	0.0 0.357 0.0	34.8 77.8 -96.0 123.7 309	0.65 0.0 1.0	0.0 0.357 0.0	34.8 77.8 -96.0 123.7 309	0.65 0.0 1.0
319	309	309	0.755 0.0 1.0	47.5 86.0 -74.7 114.0 319	0.357 0.0 1.0	34.8 77.8 -96.0 123.7 309	0.65 0.0 1.0	0.0 0.357 0.0	34.8 77.8 -96.0 123.7 309	0.65 0.0 1.0	0.0 0.414 0.0	36.2 78.6 -93.6 122.3 310	0.667 0.0 1.0	0.0 0.414 0.0	36.2 78.6 -93.6 122.3 310	0.667 0.0 1.0
320	310	310	0.783 0.0 1.0	48.6 87.0 -72.9 113.6 320	0.414 0.0 1.0	36.2 78.6 -93.6 122.3 310	0.667 0.0 1.0	0.0 0.414 0.0	36.2 78.6 -93.6 122.3 310	0.667 0.0 1.0	0.0 0.465 0.0	37.6 79.4 -91.2 121.0 311	0.683 0.0 1.0	0.0 0.465 0.0	37.6 79.4 -91.2 121.0 311	0.683 0.0 1.0
321	311	311	0.81 0.0 1.0	49.7 87.9 -71.1 113.1 321	0.465 0.0 1.0	37.6 79.4 -91.2 121.0 311	0.683 0.0 1.0	0.0 0.465 0.0	37.6 79.4 -91.2 121.0 311	0.683 0.0 1.0	0.0 0.513 0.0	39.0 80.1 -88.9 119.8 312	0.7 0.0 1.0	0.0 0.513 0.0	39.0 80.1 -88.9 119.8 312	0.7 0.0 1.0
322	312	312	0.838 0.0 1.0	50.7 88.8 -69.3 112.7 322	0.513 0.0 1.0	39.0 80.1 -88.9 119.8 312	0.7 0.0 1.0	0.0 0.513 0.0	39.0 80.1 -88.9 119.8 312	0.7 0.0 1.0	0.0 0.513 0.0	40.3 81.0 -88.9 119.8 312	0.717 0.0 1.0	0.0 0.513 0.0	40.3 81.0 -88.9 119.8 312	0.717 0.0 1.0
323	313	312	0.866 0.0 1.0	51.8 89.6 -67.4 112.2 323	0.551 0.0 1.0	40.3 81.0 -88.6 118.8 313	0.717 0.0 1.0	0.0 0.551 0.0	40.3 81.0 -88.6 118.8 313	0.717 0.0 1.0	0.0 0.59 0.0	41.6 81.8 -84.6 117.8 314	0.733 0.0 1.0	0.0 0.59 0.0	41.6 81.8 -84.6 117.8 314	0.733 0.0 1.0
324	314	313	0.892 0.0 1.0	52.9 90.5 -65.7 111.9 324	0.59 0.0 1.0	41.6 81.8 -84.6 117.8 314	0.733 0.0 1.0	0.0 0.59 0.0	41.6 81.8 -84.6 117.8 314	0.733 0.0 1.0	0.0 0.628 0.0	42.8 82.6 -82.5 116.8 315	0.75 0.0 1.0	0.0 0.628 0.0	42.8 82.6 -82.5 116.8 315	0.75 0.0 1.0
325	315	314	0.918 0.0 1.0	53.9 91.5 -64.0 111.7 325	0.628 0.0 1.0	42.8 82.6 -82.5 116.8 315	0.75 0.0 1.0	0.0 0.59 0.0	42.8 82.6 -82.5 116.8 315	0.75 0.0 1.0	0.0 0.692 0.0	44.0 83.5 -80.6 116.1 316	0.767 0.0 1.0	0.0 0.692 0.0	44.0 83.5 -80.6 116.1 316	0.767 0.0 1.0
326	316	315	0.943 0.0 1.0	55.0 92.4 -62.2 111.5 326	0.66 0.0 1.0	44.0 83.5 -80.6 116.1 316	0.767 0.0 1.0	0.0 0.66 0.0	44.0 83.5 -80.6 116.1 316	0.767 0.0 1.0	0.0 0.692 0.0	45.2 84.4 -78.6 115.4 317	0.78 0.0 1.0	0.0 0.692 0.0	45.2 84.4 -78.6 115.4 317	0.78 0.0 1.0
327	317	316	0.969 0.0 1.0	56.0 93.3 -60.5 111.3 327	0.692 0.0 1.0	45.2 84.4 -78.6 115.4 317	0.78 0.0 1.0	0.0 0.66 0.0	45.2 84.4 -78.6 115.4 317	0.78 0.0 1.0	0.0 0.724 0.0	46.3 85.2 -76.6 114.7 318	0.8 0.0 1.0	0.0 0.724 0.0	46.3 85.2 -76.6 114.7 318	0.8 0.0 1.0
328	318	317	0.994 0.0 1.0	57.1 94.2 -58.7 111.0 328	0.724 0.0 1.0	46.3 85.2 -76.6 114.7 318	0.8 0.0 1.0	0.0 0.692 0.0	46.3 85.2 -76.6 114.7 318	0.8 0.0 1.0	0.0 0.894 0.0	47.5 86.0 -74.7 114.0 319	0.817 0.0 1.0	0.0 0.724 0.0	46.3 85.2 -76.6 114.7 318	0.817 0.0 1.0
329	319	318	1.0 0.0	0.984 57.1 93.9 -56.4 109.6 329	0.755 0.0 1.0	47.5 86.0 -74.7 114.0 319	0.817 0.0 1.0	0.0 0.724 0.0	47.5 86.0 -74.7 114.0 319	0.817 0.0 1.0	0.0 0.783 0.0	48.6 87.0 -72.9 113.6 320	0.833 0.0 1.0	0.0 0.755 0.0	47.5 86.0 -74.7 114.0 319	0.833 0.0 1.0
330	320	319	1.0 0.0	0.962 56.8 93.4 -53.8 107.8 330	0.783 0.0 1.0	48.6 87.0 -72.9 113.6 320	0.833 0.0 1.0	0.0 0.755 0.0	48.6 87.0 -72.9 113.6 320	0.833 0.0 1.0	0.0 0.81 0.0	49.7 87.9 -71.1 113.1 321	0.85 0.0 1.0	0.0 0.783 0.0	48.6 87.0 -72.9 113.6 320	0.85 0.0 1.0
331	321	320	1.0 0.0	0.941 56.5 92.7 -51.3 106.0 331	0.81 0.0 1.0	49.7 87.9 -71.1 113.1 321	0.85 0.0 1.0	0.0 0.783 0.0	49.7 87.9 -71.1 113.1 321	0.85 0.0 1.0	0.0 0.838 0.0	51.8 89.6 -67.4 112.2 323	0.883 0.0 1.0	0.0 0.838 0.0	50.7 88.8 -69.3 112.7 322	0.883 0.0 1.0
332	322	321	1.0 0.0	0.919 56.2 92.0 -48.8 104.2 332	0.838 0.0 1.0	50.7 88.8 -69.3 112.7 322	0.867 0.0 1.0	0.0 0.81 0.0	50.7 88.8 -69.3 112.7 322	0.867 0.0 1.0	0.0 0.892 0.0	52.9 90.5 -65.7 111.9 324	0.9 0.0 1.0	0.0 0.866 0.0	51.8 89.6 -67.4 112.2 323	0.9 0.0 1.0
333	323	322	1.0 0.0	0.898 55.9 91.2 -46.4 102.4 333	0.866 0.0 1.0	51.8 89.6 -67.4 112.2 323	0.883 0.0 1.0	0.0 0.838 0.0	51.8 89.6 -67.4 112.2 323	0.883 0.0 1.0	0.0 0.918 0.0	53.9 91.5 -64.0 111.7 325	0.917 0.0 1.0	0.0 0.866 0.0	51.8 89.6 -67.4 112.2 323	0.917 0.0 1.0
334	324	323	1.0 0.0	0.876 55.7 90.4 -44.0 100.5 334	0.892 0.0 1.0	52.9 90.5 -65.7 111.9 324	0.9 0.0 1.0	0.0 0.866 0.0	52.9 90.5 -65.7 111.9 324	0.9 0.0 1.0	0.0 0.918 0.0	54.9 91.5 -64.0 111.7 326	0.933 0.0 1.0	0.0 0.866 0.0	51.8 89.6 -67.4 112.2 323	0.933 0.0 1.0
335	325	324	1.0 0.0	0.86 55.5 90.0 -41.9 99.3 335	0.918 0.0 1.0	53.9 91.5 -64.0 111.7 325	0.917 0.0 1.0	0.0 0.918 0.0	53.9 91.5 -64.0 111.7 325	0.917 0.0 1.0	0.0 0.943 0.0	55.0 92.4 -62.2 111.5 326	0.933 0.0 1.0	0.0 0.918 0.0	53.9 91.5 -64.0 111.7 325	0.933 0.0 1.0
336	326	325	1.0 0.0	0.843 55.3 89.6 -39.8 98.1 336	0.943 0.0 1.0	55.0 92.4 -62.2 111.5 326	0.933 0.0 1.0	0.0 0.918 0.0	55.0 92.4 -62.2 111.5 326	0.933 0.0 1.0	0.0 0.969 0.0	56.0 93.3 -60.5 111.3 327	0.95 0.0 1.0	0.0 0.943 0.0	55.0 92.4 -62.2 111.5 326	0.95 0.0 1.0
337	327	326	1.0 0.0	0.827 55.1 89.2 -37.8 96.9 337	0.969 0.0 1.0	56.0 93.3 -60.5 111.3 327	0.95 0.0 1.0	0.0 0.943 0.0	56.0 93.3 -60.5 111.3 327	0.95 0.0 1.0	0.0 0.994 0.0	57.1 94.2 -58.7 110.0 328	0.967 0.0 1.0	0.0 0.969 0.0	56.0 93.3 -60.5 111.3 327	0.967 0.0 1.0
338	328	327	1.0 0.0	0.811 54.9 88.8 -35.8 95.8 338	0.994 0.0 1.0	57.1 94.2 -58.7 110.0 328	0.967 0.0 1.0	0.0 0.994 0.0	57.1 94.2 -58.7 110.0 328	0.967 0.0 1.0	0.0 0.994 0.0	58.3 94.6 -33.8 94.6 339	0.983 0.0 1.0	0.0 0.994 0.0	57.1 94.2 -58.7 110.0 328	0.983 0.0 1.0
339	329	328	1.0 0.0	0.794 54.7 88.3 -33.8 94.6 339	1.0 0.0	59.4 94.7 88.3 -33.8 94.6 339	0.983 0.0 1.0	0.0 0.994 0.0	59.4 94.7 88.3 -33.8 94.6 339	0.983 0.0 1.0	0.0 0.778 0.0	59.4 94.7 88.3 -33.8 94.6 339	0.983 0.0 1.0	0.0 0.994 0.0	59.4 94.7 88.3 -33.8 94.6 339	0.983 0.0 1.0
340	330	329	1.0 0.0	0.778 54.5 87.7 -31.8 93.4 340	1.0 0.0	60.6 95.3 -29.9 92.2 341	0.983 0.0 1.0	0.0 0.994 0.0	60.6 95.3 -29.9 92.2 341	0.983 0.0 1.0	0.0 0.778 0.0	61.7 96.2 -28.1 91.1 342	0.983 0.0 1.0	0.0 0.994 0.0	60.6 95.3 -29.9 92.2 341	0.983 0.0 1.0
341	331	330	1.0 0.0	0.761 54.3 87.2 -29.9 92.2 341	1.0 0.0	61.7 96.2 -28.1 91.1 342	0.983 0.0 1.0	0.0 0.994 0.0	61.7 96.2 -28.1 91.1 342	0.983 0.0 1.0	0.0 0.778 0.0	62.8 97.1 -27.1 90.1 343	0.983 0.0 1.0	0.0 0.994 0.0	61.7 96.2 -28.1 91.1 342	0.983 0.0 1.0
342	332	331	1.0 0.0	0.746 54.2 86.7 -28.1 91.1 342	1.0 0.0	62.8 97.1 -27.1 90.1 343	0.983 0.0 1.0	0.0 0.994 0.0	62.8 97.1 -27.1 90.1 343	0.983 0.0 1.0	0.0 0.778 0.0	63.9 98.0 -26.1 89.0 344	0.983 0.0 1.0	0.0 0.994 0.0	62.8 97.1 -27.1 90.1 343	0.983 0.0 1.0
343	333	331	1.0 0.0	0.733 54.1 86.5 -26.3 89.0 343	1.0 0.0	63.9 98.0 -26.3 89.0 343	0.983 0.0 1.0	0.0 0.994 0.0	63.9 98.0 -26.3 89.0 343	0.983 0.0 1.0	0.0 0.778 0.0	65.0 98.9 -25.1 88.9 344	0.983 0.0 1.0	0.0 0.994 0.0</		

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
355	345	343	1.0 0.0 0.586	52.7 83.3 -7.2	83.6 355	1.0 0.0 0.707	53.8 86.0 -23.0	89.1 345	1.0 0.0 0.75	1.0 0.0 0.733	54.1 86.5 -26.3	90.5 343	1.0 0.0 0.75
356	346	344	1.0 0.0 0.575	52.6 83.1 -5.7	83.3 356	1.0 0.0 0.695	53.7 85.7 -21.3	88.4 346	1.0 0.0 0.733	1.0 0.0 0.72	53.9 86.3 -24.6	89.8 344	1.0 0.0 0.733
357	347	345	1.0 0.0 0.564	52.6 82.9 -4.2	83.0 357	1.0 0.0 0.682	53.6 85.4 -19.6	87.7 347	1.0 0.0 0.717	1.0 0.0 0.707	53.8 86.0 -23.0	89.1 345	1.0 0.0 0.717
358	348	346	1.0 0.0 0.554	52.5 82.7 -2.8	82.7 358	1.0 0.0 0.669	53.4 85.1 -18.0	87.0 348	1.0 0.0 0.7	1.0 0.0 0.695	53.7 85.7 -21.3	88.4 346	1.0 0.0 0.7
359	349	347	1.0 0.0 0.543	52.4 82.4 -1.3	82.4 359	1.0 0.0 0.656	53.3 84.7 -16.4	86.3 349	1.0 0.0 0.683	1.0 0.0 0.682	53.6 85.4 -19.6	87.7 347	1.0 0.0 0.683
0	350	348	1.0 0.0 0.532	52.3 82.1 0.0	82.1 0	1.0 0.0 0.643	53.2 84.3 -14.8	85.6 350	1.0 0.0 0.667	1.0 0.0 0.669	53.4 85.1 -18.0	87.0 348	1.0 0.0 0.667
1	351	349	1.0 0.0 0.521	52.2 81.8 1.4	81.8 1	1.0 0.0 0.63	53.1 83.9 -13.2	84.9 351	1.0 0.0 0.65	1.0 0.0 0.656	53.3 84.7 -16.4	86.3 349	1.0 0.0 0.65
2	352	349	1.0 0.0 0.51	52.1 81.5 2.8	81.6 2	1.0 0.0 0.619	53.0 83.6 -11.7	84.4 352	1.0 0.0 0.633	1.0 0.0 0.656	53.3 84.7 -16.4	86.3 349	1.0 0.0 0.633
3	353	350	1.0 0.0 0.499	52.1 81.2 4.3	81.3 3	1.0 0.0 0.608	52.9 83.5 -10.2	84.2 353	1.0 0.0 0.617	1.0 0.0 0.643	53.2 84.3 -14.8	85.6 350	1.0 0.0 0.617
4	354	351	1.0 0.0 0.489	52.0 81.2 5.7	81.4 4	1.0 0.0 0.597	52.8 83.4 -8.7	83.9 354	1.0 0.0 0.6	1.0 0.0 0.63	53.1 83.9 -13.2	84.9 351	1.0 0.0 0.6
5	355	352	1.0 0.0 0.479	51.9 81.1 7.1	81.4 5	1.0 0.0 0.586	52.7 83.3 -7.2	83.6 355	1.0 0.0 0.583	1.0 0.0 0.619	53.0 83.6 -11.7	84.4 352	1.0 0.0 0.583
6	356	353	1.0 0.0 0.469	51.9 81.1 8.5	81.5 6	1.0 0.0 0.575	52.6 83.1 -5.7	83.3 356	1.0 0.0 0.567	1.0 0.0 0.608	52.9 83.5 -10.2	84.2 353	1.0 0.0 0.567
7	357	354	1.0 0.0 0.459	51.8 81.0 9.9	81.6 7	1.0 0.0 0.564	52.6 82.9 -4.2	83.0 357	1.0 0.0 0.55	1.0 0.0 0.597	52.8 83.4 -8.7	83.9 354	1.0 0.0 0.55
8	358	355	1.0 0.0 0.449	51.8 80.9 11.4	81.6 8	1.0 0.0 0.554	52.5 82.7 -2.8	82.7 358	1.0 0.0 0.533	1.0 0.0 0.586	52.7 83.3 -7.2	83.6 355	1.0 0.0 0.533
9	359	356	1.0 0.0 0.439	51.7 80.7 12.8	81.7 9	1.0 0.0 0.543	52.4 82.4 -1.3	82.4 359	1.0 0.0 0.517	1.0 0.0 0.575	52.6 83.1 -5.7	83.3 356	1.0 0.0 0.517
10	360	357	1.0 0.0 0.429	51.7 80.6 14.2	81.8 10	1.0 0.0 0.532	52.3 82.1 0.0	82.1 0	1.0 0.0 0.5	1.0 0.0 0.564	52.6 82.9 -4.2	83.0 357	1.0 0.0 0.5
11	361	358	1.0 0.0 0.418	51.6 80.4 15.6	81.9 11	1.0 0.0 0.521	52.2 81.8 1.4	81.8 1	1.0 0.0 0.483	1.0 0.0 0.554	52.5 82.7 -2.8	82.7 358	1.0 0.0 0.483
12	362	359	1.0 0.0 0.408	51.5 80.1 17.0	81.9 12	1.0 0.0 0.51	52.1 81.5 2.8	81.6 2	1.0 0.0 0.467	1.0 0.0 0.543	52.4 82.4 -1.3	82.4 359	1.0 0.0 0.467
13	363	360	1.0 0.0 0.398	51.5 79.9 18.4	82.0 13	1.0 0.0 0.499	52.1 81.2 4.3	81.3 3	1.0 0.0 0.45	1.0 0.0 0.532	52.3 82.1 0.0	82.1 0	1.0 0.0 0.45
14	364	361	1.0 0.0 0.388	51.4 79.6 19.9	82.1 14	1.0 0.0 0.489	52.0 81.2 5.7	81.4 4	1.0 0.0 0.433	1.0 0.0 0.521	52.2 81.8 1.4	81.8 1	1.0 0.0 0.433
15	365	362	1.0 0.0 0.378	51.4 79.4 21.3	82.2 15	1.0 0.0 0.479	51.9 81.1 7.1	81.4 5	1.0 0.0 0.417	1.0 0.0 0.51	52.1 81.5 2.8	81.6 2	1.0 0.0 0.417
16	366	363	1.0 0.0 0.367	51.3 79.3 22.7	82.5 16	1.0 0.0 0.469	51.9 81.1 8.5	81.5 6	1.0 0.0 0.4	1.0 0.0 0.499	52.1 81.2 4.3	81.3 3	1.0 0.0 0.4
17	367	364	1.0 0.0 0.356	51.3 79.3 24.3	82.9 17	1.0 0.0 0.459	51.8 81.0 9.9	81.6 7	1.0 0.0 0.383	1.0 0.0 0.489	52.0 81.2 5.7	81.4 4	1.0 0.0 0.383
18	368	365	1.0 0.0 0.345	51.2 79.3 25.8	83.4 18	1.0 0.0 0.449	51.8 80.9 11.4	81.6 8	1.0 0.0 0.367	1.0 0.0 0.479	51.9 81.1 7.1	81.4 5	1.0 0.0 0.367
19	369	366	1.0 0.0 0.334	51.2 79.3 27.3	83.8 19	1.0 0.0 0.439	51.7 80.7 12.8	81.7 9	1.0 0.0 0.35	1.0 0.0 0.469	51.9 81.1 8.5	81.5 6	1.0 0.0 0.35
20	370	367	1.0 0.0 0.323	51.2 79.2 28.8	84.3 20	1.0 0.0 0.429	51.7 80.6 14.2	81.8 10	1.0 0.0 0.333	1.0 0.0 0.459	51.8 81.0 9.9	81.6 7	1.0 0.0 0.333
21	371	367	1.0 0.0 0.312	51.1 79.1 30.4	84.7 21	1.0 0.0 0.418	51.6 80.4 15.6	81.9 11	1.0 0.0 0.317	1.0 0.0 0.459	51.8 81.0 9.9	81.6 7	1.0 0.0 0.317
22	372	368	1.0 0.0 0.301	51.1 79.0 31.9	85.2 22	1.0 0.0 0.408	51.5 80.1 17.0	81.9 12	1.0 0.0 0.3	1.0 0.0 0.449	51.8 80.9 11.4	81.6 8	1.0 0.0 0.3
23	373	369	1.0 0.0 0.291	51.0 78.8 33.5	85.6 23	1.0 0.0 0.398	51.5 79.9 18.4	82.0 13	1.0 0.0 0.283	1.0 0.0 0.439	51.7 80.7 12.8	81.7 9	1.0 0.0 0.283
24	374	370	1.0 0.0 0.28	51.0 78.6 35.0	86.1 24	1.0 0.0 0.388	51.4 79.6 19.9	82.1 14	1.0 0.0 0.267	1.0 0.0 0.429	51.7 80.6 14.2	81.8 10	1.0 0.0 0.267
25	375	371	1.0 0.0 0.269	50.9 78.4 36.6	86.5 25	1.0 0.0 0.378	51.4 79.4 21.3	82.2 15	1.0 0.0 0.25	1.0 0.0 0.418	51.6 80.4 15.6	81.9 11	1.0 0.0 0.25
26	376	372	1.0 0.0 0.258	50.9 78.2 38.1	87.0 26	1.0 0.0 0.367	51.3 79.3 22.7	82.5 16	1.0 0.0 0.233	1.0 0.0 0.408	51.5 80.1 17.0	81.9 12	1.0 0.0 0.233
27	377	373	1.0 0.0 0.246	50.9 78.0 39.7	87.5 27	1.0 0.0 0.356	51.3 79.3 24.3	82.9 17	1.0 0.0 0.217	1.0 0.0 0.398	51.5 79.9 18.4	82.0 13	1.0 0.0 0.217
28	378	374	1.0 0.0 0.231	50.8 78.1 41.5	88.4 28	1.0 0.0 0.345	51.2 79.3 25.8	83.4 18	1.0 0.0 0.2	1.0 0.0 0.388	51.4 79.6 19.9	82.1 14	1.0 0.0 0.2
29	379	375	1.0 0.0 0.217	50.8 78.1 43.3	89.3 29	1.0 0.0 0.334	51.2 79.3 27.3	83.8 19	1.0 0.0 0.183	1.0 0.0 0.378	51.4 79.4 21.3	82.2 15	1.0 0.0 0.183
30	380	376	1.0 0.0 0.203	50.8 78.0 45.1	90.1 30	1.0 0.0 0.323	51.2 79.2 28.8	84.3 20	1.0 0.0 0.167	1.0 0.0 0.367	51.3 79.3 22.7	82.5 16	1.0 0.0 0.167
31	381	377	1.0 0.0 0.189	50.7 78.0 46.9	91.0 31	1.0 0.0 0.312	51.1 79.1 30.4	84.7 21	1.0 0.0 0.15	1.0 0.0 0.356	51.3 79.3 24.3	82.9 17	1.0 0.0 0.15
32	382	378	1.0 0.0 0.174	50.7 77.9 48.7	91.8 32	1.0 0.0 0.301	51.1 79.0 31.9	85.2 22	1.0 0.0 0.133	1.0 0.0 0.345	51.2 79.3 25.8	83.4 18	1.0 0.0 0.133
33	383	379	1.0 0.0 0.16	50.7 77.7 50.5	92.7 33	1.0 0.0 0.291	51.0 78.8 33.5	85.6 23	1.0 0.0 0.117	1.0 0.0 0.334	51.2 79.3 27.3	83.8 19	1.0 0.0 0.117
34	384	380	1.0 0.0 0.146	50.6 77.6 52.3	93.6 34	1.0 0.0 0.28	51.0 78.6 35.0	86.1 24	1.0 0.0 0.1	1.0 0.0 0.323	51.2 79.2 28.8	84.3 20	1.0 0.0 0.1
35	385	381	1.0 0.0 0.131	50.6 77.3 54.2	94.4 35	1.0 0.0 0.269	50.9 78.4 36.6	86.5 25	1.0 0.0 0.083	1.0 0.0 0.312	51.1 79.1 30.4	84.7 21	1.0 0.0 0.083
36	386	382	1.0 0.0 0.11	50.6 77.3 56.1	95.5 36	1.0 0.0 0.258	50.9 78.2 38.1	87.0 26	1.0 0.0 0.067	1.0 0.0 0.301	51.1 79.0 31.9	85.2 22	1.0 0.0 0.067
37	387	383	1.0 0.0 0.082	50.6 77.2 58.2	96.7 37	1.0 0.0 0.246	50.9 78.0 39.7	87.5 27	1.0 0.0 0.05	1.0 0.0 0.291	51.0 78.8 33.5	85.6 23	1.0 0.0 0.05
38	388	384	1.0 0.0 0.055	50.5 77.2 60.3	98.0 38	1.0 0.0 0.231	50.8 78.1 41.5	88.4 28	1.0 0.0 0.033	1.0 0.0 0.28	51.0 78.6 35.0	86.1 24	1.0 0.0 0.033
39	389	385	1.0 0.0 0.028	50.5 77.1 62.4	99.2 39	1.0 0.0 0.217	50.8 78.1 43.3	89.3 29	1.0 0.0 0.017	1.0 0.0 0.269	50.9 78.4 36.6	86.5 25	1.0 0.0 0.017
40	390	385	1.0 0.0 0.0	50.5 76.9 64.6	100.4 40	1.0 0.0 0.203	50.8 78.0 45.1	90.1 30	1.0 0.0 0.0R <sub>s</sub>	1.0 0.0 0.269	50.9 78.4 36.6	86.5 25	1.0 0.0 0.0R <sub>e</sub>

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$



#### Notes to the CIELAB chroma diagrams ( $a^*_{\text{d}}, b^*_{\text{d}}$ , $a^*_{\text{s}}, b^*_{\text{s}}$ , $a^*_{\text{e}}, b^*_{\text{e}}$ )

- For the  $rgb^*_{\text{d}}$ -input values the CIELAB data  $LCH^*_{\text{d}}$  and  $LAB^*_{\text{d}}$  have been calculated.
- For the calculation of the standard hue angle  $h_{ab,s}$  use for any device values  $rgb^*_{\text{d}}$  the equation:  

$$h_{ab,s} = atan [ r^*_{\text{d}} \cos(30) + g^*_{\text{d}} \cos(150) ] / [ r^*_{\text{d}} \sin(30) + g^*_{\text{d}} \sin(150) + b^*_{\text{d}} \sin(270) ] \quad (1)$$
- For the 48 or 360 equally spaced standard hue angles  $h_{ab,s}$  of the colours of maximum chroma use the seven hue angles of the 60 degree colours s:  $h_{ab,si} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$  (i=0,6) and the equations for a 48 and 360 step hue circle:  

$$h_{48ab,ij} = h_{ab,si} + j [ h_{ab,si+1} - h_{ab,si} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$
  

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

$$h_{48ab,ij} = h_{ab,ei} + j [ h_{ab,ei+1} - h_{ab,ei} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$
  

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

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd50M$	$LAB^*dd50Mx$ (x=LabCh)	$rgb^*ds50M$	$LAB^*ds50Mx$ (x=LabCh)	$rgb^*s50M$	$rgb^*de50M$	$LAB^*de50Mx$ (x=LabCh)	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
40.0	30.0	25.5	1.0 0.0 0.0	50.5 76.9 64.6	100.4 40.0	1.0 0.0 0.203	50.8 78.0 45.1	90.1 30	1.0 0.0 0.0	1.0 0.0 0.269	50.9 78.4 36.6	86.5 25	1.0 0.0 0.0
41.3	37.5	33.8	1.0 0.125 0.0	51.5 73.9 64.9	98.4 41.3	1.0 0.0 0.055	50.5 77.2 60.3	98.0 38	1.0 0.125 0.0	1.0 0.0 0.146	50.6 77.6 52.3	93.6 34	1.0 0.125 0.0
44.7	45.0	42.2	1.0 0.25 0.0	54.1 66.7 66.0	93.8 44.7	1.0 0.256 0.0	54.3 66.1 66.1	93.5 45	1.0 0.25 0.0	1.0 0.151 0.0	52.1 72.4 65.2	97.5 42	1.0 0.25 0.0
50.8	52.5	50.5	1.0 0.375 0.0	58.2 55.5 68.0	87.7 50.8	1.0 0.406 0.0	59.6 52.0 69.0	86.4 53	1.0 0.375 0.0	1.0 0.378 0.0	58.3 55.1 68.1	87.6 51	1.0 0.375 0.0
59.8	60.0	58.9	1.0 0.5 0.0	63.7 41.4 71.0	82.2 59.8	1.0 0.502 0.0	63.8 41.1 71.2	82.2 60	1.0 0.5 0.0	1.0 0.489 0.0	63.2 42.6 70.9	82.7 59	1.0 0.5 0.0
71.0	67.5	67.2	1.0 0.625 0.0	70.1 25.8 75.0	79.4 71.0	1.0 0.591 0.0	68.4 30.0 74.3	80.1 68	1.0 0.625 0.0	1.0 0.58 0.0	67.8 31.4 74.0	80.4 67	1.0 0.625 0.0
83.0	75.0	75.6	1.0 0.75 0.0	77.2 9.8 79.8	80.4 83.0	1.0 0.667 0.0	72.5 20.6 77.0	79.7 75	1.0 0.75 0.0	1.0 0.677 0.0	73.1 19.3 77.4	79.8 76	1.0 0.75 0.0
93.9	82.5	84.0	1.0 0.875 0.0	84.8 -5.7 85.1	85.3 93.9	1.0 0.75 0.0	77.3 9.8 79.8	80.4 83	1.0 0.875 0.0	1.0 0.762 0.0	78.0 8.5 80.4	80.9 84	1.0 0.875 0.0
102.9	90.0	92.3	1.0 1.0 0.0	92.7 -20.6 90.8	93.1 102.9	1.0 0.831 0.0	82.1 0.0 83.5	83.5 90	1.0 1.0 0.0	1.0 0.853 0.0	83.5 -2.8 84.4	84.4 92	1.0 1.0 0.0
110.6	97.5	101.1	0.875 1.0 0.0	90.4 -33.0 88.1	94.1 110.6	1.0 0.932 0.0	88.4 -12.3 88.0	88.9 98	0.875 1.0 0.0	1.0 0.974 0.0	91.0 -17.4 89.8	91.5 101	0.875 1.0 0.0
117.6	105.0	109.8	0.75 1.0 0.0	88.5 -44.8 85.8	96.9 117.6	0.965 1.0 0.0	92.0 -24.1 90.2	93.4 105	0.75 1.0 0.0	0.884 1.0 0.0	90.6 -32.1 88.4	94.1 110	0.75 1.0 0.0
123.6	112.5	118.5	0.625 1.0 0.0	87.0 -55.7 83.9	100.8 123.6	0.832 1.0 0.0	89.8 -37.1 87.5	95.1 113	0.625 1.0 0.0	0.721 1.0 0.0	88.2 -47.3 85.5	97.8 119	0.625 1.0 0.0
128.4	120.0	127.3	0.5 1.0 0.0	85.7 -65.1 82.4	105.1 128.4	0.7 1.0 0.0	87.9 -49.1 85.3	98.4 120	0.5 1.0 0.0	0.536 1.0 0.0	86.1 -62.4 83.0	103.9 127	0.5 1.0 0.0
131.9	127.5	136.0	0.375 1.0 0.0	84.8 -72.7 81.3	109.1 131.9	0.51 1.0 0.0	85.8 -64.4 82.6	104.8 128	0.375 1.0 0.0	0.004 1.0 0.0	83.6 -82.6 79.9	115.0 136	0.375 1.0 0.0
134.2	135.0	144.7	0.25 1.0 0.0	84.1 -78.2 80.5	112.3 134.2	0.173 1.0 0.0	83.9 -80.2 80.3	113.5 135	0.25 1.0 0.0	0.0 1.0 0.416 84.1	-76.6 53.7 93.6	145 0.25 1.0 0.0	
135.5	142.5	153.5	0.125 1.0 0.0	83.8 -81.4 80.1	114.2 135.5	0.1 0.368 84.0	-77.9 58.8	97.7 143	0.125 1.0 0.0	0.0 1.0 0.575 84.6	-70.8 36.1 79.6	153 0.125 1.0 0.0	
136.0	150.0	162.2	0.0 1.0 0.0	83.6 -82.7 79.9	115.0 136.0	0.0 1.0 0.523	84.4 -72.9 42.1	84.3 150	0.0 1.0 0.0	1.0 0.703 85.1	-64.7 21.1 68.2	162 0.0 1.0 0.0	
137.0	157.5	169.1	0.0 1.0 0.125	83.7 -82.1 76.6	112.3 137.0	0.0 1.0 0.652	84.9 -67.3 27.2	72.7 158	0.0 1.0 0.125	1.0 0.782 85.5	-60.4 11.8 61.7	169 0.0 1.0 0.125	
139.4	165.0	175.9	0.0 1.0 0.25	83.8 -80.5 69.1	106.2 139.4	0.0 1.0 0.742	85.3 -62.5 16.8	64.8 165	0.0 1.0 0.25	1.0 0.848 85.9	-56.4 4.0 56.6	176 0.0 1.0 0.25	
143.2	172.5	182.8	0.0 1.0 0.375	84.0 -77.7 58.1	97.1 143.2	0.0 1.0 0.82	85.7 -58.2 7.2	58.8 173	0.0 1.0 0.375	1.0 0.905 86.2	-52.9 -2.7 53.1	183 0.0 1.0 0.375	
148.6	180.0	189.6	0.0 1.0 0.5	84.3 -73.7 45.0	86.4 148.6	0.0 1.0 0.883	86.1 -54.1 0.0	54.2 180	0.0 1.0 0.5	1.0 0.955 86.6	-49.6 -8.7 50.5	190 0.0 1.0 0.5	
155.9	187.5	196.4	0.0 1.0 0.625	84.8 -68.4 30.7	75.1 155.9	0.0 1.0 0.94	86.5 -50.6 -7.0	51.2 188	0.0 1.0 0.625	1.0 0.997 86.9	-46.3 -13.2 48.3	196 0.0 1.0 0.625	
165.6	195.0	203.3	0.0 1.0 0.75	85.4 -62.0 15.9	64.1 165.6	0.0 1.0 0.99	86.8 -46.9 -12.5	48.6 195	0.0 1.0 0.75	0.965 1.0 0.0	84.4 -42.7 -18.0 46.4	203 0.0 1.0 0.75	
178.9	202.5	210.1	0.0 1.0 0.875	86.0 -54.5 1.1	54.6 178.9	0.0 0.965 1.0	84.4 -42.7 -18.0	46.4 203	0.0 1.0 0.875	0.927 1.0 0.0	81.7 -38.6 -22.2 44.7	210 0.0 1.0 0.875	
196.4	210.0	217.0	0.0 1.0 1.0	86.9 -46.1 -13.5	48.1 196.4	0.0 0.927 1.0	81.7 -38.6 -22.2	44.7 210	0.0 1.0 0.0	0.89 1.0 0.0	79.1 -34.1 -25.7	42.9 217 0.0 1.0 1.0	
219.8	217.5	223.8	0.0 0.875 1.0	78.0 -32.3 -26.9	42.2 219.8	0.0 0.885 1.0	78.7 -33.5 -26.1	42.6 218	0.0 0.875 1.0	0.856 1.0 0.0	76.7 -30.4 -29.4	42.5 224 0.0 0.875 1.0	
247.3	225.0	230.7	0.0 0.75 1.0	69.1 -17.0 -40.6	44.2 247.3	0.0 0.851 1.0	76.3 -30.0 -30.0	42.5 225	0.0 0.75 1.0	0.824 1.0 0.0	74.4 -26.9 -33.3	43.0 231 0.0 0.75 1.0	
269.8	232.5	237.5	0.0 0.625 1.0	60.3 0.0 -54.5	54.6 269.8	0.0 0.815 1.0	73.7 -25.9 -34.3	43.1 233	0.0 0.625 1.0	0.792 1.0 0.0	72.1 -23.0 -36.8	43.5 238 0.0 0.625 1.0	
285.0	240.0	244.4	0.0 0.5 1.0	51.8 18.3 -68.2	70.7 285.0	0.0 0.783 1.0	71.5 -21.7 -37.7	43.6 240	0.0 0.5 1.0	0.765 1.0 0.0	70.2 -19.2 -39.4	43.9 244 0.0 0.5 1.0	
294.9	247.5	251.2	0.0 0.375 1.0	43.9 37.7 -81.1	89.6 294.9	0.0 0.746 1.0	68.8 -16.6 -41.2	44.5 248	0.0 0.375 1.0	0.729 1.0 0.0	67.7 -14.8 -43.3	45.9 251 0.0 0.375 1.0	
301.2	255.0	258.0	0.0 0.25 1.0	37.2 55.9 -92.2	107.9 301.2	0.0 0.707 1.0	66.1 -12.3 -46.0	47.8 255	0.0 0.25 1.0	0.691 1.0 0.0	64.9 -10.1 -48.0	49.1 258 0.0 0.25 1.0	
304.8	262.5	264.9	0.0 0.125 1.0	32.5 69.6 -100.0	121.9 304.8	0.0 0.663 1.0	63.0 -6.2 -51.0	51.5 263	0.0 0.125 1.0	0.652 1.0 0.0	62.2 -4.5 -52.1	52.4 265 0.0 0.125 1.0	
306.3	270.0	271.7	0.0 0.0 1.0	30.4 76.1 -103.5	128.5 306.3	0.0 0.624 1.0	60.2 0.0 -54.7	54.8 270	0.0 0.0 1.0	0.607 1.0 0.0	59.1 2.0 -56.8	56.9 272 0.0 0.0 1.0	
306.7	277.5	278.8	0.125 0.0 1.0	31.0 76.3 -102.4	127.8 306.7	0.0 0.558 1.0	55.7 8.8 -62.6	63.3 278	0.125 0.0 1.0	0.55 1.0 0.0	55.2 10.1 -63.5	64.3 279 0.125 0.0 1.0	
307.6	285.0	286.0	0.25 0.0 1.0	32.6 76.8 -99.7	126.0 307.6	0.0 0.5 1.0	51.8 18.3 -68.2	70.7 285	0.25 0.0 1.0	0.488 1.0 0.0	51.0 20.0 -69.7	72.6 286 0.25 0.0 1.0	
309.2	292.5	293.1	0.375 0.0 1.0	35.2 78.0 -95.4	123.3 309.2	0.0 0.399 1.0	45.4 33.6 -79.0	86.0 293	0.375 0.0 1.0	0.399 1.0 0.0	45.4 33.6 -79.0	86.0 293 0.375 0.0 1.0	
311.7	300.0	302.0	0.5 0.0 1.0	38.6 79.9 -89.6	120.1 311.7	0.0 0.274 1.0	38.4 52.2 -90.4	104.5 300	0.5 0.0 1.0	0.274 1.0 0.0	38.4 52.2 -90.4	104.5 300 0.5 0.0 1.0	
314.9	307.5	307.3	0.625 0.0 1.0	42.7 82.5 -82.7	116.9 314.9	0.282 0.0 1.0	33.2 77.2 -98.6	125.3 308	0.625 0.0 1.0	0.172 0.0 1.0	31.6 76.5 -101.4	127.1 307 0.625 0.0 1.0	
318.8	315.0	314.4	0.75 0.0 1.0	47.3 85.9 -75.0	114.1 318.8	0.628 0.0 1.0	42.8 82.6 -82.5	116.8 315	0.75 0.0 1.0	0.59 0.0 1.0	41.6 81.8 -84.6	117.8 314 0.75 0.0 1.0	
323.3	322.5	321.5	0.875 0.0 1.0	52.2 89.9 -66.8	112.1 323.3	0.866 0.0 1.0	51.8 89.6 -67.4	112.2 323	0.875 0.0 1.0	0.81 0.0 1.0	49.7 87.9 -71.1	113.1 321 0.875 0.0 1.0	
328.2	330.0	328.6	1.0 0.0 1.0	57.3 94.4 -58.3	111.0 328.2	1.0 0.0 0.962	56.8 93.4 -53.8	107.8 330	1.0 0.0 1.0	0.984 57.1 93.9	-56.4 109.6 329	1.0 0.0 1.0	
334.1	337.5	335.7	1.0 0.0 0.875	55.6 90.3 -43.8	100.4 334.1	1.0 0.0 0.811	54.9 88.8 -35.8	95.8 338	1.0 0.0 0.875	0.843 55.3 89.6	-39.8 98.1 336	1.0 0.0 0.875	
341.7	345.0	342.8	1.0 0.0 0.75	54.2 86.7 -28.6	91.4 341.7	1.0 0.0 0.707	53.8 86.0 -23.0	89.1 345	1.0 0.0 0.75	1.0 0.0 0.733	54.1 86.5 -26.3	90.5 343 1.0 0.0 0.75	
351.4	352.5	349.9	1.0 0.0 0.625	53.0 83.7 -12.5	84.6 351.4	1.0 0.0 0.608	52.9 83.5 -10.2	84.2 353	1.0 0.0 0.625	1.0 0.0 0.643	53.2 84.3 -14.8	85.6 350 1.0 0.0 0.625	
362.9	360.0	357.0	1.0 0.0 0.5	52.1 81.2 4.2	81.3 362.9	1.0 0.0 0.532	52.3 82.1 0.0	82.1 0	1.0 0.0 0.5	1.0 0.0 0.564	52.6 82.9 -4.2	83.0 357 1.0 0.0 0.5	
375.3	367.5	364.2	1.0 0.0 0.375	51.4 79.3 21.7	82.2 375.3	1.0 0.0 0.449	51.8 80.9 11.4	81.6 8	1.0 0.0 0.375	1.0 0.0 0.489	52.0 81.2 5.7	81.4 4 1.0 0.0 0.375	
386.7	375.0	371.3	1.0 0.0 0.25	50.9 78.0 39.2	87.3 386.7	1.0 0.0 0.378	51.4 79.4 21.3	82.2 15	1.0 0.0 0.25	1.0 0.0 0.418	51.6 80.4 15.6	81.9 11 1.0 0.0 0.25	
395.4	382.5	378.4	1.0 0.0 0.125	50.6 77.2 55.0	94.8 395.4	1.0 0.0 0.291	51.0 78.8 33.5	85.6 23	1.0 0.0 0.125	1.0 0.0 0.345	51.2 79.3 25.8	83.4 18 1.0 0.0 0.125	
400.0	390.0	385.5	1.0 0.0 0.0	50.5 76.9 64.6	100.4 400.0	1.0 0.0 0.203	50.8 78.0 45.1	90.1 30	1.0 0.0 0.0	1.0 0.0 0.269	50.9 78.4 36.6	86.5 25 1.0 0.0 0.0	

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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: $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																			
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$							
40	30	25	1.0 0.0 0.0	50.5 76.9 64.6	100.4 40 $R_d$	1.0 0.0 0.203	50.8 78.0 45.1	90.1 30	1.0 0.0 0.0 $R_s$	1.0 0.0 0.269	50.9 78.4 36.6	86.5 25	1.0 0.0 0.0 $R_e$						
41	31	27	1.0 0.095 0.0	51.3 74.6 64.9	98.9 41	1.0 0.0 0.189	50.7 78.0 46.9	91.0 31	1.0 0.017 0.0	1.0 0.0 0.246	50.9 78.0 39.7	87.5 27	1.0 0.017 0.0						
42	32	28	1.0 0.151 0.0	52.1 72.4 65.2	97.5 42	1.0 0.0 0.174	50.7 77.9 48.7	91.8 32	1.0 0.033 0.0	1.0 0.0 0.231	50.8 78.1 41.5	88.4 28	1.0 0.033 0.0						
43	33	29	1.0 0.188 0.0	52.8 70.3 65.5	96.1 43	1.0 0.0 0.16	50.7 77.7 50.5	92.7 33	1.0 0.05 0.0	1.0 0.0 0.217	50.8 78.1 43.3	89.3 29	1.0 0.05 0.0						
44	34	30	1.0 0.225 0.0	53.6 68.2 65.8	94.8 44	1.0 0.0 0.146	50.6 77.6 52.3	93.6 34	1.0 0.067 0.0	1.0 0.0 0.203	50.8 78.0 45.1	90.1 30	1.0 0.067 0.0						
45	35	31	1.0 0.256 0.0	54.3 66.1 66.1	93.5 45	1.0 0.0 0.131	50.6 77.3 54.2	94.4 35	1.0 0.083 0.0	1.0 0.0 0.189	50.7 78.0 46.9	91.0 31	1.0 0.083 0.0						
46	36	32	1.0 0.277 0.0	55.0 64.3 66.6	92.5 46	1.0 0.0 0.11	50.6 77.3 56.1	95.5 36	1.0 0.1 0.0	1.0 0.0 0.174	50.7 77.9 48.7	91.8 32	1.0 0.1 0.0						
47	37	33	1.0 0.297 0.0	55.6 62.4 66.9	91.5 47	1.0 0.0 0.082	50.6 77.2 58.2	96.7 37	1.0 0.117 0.0	1.0 0.0 0.16	50.7 77.7 50.5	92.7 33	1.0 0.117 0.0						
48	38	34	1.0 0.318 0.0	56.3 60.6 67.3	90.5 48	1.0 0.0 0.055	50.5 77.2 60.3	98.0 38	1.0 0.133 0.0	1.0 0.0 0.146	50.6 77.6 52.3	93.6 34	1.0 0.133 0.0						
49	39	36	1.0 0.338 0.0	57.0 58.7 67.6	89.5 49	1.0 0.0 0.028	50.5 77.1 62.4	99.2 39	1.0 0.15 0.0	1.0 0.0 0.11	50.6 77.3 56.1	95.5 36	1.0 0.15 0.0						
50	40	37	1.0 0.359 0.0	57.7 56.9 67.8	88.5 50	1.0 0.0 0.0	50.5 76.9 64.6	100.4 40	1.0 0.167 0.0	1.0 0.0 0.082	50.6 77.2 58.2	96.7 37	1.0 0.167 0.0						
51	41	38	1.0 0.378 0.0	58.3 55.1 68.1	87.6 51	1.0 0.095 0.0	51.3 74.6 64.9	98.9 41	1.0 0.183 0.0	1.0 0.0 0.055	50.5 77.2 60.3	98.0 38	1.0 0.183 0.0						
52	42	39	1.0 0.392 0.0	58.9 53.6 68.6	87.0 52	1.0 0.151 0.0	52.1 72.4 65.2	97.5 42	1.0 0.2 0.0	1.0 0.0 0.028	50.5 77.1 62.4	99.2 39	1.0 0.2 0.0						
53	43	40	1.0 0.406 0.0	59.6 52.0 69.0	86.4 53	1.0 0.188 0.0	52.8 70.3 65.5	96.1 43	1.0 0.217 0.0	1.0 0.0 0.0	50.5 76.9 64.6	100.4 40	1.0 0.217 0.0						
54	44	41	1.0 0.42 0.0	60.2 50.4 69.4	85.8 54	1.0 0.225 0.0	53.6 68.2 65.8	94.8 44	1.0 0.233 0.0	1.0 0.0 0.095	50.0 51.3 74.6	64.9 41	1.0 0.233 0.0						
55	45	42	1.0 0.433 0.0	60.8 48.8 69.8	85.2 55	1.0 0.256 0.0	54.3 66.1 66.1	93.5 45	1.0 0.25 0.0	1.0 0.151 0.0	52.1 72.4 65.2	97.5 42	1.0 0.25 0.0						
56	46	43	1.0 0.447 0.0	61.4 47.3 70.1	84.5 56	1.0 0.277 0.0	55.0 64.3 66.6	92.5 46	1.0 0.267 0.0	1.0 0.188 0.0	52.8 70.3 65.5	96.1 43	1.0 0.267 0.0						
57	47	44	1.0 0.461 0.0	62.0 45.7 70.4	83.9 57	1.0 0.297 0.0	55.6 62.4 66.9	91.5 47	1.0 0.283 0.0	1.0 0.225 0.0	53.6 68.2 65.8	94.8 44	1.0 0.283 0.0						
58	48	46	1.0 0.475 0.0	62.6 44.1 70.7	83.3 58	1.0 0.318 0.0	56.3 60.6 67.3	90.5 48	1.0 0.3 0.0	1.0 0.277 0.0	55.0 64.3 66.6	92.5 46	1.0 0.3 0.0						
59	49	47	1.0 0.489 0.0	63.2 42.6 70.9	82.7 59	1.0 0.338 0.0	57.0 58.7 67.6	89.5 49	1.0 0.317 0.0	1.0 0.297 0.0	55.6 62.4 66.9	91.5 47	1.0 0.317 0.0						
60	50	48	1.0 0.502 0.0	63.8 41.1 71.2	82.2 60	1.0 0.359 0.0	57.7 56.9 67.8	88.5 50	1.0 0.333 0.0	1.0 0.318 0.0	56.3 60.6 67.3	90.5 48	1.0 0.333 0.0						
61	51	49	1.0 0.513 0.0	64.4 39.7 71.6	81.9 61	1.0 0.378 0.0	58.3 55.1 68.1	87.6 51	1.0 0.35 0.0	1.0 0.338 0.0	57.0 58.7 67.6	89.5 49	1.0 0.35 0.0						
62	52	50	1.0 0.525 0.0	64.9 38.3 72.1	81.7 62	1.0 0.392 0.0	58.9 53.6 68.6	87.0 52	1.0 0.367 0.0	1.0 0.359 0.0	57.7 56.9 67.8	88.5 50	1.0 0.367 0.0						
63	53	51	1.0 0.536 0.0	65.5 37.0 72.5	81.4 63	1.0 0.406 0.0	59.6 52.0 69.0	86.4 53	1.0 0.383 0.0	1.0 0.378 0.0	58.3 55.1 68.1	87.6 51	1.0 0.383 0.0						
64	54	52	1.0 0.547 0.0	66.1 35.6 72.9	81.1 64	1.0 0.42 0.0	60.2 50.4 69.4	85.8 54	1.0 0.4 0.0	1.0 0.392 0.0	58.9 53.6 68.6	87.0 52	1.0 0.4 0.0						
65	55	53	1.0 0.558 0.0	66.7 34.2 73.3	80.9 65	1.0 0.433 0.0	60.8 48.8 69.8	85.2 55	1.0 0.417 0.0	1.0 0.406 0.0	59.6 52.0 69.0	86.4 53	1.0 0.417 0.0						
66	56	54	1.0 0.569 0.0	67.2 32.8 73.7	80.6 66	1.0 0.447 0.0	61.4 47.3 70.1	84.5 56	1.0 0.433 0.0	1.0 0.42 0.0	60.2 50.4 69.4	85.8 54	1.0 0.433 0.0						
67	57	56	1.0 0.58 0.0	67.8 31.4 74.0	80.4 67	1.0 0.461 0.0	62.0 45.7 70.4	83.9 57	1.0 0.45 0.0	1.0 0.447 0.0	61.4 47.3 70.1	84.5 56	1.0 0.45 0.0						
68	58	57	1.0 0.591 0.0	68.4 30.0 74.3	80.1 68	1.0 0.475 0.0	62.6 44.1 70.7	83.3 58	1.0 0.467 0.0	1.0 0.461 0.0	62.0 45.7 70.4	83.9 57	1.0 0.467 0.0						
69	59	58	1.0 0.602 0.0	69.0 28.6 74.6	79.9 69	1.0 0.489 0.0	63.2 42.6 70.9	82.7 59	1.0 0.483 0.0	1.0 0.475 0.0	62.6 44.1 70.7	83.3 58	1.0 0.483 0.0						
70	60	59	1.0 0.614 0.0	69.5 27.2 74.8	79.6 70	1.0 0.502 0.0	63.8 41.1 71.2	82.2 60	1.0 0.5 0.0	1.0 0.489 0.0	63.2 42.6 70.9	82.7 59	1.0 0.5 0.0						
71	61	60	1.0 0.625 0.0	70.1 25.8 75.0	79.4 71	1.0 0.513 0.0	64.4 39.7 71.6	81.9 61	1.0 0.517 0.0	1.0 0.502 0.0	63.8 41.1 71.2	82.2 60	1.0 0.517 0.0						
72	62	61	1.0 0.635 0.0	70.7 24.5 75.6	79.4 72	1.0 0.525 0.0	64.9 38.3 72.1	81.7 62	1.0 0.533 0.0	1.0 0.513 0.0	64.4 39.7 71.6	81.9 61	1.0 0.533 0.0						
73	63	62	1.0 0.646 0.0	71.3 23.3 76.1	79.5 73	1.0 0.536 0.0	65.5 37.0 72.5	81.4 63	1.0 0.55 0.0	1.0 0.525 0.0	64.9 38.3 72.1	81.7 62	1.0 0.55 0.0						
74	64	63	1.0 0.656 0.0	71.9 21.9 76.5	79.6 74	1.0 0.547 0.0	66.1 35.6 72.9	81.1 64	1.0 0.567 0.0	1.0 0.536 0.0	65.5 37.0 72.5	81.4 63	1.0 0.567 0.0						
75	65	64	1.0 0.667 0.0	72.5 20.6 77.0	79.7 75	1.0 0.558 0.0	66.7 34.2 73.3	80.9 65	1.0 0.583 0.0	1.0 0.547 0.0	66.1 35.6 72.9	81.1 64	1.0 0.583 0.0						
76	66	66	1.0 0.677 0.0	73.1 19.3 77.4	79.8 76	1.0 0.569 0.0	67.2 32.8 73.7	80.6 66	1.0 0.6 0.0	1.0 0.569 0.0	67.2 32.8 73.7	80.6 66	1.0 0.6 0.0						
77	67	67	1.0 0.688 0.0	73.7 18.0 77.8	79.9 77	1.0 0.58 0.0	67.8 31.4 74.0	80.4 67	1.0 0.617 0.0	1.0 0.58 0.0	67.8 31.4 74.0	80.4 67	1.0 0.617 0.0						
78	68	68	1.0 0.698 0.0	74.3 16.6 78.2	80.0 78	1.0 0.591 0.0	68.4 30.0 74.3	80.1 68	1.0 0.633 0.0	1.0 0.591 0.0	68.4 30.0 74.3	80.1 68	1.0 0.633 0.0						
79	69	69	1.0 0.708 0.0	74.9 15.3 78.6	80.1 79	1.0 0.602 0.0	69.0 28.6 74.6	79.9 69	1.0 0.65 0.0	1.0 0.602 0.0	69.0 28.6 74.6	79.9 69	1.0 0.65 0.0						
80	70	70	1.0 0.719 0.0	75.5 13.9 78.9	80.1 80	1.0 0.614 0.0	69.5 27.2 74.8	79.6 70	1.0 0.667 0.0	1.0 0.614 0.0	69.5 27.2 74.8	79.6 70	1.0 0.667 0.0						
81	71	71	1.0 0.729 0.0	76.1 12.6 79.2	80.2 81	1.0 0.625 0.0	70.1 25.8 75.0	79.4 71	1.0 0.683 0.0	1.0 0.625 0.0	70.1 25.8 75.0	79.4 71	1.0 0.683 0.0						
82	72	72	1.0 0.74 0.0	76.7 11.2 79.5	80.3 82	1.0 0.635 0.0	70.7 24.5 75.6	79.4 72	1.0 0.7 0.0	1.0 0.635 0.0	70.7 24.5 75.6	79.4 72	1.0 0.7 0.0						
83	73	73	1.0 0.75 0.0	77.3 9.8 79.8	80.4 83	1.0 0.646 0.0	71.3 23.3 76.1	79.5 73	1.0 0.717 0.0	1.0 0.646 0.0	71.3 23.3 76.1	79.5 73	1.0 0.717 0.0						
84	74	74	1.0 0.762 0.0	78.0 8.5 80.4	80.9 84	1.0 0.656 0.0	71.9 21.9 76.5	79.6 74	1.0 0.733 0.0	1.0 0.656 0.0	71.9 21.9 76.5	79.6 74	1.0 0.733 0.0						
85	75	76	1.0 0.773 0.0	78.7 7.1 81.0	81.3 85	1.0 0.667 0.0	72.5 20.6 77.0	79.7 75	1.0 0.75 0.0	1.0 0.677 0.0	73.1 19.3 77.4	79.8 76	1.0 0.75 0.0						

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
85	75	76	1.0 0.773 0.0	78.7 7.1 81.0 81.3 85	1.0 0.667 0.0	72.5 20.6 77.0 79.7 75	1.0 0.75 0.0	1.0 0.677 0.0	73.1 19.3 77.4 79.8 76	1.0 0.75 0.0		
86	76	77	1.0 0.785 0.0	79.3 5.7 81.6 81.8 86	1.0 0.677 0.0	73.1 19.3 77.4 79.8 76	1.0 0.767 0.0	1.0 0.688 0.0	73.7 18.0 77.8 79.9 77	1.0 0.767 0.0		
87	77	78	1.0 0.796 0.0	80.0 4.3 82.1 82.2 87	1.0 0.688 0.0	73.7 18.0 77.8 79.9 77	1.0 0.783 0.0	1.0 0.698 0.0	74.3 16.6 78.2 80.0 78	1.0 0.783 0.0		
88	78	79	1.0 0.808 0.0	80.7 2.9 82.6 82.7 88	1.0 0.698 0.0	74.3 16.6 78.2 80.0 78	1.0 0.8 0.0	1.0 0.708 0.0	74.9 15.3 78.6 80.1 79	1.0 0.8 0.0		
89	79	80	1.0 0.819 0.0	81.4 1.5 83.1 83.1 89	1.0 0.708 0.0	74.9 15.3 78.6 80.1 79	1.0 0.817 0.0	1.0 0.719 0.0	75.5 13.9 78.9 80.1 80	1.0 0.817 0.0		
90	80	81	1.0 0.831 0.0	82.1 0.0 83.5 83.5 90	1.0 0.719 0.0	75.5 13.9 78.9 80.1 80	1.0 0.833 0.0	1.0 0.729 0.0	76.1 12.6 79.2 80.2 81	1.0 0.833 0.0		
91	81	82	1.0 0.842 0.0	82.8 -1.4 84.0 84.0 91	1.0 0.729 0.0	76.1 12.6 79.2 80.2 81	1.0 0.85 0.0	1.0 0.74 0.0	76.7 11.2 79.5 80.3 82	1.0 0.85 0.0		
92	82	83	1.0 0.853 0.0	83.5 -2.8 84.4 84.4 92	1.0 0.74 0.0	76.7 11.2 79.5 80.3 82	1.0 0.867 0.0	1.0 0.75 0.0	77.3 9.8 79.8 80.4 83	1.0 0.867 0.0		
93	83	85	1.0 0.865 0.0	84.2 -4.3 84.8 84.9 93	1.0 0.75 0.0	77.3 9.8 79.8 80.4 83	1.0 0.883 0.0	1.0 0.773 0.0	78.7 7.1 81.0 81.3 85	1.0 0.883 0.0		
94	84	86	1.0 0.877 0.0	84.9 -5.9 85.2 85.4 94	1.0 0.762 0.0	78.0 8.5 80.4 80.9 84	1.0 0.9 0.0	1.0 0.785 0.0	79.3 5.7 81.6 81.8 86	1.0 0.9 0.0		
95	85	87	1.0 0.891 0.0	85.8 -7.4 85.9 86.3 95	1.0 0.773 0.0	78.7 7.1 81.0 81.3 85	1.0 0.917 0.0	1.0 0.796 0.0	80.0 4.3 82.1 82.2 87	1.0 0.917 0.0		
96	86	88	1.0 0.904 0.0	86.7 -9.0 86.6 87.1 96	1.0 0.785 0.0	79.3 5.7 81.6 81.8 86	1.0 0.933 0.0	1.0 0.808 0.0	80.7 2.9 82.6 82.7 88	1.0 0.933 0.0		
97	87	89	1.0 0.918 0.0	87.5 -10.6 87.3 88.0 97	1.0 0.796 0.0	80.0 4.3 82.1 82.2 87	1.0 0.95 0.0	1.0 0.819 0.0	81.4 1.5 83.1 83.1 89	1.0 0.95 0.0		
98	88	90	1.0 0.932 0.0	88.4 -12.3 88.0 88.9 98	1.0 0.808 0.0	80.7 2.9 82.6 82.7 88	1.0 0.967 0.0	1.0 0.831 0.0	82.1 0.0 83.5 83.5 90	1.0 0.967 0.0		
99	89	91	1.0 0.946 0.0	89.3 -13.9 88.6 89.7 99	1.0 0.819 0.0	81.4 1.5 83.1 83.1 89	1.0 0.983 0.0	1.0 0.842 0.0	82.8 -1.4 84.0 84.0 91	1.0 0.983 0.0		
100	90	92	1.0 0.96 0.0	90.2 -15.6 89.2 90.6 100	1.0 0.831 0.0	82.1 0.0 83.5 83.5 90	1.0 1.0 0.0 $J_s$	1.0 0.853 0.0	83.5 -2.8 84.4 84.4 92	1.0 1.0 0.0 $J_e$		
101	91	93	1.0 0.974 0.0	91.0 -17.4 89.8 91.5 101	1.0 0.842 0.0	82.8 -1.4 84.0 84.0 91	1.0 0.983 1.0 0.0	1.0 0.865 0.0	84.2 -4.3 84.8 84.9 93	1.0 0.983 1.0 0.0		
102	92	95	1.0 0.988 0.0	91.9 -19.1 90.3 92.3 102	1.0 0.853 0.0	83.5 -2.8 84.4 84.4 92	1.0 0.967 1.0 0.0	1.0 0.891 0.0	85.8 -7.4 85.9 86.3 95	1.0 0.967 1.0 0.0		
103	93	96	0.998 1.0 0.0	92.6 -20.8 90.7 93.1 103	1.0 0.865 0.0	84.2 -4.3 84.8 84.9 93	0.95 1.0 0.0	1.0 0.904 0.0	86.7 -9.0 86.6 87.1 96	0.95 1.0 0.0		
104	94	97	0.981 1.0 0.0	92.3 -22.5 90.5 93.2 104	1.0 0.877 0.0	84.9 -5.9 85.2 85.4 94	0.933 1.0 0.0	1.0 0.918 0.0	87.5 -10.6 87.3 88.0 97	0.933 1.0 0.0		
105	95	98	0.965 1.0 0.0	92.0 -24.1 90.2 93.4 105	1.0 0.891 0.0	85.8 -7.4 85.9 86.3 95	0.917 1.0 0.0	1.0 0.932 0.0	88.4 -12.3 88.0 88.9 98	0.917 1.0 0.0		
106	96	99	0.949 1.0 0.0	91.8 -25.7 89.9 93.5 106	1.0 0.904 0.0	86.7 -9.0 86.6 87.1 96	0.9 1.0 0.0	1.0 0.946 0.0	89.3 -13.9 88.6 89.7 99	0.9 1.0 0.0		
107	97	100	0.933 1.0 0.0	91.5 -27.3 89.6 93.6 107	1.0 0.918 0.0	87.5 -10.6 87.3 88.0 97	0.883 1.0 0.0	1.0 0.96 0.0	90.2 -15.6 89.2 90.6 100	0.883 1.0 0.0		
108	98	102	0.917 1.0 0.0	91.2 -28.9 89.2 93.8 108	1.0 0.932 0.0	88.4 -12.3 88.0 88.9 98	0.867 1.0 0.0	1.0 0.988 0.0	91.9 -19.1 90.3 92.3 102	0.867 1.0 0.0		
109	99	103	0.901 1.0 0.0	90.9 -30.5 88.8 93.9 109	1.0 0.946 0.0	89.3 -13.9 88.6 89.7 99	0.85 1.0 0.0	0.998 1.0 0.0	92.6 -20.8 90.7 93.1 103	0.85 1.0 0.0		
110	100	104	0.884 1.0 0.0	90.6 -32.1 88.4 94.1 110	1.0 0.96 0.0	90.2 -15.6 89.2 90.6 100	0.833 1.0 0.0	0.981 1.0 0.0	92.3 -22.5 90.5 93.2 104	0.833 1.0 0.0		
111	101	105	0.868 1.0 0.0	90.3 -33.7 88.0 94.3 111	1.0 0.974 0.0	91.0 -17.4 89.8 91.5 101	0.817 1.0 0.0	0.965 1.0 0.0	92.0 -24.1 90.2 93.4 105	0.817 1.0 0.0		
112	102	106	0.85 1.0 0.0	90.1 -35.4 87.8 94.7 112	1.0 0.988 0.0	91.9 -19.1 90.3 92.3 102	0.8 1.0 0.0	0.949 1.0 0.0	91.8 -25.7 89.9 93.5 106	0.8 1.0 0.0		
113	103	107	0.832 1.0 0.0	89.8 -37.1 87.5 95.1 113	0.998 1.0 0.0	92.6 -20.8 90.7 93.1 103	0.783 1.0 0.0	0.933 1.0 0.0	91.5 -27.3 89.6 93.6 107	0.783 1.0 0.0		
114	104	109	0.814 1.0 0.0	89.5 -38.7 87.2 95.5 114	0.981 1.0 0.0	92.3 -22.5 90.5 93.2 104	0.767 1.0 0.0	0.901 1.0 0.0	90.9 -30.5 88.8 93.9 109	0.767 1.0 0.0		
115	105	110	0.797 1.0 0.0	89.3 -40.4 86.9 95.9 115	0.965 1.0 0.0	92.0 -24.1 90.2 93.4 105	0.75 1.0 0.0	0.884 1.0 0.0	90.6 -32.1 88.4 94.1 110	0.75 1.0 0.0		
116	106	111	0.779 1.0 0.0	89.0 -42.1 86.5 96.3 116	0.949 1.0 0.0	91.8 -25.7 89.9 93.5 106	0.733 1.0 0.0	0.868 1.0 0.0	90.3 -33.7 88.0 94.3 111	0.733 1.0 0.0		
117	107	112	0.761 1.0 0.0	88.7 -43.8 86.1 96.6 117	0.933 1.0 0.0	91.5 -27.3 89.6 93.6 107	0.717 1.0 0.0	0.85 1.0 0.0	90.1 -35.4 87.8 94.7 112	0.717 1.0 0.0		
118	108	113	0.742 1.0 0.0	88.4 -45.5 85.8 97.1 118	0.917 1.0 0.0	91.2 -28.9 89.2 93.8 108	0.7 1.0 0.0	0.832 1.0 0.0	89.8 -37.1 87.5 95.1 113	0.7 1.0 0.0		
119	109	114	0.721 1.0 0.0	88.2 -47.3 85.5 97.8 119	0.901 1.0 0.0	90.9 -30.5 88.8 93.9 109	0.683 1.0 0.0	0.814 1.0 0.0	89.5 -38.7 87.2 95.5 114	0.683 1.0 0.0		
120	110	116	0.7 1.0 0.0	87.9 -49.1 85.3 98.4 120	0.884 1.0 0.0	90.6 -32.1 88.4 94.1 110	0.667 1.0 0.0	0.779 1.0 0.0	89.0 -42.1 86.5 96.3 116	0.667 1.0 0.0		
121	111	117	0.68 1.0 0.0	87.7 -50.9 84.9 99.1 121	0.868 1.0 0.0	90.3 -33.7 88.0 94.3 111	0.65 1.0 0.0	0.761 1.0 0.0	88.7 -43.8 86.1 96.6 117	0.65 1.0 0.0		
122	112	118	0.659 1.0 0.0	87.4 -52.8 84.6 99.7 122	0.85 1.0 0.0	90.1 -35.4 87.8 94.7 112	0.633 1.0 0.0	0.742 1.0 0.0	88.4 -45.5 85.8 97.1 118	0.633 1.0 0.0		
123	113	119	0.638 1.0 0.0	87.1 -54.6 84.2 100.4 123	0.832 1.0 0.0	89.8 -37.1 87.5 95.1 113	0.617 1.0 0.0	0.721 1.0 0.0	88.2 -47.3 85.5 97.8 119	0.617 1.0 0.0		
124	114	120	0.615 1.0 0.0	86.9 -56.5 83.9 101.1 124	0.814 1.0 0.0	89.5 -38.7 87.2 95.5 114	0.6 1.0 0.0	0.7 1.0 0.0	87.9 -49.1 85.3 98.4 120	0.6 1.0 0.0		
125	115	121	0.589 1.0 0.0	86.6 -58.4 83.6 102.1 125	0.797 1.0 0.0	89.3 -40.4 86.9 95.9 115	0.583 1.0 0.0	0.68 1.0 0.0	87.7 -50.9 84.9 99.1 121	0.583 1.0 0.0		
126	116	123	0.562 1.0 0.0	86.3 -60.4 83.3 103.0 126	0.779 1.0 0.0	89.0 -42.1 86.5 96.3 116	0.567 1.0 0.0	0.638 1.0 0.0	87.1 -54.6 84.2 100.4 123	0.567 1.0 0.0		
127	117	124	0.536 1.0 0.0	86.1 -62.4 83.0 103.9 127	0.761 1.0 0.0	88.7 -43.8 86.1 96.6 117	0.55 1.0 0.0	0.615 1.0 0.0	86.9 -56.5 83.9 101.1 124	0.55 1.0 0.0		
128	118	125	0.51 1.0 0.0	85.8 -64.4 82.6 104.8 128	0.742 1.0 0.0	88.4 -45.5 85.8 97.1 118	0.533 1.0 0.0	0.589 1.0 0.0	86.6 -58.4 83.6 102.1 125	0.533 1.0 0.0		
129	119	126	0.477 1.0 0.0	85.5 -66.5 82.3 105.8 129	0.721 1.0 0.0	88.2 -47.3 85.5 97.8 119	0.517 1.0 0.0	0.562 1.0 0.0	86.3 -60.4 83.3 103.0 126	0.517 1.0 0.0		
130	120	127	0.442 1.0 0.0	85.3 -68.7 82.0 107.0 130	0.7 1.0 0.0	87.9 -49.1 85.3 98.4 120	0.5 1.0 0.0	0.536 1.0 0.0	86.1 -62.4 83.0 103.9 127	0.5 1.0 0.0		

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
130	120	127	0.442 1.0 0.0	85.3 -68.7 82.0 107.0 130	0.7 1.0 0.0	87.9 -49.1 85.3 98.4 120	0.5 1.0 0.0	0.536 1.0 0.0	86.1 -62.4 83.0 103.9 127	0.5 1.0 0.0	0.0	0.0
131	121	128	0.406 1.0 0.0	85.0 -70.9 81.6 108.1 131	0.68 1.0 0.0	87.7 -50.9 84.9 99.1 121	0.483 1.0 0.0	0.51 1.0 0.0	85.8 -64.4 82.6 104.8 128	0.483 1.0 0.0	0.0	0.0
132	122	130	0.368 1.0 0.0	84.7 -73.1 81.2 109.3 132	0.659 1.0 0.0	87.4 -52.8 84.6 99.7 122	0.467 1.0 0.0	0.442 1.0 0.0	85.3 -68.7 82.0 107.0 130	0.467 1.0 0.0	0.0	0.0
133	123	131	0.314 1.0 0.0	84.5 -75.4 80.9 110.7 133	0.638 1.0 0.0	87.1 -54.6 84.2 100.4 123	0.45 1.0 0.0	0.406 1.0 0.0	85.0 -70.9 81.6 108.1 131	0.45 1.0 0.0	0.0	0.0
134	124	132	0.261 1.0 0.0	84.2 -77.7 80.6 112.0 134	0.615 1.0 0.0	86.9 -56.5 83.9 101.1 124	0.433 1.0 0.0	0.368 1.0 0.0	84.7 -73.1 81.2 109.3 132	0.433 1.0 0.0	0.0	0.0
135	125	133	0.173 1.0 0.0	83.9 -80.2 80.3 113.5 135	0.589 1.0 0.0	86.6 -58.4 83.6 102.1 125	0.417 1.0 0.0	0.314 1.0 0.0	84.5 -75.4 80.9 110.7 133	0.417 1.0 0.0	0.0	0.0
136	126	134	0.004 1.0 0.0	83.6 -82.6 79.9 115.0 136	0.562 1.0 0.0	86.3 -60.4 83.3 103.0 126	0.4 1.0 0.0	0.261 1.0 0.0	84.2 -77.7 80.6 112.0 134	0.4 1.0 0.0	0.0	0.0
137	127	135	0.0 1.0 0.125	83.7 -82.1 76.6 112.3 137	0.536 1.0 0.0	86.1 -62.4 83.0 103.9 127	0.383 1.0 0.0	0.173 1.0 0.0	83.9 -80.2 80.3 113.5 135	0.383 1.0 0.0	0.0	0.0
138	128	137	0.0 1.0 0.178	83.7 -81.4 73.4 109.7 138	0.51 1.0 0.0	85.8 -64.4 82.6 104.8 128	0.367 1.0 0.0	0.0 1.0	0.125 83.7 -82.1 76.6 112.3 137	0.367 1.0 0.0	0.0	0.0
139	129	138	0.0 1.0 0.231	83.8 -80.7 70.3 107.1 139	0.477 1.0 0.0	85.5 -66.5 82.3 105.8 129	0.35 1.0 0.0	0.0 1.0	0.178 83.7 -81.4 73.4 109.7 138	0.35 1.0 0.0	0.0	0.0
140	130	139	0.0 1.0 0.271	83.8 -80.1 67.3 104.7 140	0.442 1.0 0.0	85.3 -68.7 82.0 107.0 130	0.333 1.0 0.0	0.0 1.0	0.231 83.8 -80.7 70.3 107.1 139	0.333 1.0 0.0	0.0	0.0
141	131	140	0.0 1.0 0.303	83.9 -79.4 64.4 102.3 141	0.406 1.0 0.0	85.0 -70.9 81.6 108.1 131	0.317 1.0 0.0	0.0 1.0	0.271 83.8 -80.1 67.3 104.7 140	0.317 1.0 0.0	0.0	0.0
142	132	141	0.0 1.0 0.335	83.9 -78.7 61.6 100.0 142	0.368 1.0 0.0	84.7 -73.1 81.2 109.3 132	0.3 1.0 0.0	0.0 1.0	0.303 83.9 -79.4 64.4 102.3 141	0.3 1.0 0.0	0.0	0.0
143	133	142	0.0 1.0 0.368	84.0 -77.9 58.8 97.7 143	0.314 1.0 0.0	84.5 -75.4 80.9 110.7 133	0.283 1.0 0.0	0.0 1.0	0.335 83.9 -78.7 61.6 100.0 142	0.283 1.0 0.0	0.0	0.0
144	134	144	0.0 1.0 0.393	84.1 -77.3 56.2 95.6 144	0.261 1.0 0.0	84.2 -77.7 80.6 112.0 134	0.267 1.0 0.0	0.0 1.0	0.393 84.1 -77.3 56.2 95.6 144	0.267 1.0 0.0	0.0	0.0
145	135	145	0.0 1.0 0.416	84.1 -76.6 53.7 93.6 145	0.173 1.0 0.0	83.9 -80.2 80.3 113.5 135	0.25 1.0 0.0	0.0 1.0	0.416 84.1 -76.6 53.7 93.6 145	0.25 1.0 0.0	0.0	0.0
146	136	146	0.0 1.0 0.439	84.2 -75.9 51.3 91.7 146	0.004 1.0 0.0	83.6 -82.6 79.9 115.0 136	0.233 1.0 0.0	0.0 1.0	0.439 84.2 -75.9 51.3 91.7 146	0.233 1.0 0.0	0.0	0.0
147	137	147	0.0 1.0 0.462	84.2 -75.1 48.8 89.7 147	0.0 1.0	0.125 83.7 -82.1 76.6 112.3 137	0.217 1.0 0.0	0.0 1.0	0.462 84.2 -75.1 48.8 89.7 147	0.217 1.0 0.0	0.0	0.0
148	138	148	0.0 1.0 0.485	84.3 -74.3 46.5 87.7 148	0.0 1.0	0.178 83.7 -81.4 73.4 109.7 138	0.2 1.0 0.0	0.0 1.0	0.485 84.3 -74.3 46.5 87.7 148	0.2 1.0 0.0	0.0	0.0
149	139	149	0.0 1.0 0.506	84.4 -73.5 44.2 85.9 149	0.0 1.0	0.231 83.8 -80.7 70.3 107.1 139	0.183 1.0 0.0	0.0 1.0	0.506 84.4 -73.5 44.2 85.9 149	0.183 1.0 0.0	0.0	0.0
150	140	151	0.0 1.0 0.523	84.4 -72.9 42.1 84.3 150	0.0 1.0	0.271 83.8 -80.1 67.3 104.7 140	0.167 1.0 0.0	0.0 1.0	0.541 84.5 -72.3 40.1 82.7 151	0.167 1.0 0.0	0.0	0.0
151	141	152	0.0 1.0 0.541	84.5 -72.3 40.1 82.7 151	0.0 1.0	0.303 83.9 -79.4 64.4 102.3 141	0.15 1.0 0.0	0.0 1.0	0.558 84.5 -71.6 38.1 81.2 152	0.15 1.0 0.0	0.0	0.0
152	142	153	0.0 1.0 0.558	84.5 -71.6 38.1 81.2 152	0.0 1.0	0.335 83.9 -78.7 61.6 100.0 142	0.133 1.0 0.0	0.0 1.0	0.575 84.6 -70.8 36.1 79.6 153	0.133 1.0 0.0	0.0	0.0
153	143	154	0.0 1.0 0.575	84.6 -70.8 36.1 79.6 153	0.0 1.0	0.368 84.0 -77.9 58.8 97.7 143	0.117 1.0 0.0	0.0 1.0	0.592 84.7 -70.0 34.2 78.0 154	0.117 1.0 0.0	0.0	0.0
154	144	155	0.0 1.0 0.592	84.7 -70.0 34.2 78.0 154	0.0 1.0	0.393 84.1 -77.3 56.2 95.6 144	0.1 1.0 0.0	0.0 1.0	0.61 84.7 -69.2 32.3 76.5 155	0.1 1.0 0.0	0.0	0.0
155	145	156	0.0 1.0 0.61	84.7 -69.2 32.3 76.5 155	0.0 1.0	0.416 84.1 -76.6 53.7 93.6 145	0.083 1.0 0.0	0.0 1.0	0.626 84.8 -68.4 30.5 74.9 156	0.083 1.0 0.0	0.0	0.0
156	146	158	0.0 1.0 0.626	84.8 -68.4 30.5 74.9 156	0.0 1.0	0.439 84.2 -75.9 51.3 91.7 146	0.067 1.0 0.0	0.0 1.0	0.652 84.9 -67.3 27.2 72.7 158	0.067 1.0 0.0	0.0	0.0
157	147	159	0.0 1.0 0.639	84.9 -67.8 28.8 73.8 157	0.0 1.0	0.462 84.2 -75.1 48.8 89.7 147	0.05 1.0 0.0	0.0 1.0	0.665 85.0 -66.7 25.6 71.6 159	0.05 1.0 0.0	0.0	0.0
158	148	160	0.0 1.0 0.652	84.9 -67.3 27.2 72.7 158	0.0 1.0	0.485 84.3 -74.3 46.5 87.7 148	0.033 1.0 0.0	0.0 1.0	0.678 85.0 -66.1 24.1 70.4 160	0.033 1.0 0.0	0.0	0.0
159	149	161	0.0 1.0 0.665	85.0 -66.7 25.6 71.6 159	0.0 1.0	0.506 84.4 -73.5 44.2 85.9 149	0.017 1.0 0.0	0.0 1.0	0.691 85.1 -65.4 22.6 69.3 161	0.017 1.0 0.0	0.0	0.0
160	150	162	0.0 1.0 0.678	85.0 -66.1 24.1 70.4 160	0.0 1.0	0.523 84.4 -72.9 42.1 84.3 150	0.0 1.0	0.0 1.0	0.703 85.1 -64.7 21.1 68.2 162	0.0 1.0	0.0	0.0
161	151	163	0.0 1.0 0.691	85.1 -65.4 22.6 69.3 161	0.0 1.0	0.541 84.5 -72.3 40.1 82.7 151	0.0 1.0	0.0 1.0	0.716 85.2 -64.0 19.6 67.0 163	0.0 1.0	0.0	0.017
162	152	164	0.0 1.0 0.703	85.1 -64.7 21.1 68.2 162	0.0 1.0	0.558 84.5 -71.6 38.1 81.2 152	0.0 1.0	0.0 1.0	0.729 85.3 -63.3 18.2 65.9 164	0.0 1.0	0.0	0.033
163	153	165	0.0 1.0 0.716	85.2 -64.0 19.6 67.0 163	0.0 1.0	0.575 84.6 -70.8 36.1 79.6 153	0.0 1.0	0.0 1.0	0.742 85.3 -62.5 16.8 64.8 165	0.0 1.0	0.0	0.05
164	154	166	0.0 1.0 0.729	85.3 -63.3 18.2 65.9 164	0.0 1.0	0.592 84.7 -70.0 34.2 78.0 154	0.0 1.0	0.0 1.0	0.753 85.4 -61.8 15.4 63.8 166	0.0 1.0	0.0	0.067
165	155	167	0.0 1.0 0.742	85.3 -62.5 16.8 64.8 165	0.0 1.0	0.61 84.7 -69.2 32.3 76.5 155	0.0 1.0	0.0 1.0	0.763 85.4 -61.4 14.2 63.1 167	0.0 1.0	0.0	0.083
166	156	168	0.0 1.0 0.753	85.4 -61.8 15.4 63.8 166	0.0 1.0	0.626 84.8 -68.4 30.5 74.9 156	0.0 1.0	0.0 1.0	0.772 85.5 -60.9 13.0 62.4 168	0.0 1.0	0.0	0.1
167	157	169	0.0 1.0 0.763	85.4 -61.4 14.2 63.1 167	0.0 1.0	0.639 84.9 -67.8 28.8 73.8 157	0.0 1.0	0.0 1.0	0.782 85.5 -60.4 11.8 61.7 169	0.0 1.0	0.0	0.117
168	158	170	0.0 1.0 0.772	85.5 -60.9 13.0 62.4 168	0.0 1.0	0.652 84.9 -67.3 27.2 72.7 158	0.0 1.0	0.0 1.0	0.791 85.6 -59.9 10.6 60.9 170	0.0 1.0	0.0	0.133
169	159	170	0.0 1.0 0.782	85.5 -60.4 11.8 61.7 169	0.0 1.0	0.665 85.0 -66.7 25.6 71.6 159	0.0 1.0	0.0 1.0	0.791 85.6 -59.9 10.6 60.9 170	0.0 1.0	0.0	0.15
170	160	171	0.0 1.0 0.791	85.6 -59.9 10.6 60.9 170	0.0 1.0	0.678 85.0 -66.1 24.1 70.4 160	0.0 1.0	0.0 1.0	0.801 85.6 -59.4 9.4 60.2 171	0.0 1.0	0.0	0.167
171	161	172	0.0 1.0 0.801	85.6 -59.4 9.4 60.2 171	0.0 1.0	0.691 85.1 -65.4 22.6 69.3 161	0.0 1.0	0.0 1.0	0.801 85.6 -59.4 9.4 60.2 171	0.0 1.0	0.0	0.167
172	162	173	0.0 1.0 0.808	85.7 -58.8 8.3 59.5 172	0.0 1.0	0.703 85.1 -64.7 21.1 68.2 162	0.0 1.0	0.0 1.0	0.82 85.7 -58.2 7.2 58.8 173	0.0 1.0	0.0	0.2
173	163	174	0.0 1.0 0.82	85.7 -58.2 7.2 58.8 173	0.0 1.0	0.716 85.2 -64.0 19.6 67.0 163	0.0 1.0	0.0 1.0	0.829 85.8 -57.6 6.1 58.1 174	0.0 1.0	0.0	0.217
174	164	175	0.0 1.0 0.829	85.8 -57.6 6.1 58.1 174	0.0 1.0	0.729 85.3 -63.3 18.2 65.9 164	0.0 1.0	0.0 1.0	0.839 85.8 -57.0 5.0 57.3 175	0.0 1.0	0.0	0.233
175	165	176	0.0 1.0 0.839	85.8 -57.0 5.0 57.3 175	0.0 1.0	0.742 85.3 -62.5 16.8 64.8 165	0.0 1.0	0.0 1.0	0.848 85.9 -56.4 4.0 56.6 176	0.0 1.0	0.0	0.25

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
175	165	176	0.0 1.0	0.839 85.8 -57.0 5.0 57.3 175	0.0 1.0	0.742 85.3 -62.5 16.8 64.8 165	0.0 1.0	0.25	0.0 1.0	0.848 85.9 -56.4 4.0 56.6 176	0.0 1.0	0.25	
176	166	177	0.0 1.0	0.848 85.9 -56.4 4.0 56.6 176	0.0 1.0	0.753 85.4 -61.8 15.4 63.8 166	0.0 1.0	0.267	0.0 1.0	0.857 86.0 -55.7 2.9 55.9 177	0.0 1.0	0.267	
177	167	178	0.0 1.0	0.857 86.0 -55.7 2.9 55.9 177	0.0 1.0	0.763 85.4 -61.4 14.2 63.1 167	0.0 1.0	0.283	0.0 1.0	0.867 86.0 -55.1 1.9 55.2 178	0.0 1.0	0.283	
178	168	179	0.0 1.0	0.867 86.0 -55.1 1.9 55.2 178	0.0 1.0	0.772 85.5 -60.9 13.0 62.4 168	0.0 1.0	0.3	0.0 1.0	0.876 86.1 -54.4 1.0 54.5 179	0.0 1.0	0.3	
179	169	180	0.0 1.0	0.876 86.1 -54.4 1.0 54.5 179	0.0 1.0	0.782 85.5 -60.4 11.8 61.7 169	0.0 1.0	0.317	0.0 1.0	0.883 86.1 -54.1 0.0 54.2 180	0.0 1.0	0.317	
180	170	180	0.0 1.0	0.883 86.1 -54.1 0.0 54.2 180	0.0 1.0	0.791 85.6 -59.9 10.6 60.9 170	0.0 1.0	0.333	0.0 1.0	0.883 86.1 -54.1 0.0 54.2 180	0.0 1.0	0.333	
181	171	181	0.0 1.0	0.89 86.2 -53.7 -0.8 53.8 181	0.0 1.0	0.801 85.6 -59.4 9.4 60.2 171	0.0 1.0	0.35	0.0 1.0	0.89 86.2 -53.7 -0.8 53.8 181	0.0 1.0	0.35	
182	172	182	0.0 1.0	0.897 86.2 -53.3 -1.8 53.4 182	0.0 1.0	0.81 85.7 -58.8 8.3 59.5 172	0.0 1.0	0.367	0.0 1.0	0.897 86.2 -53.3 -1.8 53.4 182	0.0 1.0	0.367	
183	173	183	0.0 1.0	0.905 86.2 -52.9 -2.7 53.1 183	0.0 1.0	0.82 85.7 -58.2 7.2 58.8 173	0.0 1.0	0.383	0.0 1.0	0.905 86.2 -52.9 -2.7 53.1 183	0.0 1.0	0.383	
184	174	184	0.0 1.0	0.912 86.3 -52.5 -3.6 52.7 184	0.0 1.0	0.829 85.8 -57.6 6.1 58.1 174	0.0 1.0	0.4	0.0 1.0	0.912 86.3 -52.5 -3.6 52.7 184	0.0 1.0	0.4	
185	175	185	0.0 1.0	0.919 86.3 -52.0 -4.5 52.3 185	0.0 1.0	0.839 85.8 -57.0 5.0 57.3 175	0.0 1.0	0.417	0.0 1.0	0.919 86.3 -52.0 -4.5 52.3 185	0.0 1.0	0.417	
186	176	186	0.0 1.0	0.926 86.4 -51.6 -5.3 52.0 186	0.0 1.0	0.848 85.9 -56.4 4.0 56.6 176	0.0 1.0	0.433	0.0 1.0	0.926 86.4 -51.6 -5.3 52.0 186	0.0 1.0	0.433	
187	177	187	0.0 1.0	0.933 86.4 -51.1 -6.2 51.6 187	0.0 1.0	0.857 86.0 -55.7 2.9 55.9 177	0.0 1.0	0.45	0.0 1.0	0.933 86.4 -51.1 -6.2 51.6 187	0.0 1.0	0.45	
188	178	188	0.0 1.0	0.94 86.5 -50.6 -7.0 51.2 188	0.0 1.0	0.867 86.0 -55.1 1.9 55.2 178	0.0 1.0	0.467	0.0 1.0	0.94 86.5 -50.6 -7.0 51.2 188	0.0 1.0	0.467	
189	179	189	0.0 1.0	0.947 86.5 -50.1 -7.9 50.8 189	0.0 1.0	0.876 86.1 -54.4 1.0 54.5 179	0.0 1.0	0.483	0.0 1.0	0.947 86.5 -50.1 -7.9 50.8 189	0.0 1.0	0.483	
190	180	190	0.0 1.0	0.955 86.6 -49.6 -8.7 50.5 190	0.0 1.0	0.883 86.1 -54.1 0.0 54.2 180	0.0 1.0	0.5	0.0 1.0	0.955 86.6 -49.6 -8.7 50.5 190	0.0 1.0	0.5	
191	181	191	0.0 1.0	0.962 86.6 -49.1 -9.5 50.1 191	0.0 1.0	0.89 86.2 -53.7 -0.8 53.8 181	0.0 1.0	0.517	0.0 1.0	0.962 86.6 -49.1 -9.5 50.1 191	0.0 1.0	0.517	
192	182	191	0.0 1.0	0.969 86.7 -48.6 -10.2 49.7 192	0.0 1.0	0.897 86.2 -53.3 -1.8 53.4 182	0.0 1.0	0.533	0.0 1.0	0.962 86.6 -49.1 -9.5 50.1 191	0.0 1.0	0.533	
193	183	192	0.0 1.0	0.976 86.7 -48.0 -11.0 49.4 193	0.0 1.0	0.905 86.2 -52.9 -2.7 53.1 183	0.0 1.0	0.55	0.0 1.0	0.969 86.7 -48.6 -10.2 49.7 192	0.0 1.0	0.55	
194	184	193	0.0 1.0	0.983 86.8 -47.5 -11.8 49.0 194	0.0 1.0	0.912 86.3 -52.5 -3.6 52.7 184	0.0 1.0	0.567	0.0 1.0	0.976 86.7 -48.0 -11.0 49.4 193	0.0 1.0	0.567	
195	185	194	0.0 1.0	0.99 86.8 -46.9 -12.5 48.6 195	0.0 1.0	0.919 86.3 -52.0 -4.5 52.3 185	0.0 1.0	0.583	0.0 1.0	0.983 86.8 -47.5 -11.8 49.0 194	0.0 1.0	0.583	
196	186	195	0.0 1.0	0.997 86.9 -46.3 -13.2 48.3 196	$C_d$ 0.0	1.0	0.926 86.4 -51.6 -5.3 52.0 186	0.0 1.0	0.6	0.0 1.0	0.99 86.8 -46.9 -12.5 48.6 195	0.0 1.0	0.6
197	187	196	0.0 0.997	1.0 86.6 -45.8 -13.9 48.0 197	0.0 1.0	0.933 86.4 -51.1 -6.2 51.6 187	0.0 1.0	0.617	0.0 1.0	0.997 86.9 -46.3 -13.2 48.3 196	0.0 1.0	0.617	
198	188	197	0.0 0.991	1.0 86.3 -45.3 -14.6 47.7 198	0.0 1.0	0.94 86.5 -50.6 -7.0 51.2 188	0.0 1.0	0.633	0.0 1.0	0.997 1.0 86.6 -45.8 -13.9 48.0 197	0.0 1.0	0.633	
199	189	198	0.0 0.986	1.0 85.9 -44.8 -15.4 47.5 199	0.0 1.0	0.947 86.5 -50.1 -7.9 50.8 189	0.0 1.0	0.65	0.0 1.0	0.991 1.0 86.3 -45.3 -14.6 47.7 198	0.0 1.0	0.65	
200	190	199	0.0 0.981	1.0 85.5 -44.3 -16.0 47.2 200	0.0 1.0	0.955 86.6 -49.6 -8.7 50.5 190	0.0 1.0	0.667	0.0 1.0	0.986 1.0 85.9 -44.8 -15.4 47.5 199	0.0 1.0	0.667	
201	191	200	0.0 0.975	1.0 85.1 -43.7 -16.7 47.0 201	0.0 1.0	0.962 86.6 -49.1 -9.5 50.1 191	0.0 1.0	0.683	0.0 1.0	0.981 1.0 85.5 -44.3 -16.0 47.2 200	0.0 1.0	0.683	
202	192	201	0.0 0.97	1.0 84.7 -43.2 -17.4 46.7 202	0.0 1.0	0.969 86.7 -48.6 -10.2 49.7 192	0.0 1.0	0.7	0.0 1.0	0.975 1.0 85.1 -43.7 -16.7 47.0 201	0.0 1.0	0.7	
203	193	201	0.0 0.965	1.0 84.4 -42.7 -18.0 46.4 203	0.0 1.0	0.976 86.7 -48.0 -11.0 49.4 193	0.0 1.0	0.717	0.0 1.0	0.975 1.0 85.1 -43.7 -16.7 47.0 201	0.0 1.0	0.717	
204	194	202	0.0 0.959	1.0 84.0 -42.1 -18.7 46.2 204	0.0 1.0	0.983 86.8 -47.5 -11.8 49.0 194	0.0 1.0	0.733	0.0 1.0	0.97 1.0 84.7 -43.2 -17.4 46.7 202	0.0 1.0	0.733	
205	195	203	0.0 0.954	1.0 83.6 -41.5 -19.3 45.9 205	0.0 1.0	0.99 86.8 -46.9 -12.5 48.6 195	0.0 1.0	0.75	0.0 1.0	0.965 1.0 84.4 -42.7 -18.0 46.4 203	0.0 1.0	0.75	
206	196	204	0.0 0.949	1.0 83.2 -41.0 -19.9 45.7 206	0.0 1.0	0.997 86.9 -46.3 -13.2 48.3 196	0.0 1.0	0.767	0.0 1.0	0.959 1.0 84.0 -42.1 -18.7 46.2 204	0.0 1.0	0.767	
207	197	205	0.0 0.943	1.0 82.9 -40.4 -20.5 45.4 207	0.0 1.0	0.997 1.0 86.6 -45.8 -13.9 48.0 197	0.0 1.0	0.783	0.0 1.0	0.954 1.0 83.6 -41.5 -19.3 45.9 205	0.0 1.0	0.783	
208	198	206	0.0 0.938	1.0 82.5 -39.8 -21.1 45.2 208	0.0 1.0	0.991 1.0 86.3 -45.3 -14.6 47.7 198	0.0 1.0	0.8	0.0 1.0	0.949 1.0 83.2 -41.0 -19.9 45.7 206	0.0 1.0	0.8	
209	199	207	0.0 0.933	1.0 82.1 -39.2 -21.7 44.9 209	0.0 1.0	0.986 1.0 85.9 -44.8 -15.4 47.5 199	0.0 1.0	0.817	0.0 1.0	0.943 1.0 82.9 -40.4 -20.5 45.4 207	0.0 1.0	0.817	
210	200	208	0.0 0.927	1.0 81.7 -38.6 -22.2 44.7 210	0.0 1.0	0.981 1.0 85.5 -44.3 -16.0 47.2 200	0.0 1.0	0.833	0.0 1.0	0.938 1.0 82.5 -39.8 -21.1 45.2 208	0.0 1.0	0.833	
211	201	209	0.0 0.922	1.0 81.3 -38.0 -22.8 44.4 211	0.0 1.0	0.975 1.0 85.1 -43.7 -16.7 47.0 201	0.0 1.0	0.85	0.0 1.0	0.933 1.0 82.1 -39.2 -21.7 44.9 209	0.0 1.0	0.85	
212	202	210	0.0 0.917	1.0 81.0 -37.3 -23.3 44.2 212	0.0 1.0	0.97 1.0 84.7 -43.2 -17.4 46.7 202	0.0 1.0	0.867	0.0 1.0	0.927 1.0 81.7 -38.6 -22.2 44.7 210	0.0 1.0	0.867	
213	203	211	0.0 0.911	1.0 80.6 -36.7 -23.8 43.9 213	0.0 1.0	0.965 1.0 84.4 -42.7 -18.0 46.4 203	0.0 1.0	0.883	0.0 1.0	0.922 1.0 81.3 -38.0 -22.8 44.4 211	0.0 1.0	0.883	
214	204	212	0.0 0.906	1.0 80.2 -36.1 -24.3 43.6 214	0.0 1.0	0.959 1.0 84.0 -42.1 -18.7 46.2 204	0.0 1.0	0.9	0.0 1.0	0.917 1.0 81.0 -37.3 -23.3 44.2 212	0.0 1.0	0.9	
215	205	212	0.0 0.901	1.0 79.8 -35.4 -24.8 43.4 215	0.0 1.0	0.954 1.0 83.6 -41.5 -19.3 45.9 205	0.0 1.0	0.917	0.0 1.0	0.917 1.0 81.0 -37.3 -23.3 44.2 212	0.0 1.0	0.917	
216	206	213	0.0 0.895	1.0 79.5 -34.8 -25.3 43.1 216	0.0 1.0	0.949 1.0 83.2 -41.0 -19.9 45.7 206	0.0 1.0	0.933	0.0 1.0	0.911 1.0 80.6 -36.7 -23.8 43.9 213	0.0 1.0	0.933	
217	207	214	0.0 0.89	1.0 79.1 -34.1 -25.7 42.9 217	0.0 1.0	0.943 1.0 82.9 -40.4 -20.5 45.4 207	0.0 1.0	0.95	0.0 1.0	0.906 1.0 80.2 -36.1 -24.3 43.6 214	0.0 1.0	0.95	
218	208	215	0.0 0.885	1.0 78.7 -33.5 -26.1 42.6 218	0.0 1.0	0.938 1.0 82.5 -39.8 -21.1 45.2 208	0.0 1.0	0.967	0.0 1.0	0.901 1.0 79.8 -35.4 -24.8 43.4 215	0.0 1.0	0.967	
219	209	216	0.0 0.879	1.0 78.3 -32.8 -26.6 42.4 219	0.0 1.0	0.933 1.0 82.1 -39.2 -21.7 44.9 209	0.0 1.0	0.983	0.0 1.0	0.895 1.0 79.5 -34.8 -25.3 43.1 216	0.0 1.0	0.983	
220	210	217	0.0 0.874	1.0 77.9 -32.2 -27.0 42.2 220	0.0 1.0	0.927 1.0 81.7 -38.6 -22.2 44.7 210	0.0 1.0	1.0C <sub>s</sub>	0.0 1.0	0.89 1.0 79.1 -34.1 -25.7 42.9 217	0.0 1.0	1.0C <sub>e</sub>	

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
220	210	217	0.0 0.874 1.0	77.9 -32.2 -27.0 42.2 220	0.0 0.927 1.0	81.7 -38.6 -22.2 44.7 210	0.0 1.0 1.0C <sub>s</sub>	0.0 0.89 1.0	79.1 -34.1 -25.7 42.9 217	0.0 1.0 1.0C <sub>e</sub>		
221	211	218	0.0 0.87 1.0	77.6 -31.8 -27.6 42.2 221	0.0 0.922 1.0	81.3 -38.0 -22.8 44.4 211	0.0 0.983 1.0	0.0 0.885 1.0	78.7 -33.5 -26.1 42.6 218	0.0 0.983 1.0		
222	212	219	0.0 0.865 1.0	77.3 -31.3 -28.2 42.3 222	0.0 0.917 1.0	81.0 -37.3 -23.3 44.2 212	0.0 0.967 1.0	0.0 0.879 1.0	78.3 -32.8 -26.6 42.4 219	0.0 0.967 1.0		
223	213	220	0.0 0.861 1.0	77.0 -30.9 -28.8 42.4 223	0.0 0.911 1.0	80.6 -36.7 -23.8 43.9 213	0.0 0.95 1.0	0.0 0.874 1.0	77.9 -32.2 -27.0 42.2 220	0.0 0.95 1.0		
224	214	221	0.0 0.856 1.0	76.7 -30.4 -29.4 42.5 224	0.0 0.906 1.0	80.2 -36.1 -24.3 43.6 214	0.0 0.933 1.0	0.0 0.87 1.0	77.6 -31.8 -27.6 42.2 221	0.0 0.933 1.0		
225	215	222	0.0 0.851 1.0	76.3 -30.0 -30.0 42.5 225	0.0 0.901 1.0	79.8 -35.4 -24.8 43.4 215	0.0 0.917 1.0	0.0 0.865 1.0	77.3 -31.3 -28.2 42.3 222	0.0 0.917 1.0		
226	216	222	0.0 0.847 1.0	76.0 -29.5 -30.6 42.6 226	0.0 0.895 1.0	79.5 -34.8 -25.3 43.1 216	0.0 0.9 1.0	0.0 0.865 1.0	77.3 -31.3 -28.2 42.3 222	0.0 0.9 1.0		
227	217	223	0.0 0.842 1.0	75.7 -29.0 -31.1 42.7 227	0.0 0.89 1.0	79.1 -34.1 -25.7 42.9 217	0.0 0.883 1.0	0.0 0.861 1.0	77.0 -30.9 -28.8 42.4 223	0.0 0.883 1.0		
228	218	224	0.0 0.838 1.0	75.4 -28.5 -31.7 42.8 228	0.0 0.885 1.0	78.7 -33.5 -26.1 42.6 218	0.0 0.867 1.0	0.0 0.856 1.0	76.7 -30.4 -29.4 42.5 224	0.0 0.867 1.0		
229	219	225	0.0 0.833 1.0	75.0 -28.0 -32.2 42.8 229	0.0 0.879 1.0	78.3 -32.8 -26.6 42.4 219	0.0 0.85 1.0	0.0 0.851 1.0	76.3 -30.0 -30.0 42.5 225	0.0 0.85 1.0		
230	220	226	0.0 0.829 1.0	74.7 -27.5 -32.8 42.9 230	0.0 0.874 1.0	77.9 -32.2 -27.0 42.2 220	0.0 0.833 1.0	0.0 0.847 1.0	76.0 -29.5 -30.6 42.6 226	0.0 0.833 1.0		
231	221	227	0.0 0.824 1.0	74.4 -26.9 -33.3 43.0 231	0.0 0.87 1.0	77.6 -31.8 -27.6 42.2 221	0.0 0.817 1.0	0.0 0.842 1.0	75.7 -29.0 -31.1 42.7 227	0.0 0.817 1.0		
232	222	228	0.0 0.82 1.0	74.1 -26.4 -33.8 43.1 232	0.0 0.865 1.0	77.3 -31.3 -28.2 42.3 222	0.0 0.8 1.0	0.0 0.838 1.0	75.4 -28.5 -31.7 42.8 228	0.0 0.8 1.0		
233	223	229	0.0 0.815 1.0	73.7 -25.9 -34.3 43.1 233	0.0 0.861 1.0	77.0 -30.9 -28.8 42.4 223	0.0 0.783 1.0	0.0 0.833 1.0	75.0 -28.0 -32.2 42.8 229	0.0 0.783 1.0		
234	224	230	0.0 0.81 1.0	73.4 -25.3 -34.9 43.2 234	0.0 0.856 1.0	76.7 -30.4 -29.4 42.5 224	0.0 0.767 1.0	0.0 0.829 1.0	74.7 -27.5 -32.8 42.9 230	0.0 0.767 1.0		
235	225	231	0.0 0.806 1.0	73.1 -24.7 -35.4 43.3 235	0.0 0.851 1.0	76.3 -30.0 -30.0 42.5 225	0.0 0.75 1.0	0.0 0.824 1.0	74.4 -26.9 -33.3 43.0 231	0.0 0.75 1.0		
236	226	232	0.0 0.801 1.0	72.8 -24.1 -35.8 43.4 236	0.0 0.847 1.0	76.0 -29.5 -30.6 42.6 226	0.0 0.733 1.0	0.0 0.82 1.0	74.1 -26.4 -33.8 43.1 232	0.0 0.733 1.0		
237	227	232	0.0 0.797 1.0	72.4 -23.6 -36.3 43.4 237	0.0 0.842 1.0	75.7 -29.0 -31.1 42.7 227	0.0 0.717 1.0	0.0 0.82 1.0	74.1 -26.4 -33.8 43.1 232	0.0 0.717 1.0		
238	228	233	0.0 0.792 1.0	72.1 -23.0 -36.8 43.5 238	0.0 0.838 1.0	75.4 -28.5 -31.7 42.8 228	0.0 0.7 1.0	0.0 0.815 1.0	73.7 -25.9 -34.3 43.1 233	0.0 0.7 1.0		
239	229	234	0.0 0.788 1.0	71.8 -22.3 -37.2 43.6 239	0.0 0.833 1.0	75.0 -28.0 -32.2 42.8 229	0.0 0.683 1.0	0.0 0.81 1.0	73.4 -25.3 -34.9 43.2 234	0.0 0.683 1.0		
240	230	235	0.0 0.783 1.0	71.5 -21.7 -37.7 43.6 240	0.0 0.829 1.0	74.7 -27.5 -32.8 42.9 230	0.0 0.667 1.0	0.0 0.806 1.0	73.1 -24.7 -35.4 43.3 235	0.0 0.667 1.0		
241	231	236	0.0 0.779 1.0	71.1 -21.1 -38.1 43.7 241	0.0 0.824 1.0	74.4 -26.9 -33.3 43.0 231	0.0 0.65 1.0	0.0 0.801 1.0	72.8 -24.1 -35.8 43.4 236	0.0 0.65 1.0		
242	232	237	0.0 0.774 1.0	70.8 -20.5 -38.6 43.8 242	0.0 0.82 1.0	74.1 -26.4 -33.8 43.1 232	0.0 0.633 1.0	0.0 0.797 1.0	72.4 -23.6 -36.3 43.4 237	0.0 0.633 1.0		
243	233	238	0.0 0.769 1.0	70.5 -19.8 -39.0 43.9 243	0.0 0.815 1.0	73.7 -25.9 -34.3 43.1 233	0.0 0.617 1.0	0.0 0.792 1.0	72.1 -23.0 -36.8 43.5 238	0.0 0.617 1.0		
244	234	239	0.0 0.765 1.0	70.2 -19.2 -39.4 43.9 244	0.0 0.81 1.0	73.4 -25.3 -34.9 43.2 234	0.0 0.6 1.0	0.0 0.788 1.0	71.8 -22.3 -37.2 43.6 239	0.0 0.6 1.0		
245	235	240	0.0 0.76 1.0	69.8 -18.5 -39.8 44.0 245	0.0 0.806 1.0	73.1 -24.7 -35.4 43.3 235	0.0 0.583 1.0	0.0 0.783 1.0	71.5 -21.7 -37.7 43.6 240	0.0 0.583 1.0		
246	236	241	0.0 0.756 1.0	69.5 -17.8 -40.2 44.1 246	0.0 0.801 1.0	72.8 -24.1 -35.8 43.4 236	0.0 0.567 1.0	0.0 0.779 1.0	71.1 -21.1 -38.1 43.7 241	0.0 0.567 1.0		
247	237	242	0.0 0.751 1.0	69.2 -17.2 -40.6 44.2 247	0.0 0.797 1.0	72.4 -23.6 -36.3 43.4 237	0.0 0.55 1.0	0.0 0.774 1.0	70.8 -20.5 -38.6 43.8 242	0.0 0.55 1.0		
248	238	243	0.0 0.746 1.0	68.8 -16.6 -41.2 44.5 248	0.0 0.792 1.0	72.1 -23.0 -36.8 43.5 238	0.0 0.533 1.0	0.0 0.769 1.0	70.5 -19.8 -39.0 43.9 243	0.0 0.533 1.0		
249	239	243	0.0 0.74 1.0	68.4 -16.0 -41.9 45.0 249	0.0 0.788 1.0	71.8 -22.3 -37.2 43.6 239	0.0 0.517 1.0	0.0 0.769 1.0	70.5 -19.8 -39.0 43.9 243	0.0 0.517 1.0		
250	240	244	0.0 0.735 1.0	68.0 -15.4 -42.6 45.5 250	0.0 0.783 1.0	71.5 -21.7 -37.7 43.6 240	0.0 0.5 1.0	0.0 0.765 1.0	70.2 -19.2 -39.4 43.9 244	0.0 0.5 1.0		
251	241	245	0.0 0.729 1.0	67.7 -14.8 -43.3 45.9 251	0.0 0.779 1.0	71.1 -21.1 -38.1 43.7 241	0.0 0.483 1.0	0.0 0.76 1.0	69.8 -18.5 -39.8 44.0 245	0.0 0.483 1.0		
252	242	246	0.0 0.724 1.0	67.3 -14.2 -44.0 46.4 252	0.0 0.774 1.0	70.8 -20.5 -38.6 43.8 242	0.0 0.467 1.0	0.0 0.756 1.0	69.5 -17.8 -40.2 44.1 246	0.0 0.467 1.0		
253	243	247	0.0 0.718 1.0	66.9 -13.6 -44.7 46.8 253	0.0 0.769 1.0	70.5 -19.8 -39.0 43.9 243	0.0 0.45 1.0	0.0 0.751 1.0	69.2 -17.2 -40.6 44.2 247	0.0 0.45 1.0		
254	244	248	0.0 0.713 1.0	66.5 -12.9 -45.4 47.3 254	0.0 0.765 1.0	70.2 -19.2 -39.4 43.9 244	0.0 0.433 1.0	0.0 0.746 1.0	68.8 -16.6 -41.2 44.5 248	0.0 0.433 1.0		
255	245	249	0.0 0.707 1.0	66.1 -12.3 -46.0 47.8 255	0.0 0.76 1.0	69.8 -18.5 -39.8 44.0 245	0.0 0.417 1.0	0.0 0.74 1.0	68.4 -16.0 -41.9 45.0 249	0.0 0.417 1.0		
256	246	250	0.0 0.702 1.0	65.7 -11.6 -46.7 48.2 256	0.0 0.756 1.0	69.5 -17.8 -40.2 44.1 246	0.0 0.4 1.0	0.0 0.735 1.0	68.0 -15.4 -42.6 45.5 250	0.0 0.4 1.0		
257	247	251	0.0 0.696 1.0	65.3 -10.9 -47.3 48.7 257	0.0 0.751 1.0	69.2 -17.2 -40.6 44.2 247	0.0 0.383 1.0	0.0 0.729 1.0	67.7 -14.8 -43.3 45.9 251	0.0 0.383 1.0		
258	248	252	0.0 0.691 1.0	64.9 -10.1 -48.0 49.1 258	0.0 0.746 1.0	68.8 -16.6 -41.2 44.5 248	0.0 0.367 1.0	0.0 0.724 1.0	67.3 -14.2 -44.0 46.4 252	0.0 0.367 1.0		
259	249	253	0.0 0.685 1.0	64.5 -9.4 -48.6 49.6 259	0.0 0.74 1.0	68.4 -16.0 -41.9 45.0 249	0.0 0.35 1.0	0.0 0.718 1.0	66.9 -13.6 -44.7 46.8 253	0.0 0.35 1.0		
260	250	253	0.0 0.679 1.0	64.2 -8.6 -49.2 50.1 260	0.0 0.735 1.0	68.0 -15.4 -42.6 45.5 250	0.0 0.333 1.0	0.0 0.718 1.0	66.9 -13.6 -44.7 46.8 253	0.0 0.333 1.0		
261	251	254	0.0 0.674 1.0	63.8 -7.8 -49.8 50.5 261	0.0 0.729 1.0	67.7 -14.8 -43.3 45.9 251	0.0 0.317 1.0	0.0 0.713 1.0	66.5 -12.9 -45.4 47.3 254	0.0 0.317 1.0		
262	252	255	0.0 0.668 1.0	63.4 -7.0 -50.4 51.0 262	0.0 0.724 1.0	67.3 -14.2 -44.0 46.4 252	0.0 0.3 1.0	0.0 0.707 1.0	66.1 -12.3 -46.0 47.8 255	0.0 0.3 1.0		
263	253	256	0.0 0.663 1.0	63.0 -6.2 -51.0 51.5 263	0.0 0.718 1.0	66.9 -13.6 -44.7 46.8 253	0.0 0.283 1.0	0.0 0.702 1.0	65.7 -11.6 -46.7 48.2 256	0.0 0.283 1.0		
264	254	257	0.0 0.657 1.0	62.6 -5.3 -51.5 51.9 264	0.0 0.713 1.0	66.5 -12.9 -45.4 47.3 254	0.0 0.267 1.0	0.0 0.696 1.0	65.3 -10.9 -47.3 48.7 257	0.0 0.267 1.0		
265	255	258	0.0 0.652 1.0	62.2 -4.5 -52.1 52.4 265	0.0 0.707 1.0	66.1 -12.3 -46.0 47.8 255	0.0 0.25 1.0	0.0 0.691 1.0	64.9 -10.1 -48.0 49.1 258	0.0 0.25 1.0		

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
265	255	258	0.0 0.652 1.0	62.2 -4.5 -52.1 52.4 265	0.0 0.707 1.0	66.1 -12.3 -46.0 47.8 255	0.0 0.25 1.0	0.0 0.691 1.0	64.9 -10.1 -48.0 49.1 258	0.0 0.25 1.0	0.0 0.25	0.0 0.25
266	256	259	0.0 0.646 1.0	61.8 -3.6 -52.6 52.8 266	0.0 0.702 1.0	65.7 -11.6 -46.7 48.2 256	0.0 0.233 1.0	0.0 0.685 1.0	64.5 -9.4 -48.6 49.6 259	0.0 0.233 1.0	0.0 0.233	0.0 0.233
267	257	260	0.0 0.641 1.0	61.4 -2.7 -53.1 53.3 267	0.0 0.696 1.0	65.3 -10.9 -47.3 48.7 257	0.0 0.217 1.0	0.0 0.679 1.0	64.2 -8.6 -49.2 50.1 260	0.0 0.217 1.0	0.0 0.217	0.0 0.217
268	258	261	0.0 0.635 1.0	61.0 -1.8 -53.6 53.8 268	0.0 0.691 1.0	64.9 -10.1 -48.0 49.1 258	0.0 0.2 1.0	0.0 0.674 1.0	63.8 -7.8 -49.8 50.5 261	0.0 0.2 1.0	0.0 0.2	0.0 0.2
269	259	262	0.0 0.63 1.0	60.6 -0.8 -54.1 54.2 269	0.0 0.685 1.0	64.5 -9.4 -48.6 49.6 259	0.0 0.183 1.0	0.0 0.668 1.0	63.4 -7.0 -50.4 51.0 262	0.0 0.183 1.0	0.0 0.183	0.0 0.183
270	260	263	0.0 0.624 1.0	60.2 0.0 -54.7 54.8 270	0.0 0.679 1.0	64.2 -8.6 -49.2 50.1 260	0.0 0.167 1.0	0.0 0.663 1.0	63.0 -6.2 -51.0 51.5 263	0.0 0.167 1.0	0.0 0.167	0.0 0.167
271	261	264	0.0 0.615 1.0	59.7 1.0 -55.7 55.9 271	0.0 0.674 1.0	63.8 -7.8 -49.8 50.5 261	0.0 0.15 1.0	0.0 0.657 1.0	62.6 -5.3 -51.5 51.9 264	0.0 0.15 1.0	0.0 0.15	0.0 0.15
272	262	264	0.0 0.607 1.0	59.1 2.0 -56.8 56.9 272	0.0 0.668 1.0	63.4 -7.0 -50.4 51.0 262	0.0 0.133 1.0	0.0 0.657 1.0	62.6 -5.3 -51.5 51.9 264	0.0 0.133 1.0	0.0 0.133	0.0 0.133
273	263	265	0.0 0.599 1.0	58.5 3.0 -57.8 58.0 273	0.0 0.663 1.0	63.0 -6.2 -51.0 51.5 263	0.0 0.117 1.0	0.0 0.652 1.0	62.2 -4.5 -52.1 52.4 265	0.0 0.117 1.0	0.0 0.117	0.0 0.117
274	264	266	0.0 0.591 1.0	58.0 4.1 -58.8 59.0 274	0.0 0.657 1.0	62.6 -5.3 -51.5 51.9 264	0.0 0.1 1.0	0.0 0.646 1.0	61.8 -3.6 -52.6 52.8 266	0.0 0.1 1.0	0.0 0.1	0.0 0.1
275	265	267	0.0 0.583 1.0	57.4 5.2 -59.8 60.1 275	0.0 0.652 1.0	62.2 -4.5 -52.1 52.4 265	0.0 0.083 1.0	0.0 0.641 1.0	61.4 -2.7 -53.1 53.3 267	0.0 0.083 1.0	0.0 0.083	0.0 0.083
276	266	268	0.0 0.574 1.0	56.9 6.4 -60.7 61.2 276	0.0 0.646 1.0	61.8 -3.6 -52.6 52.8 266	0.0 0.067 1.0	0.0 0.635 1.0	61.0 -1.8 -53.6 53.8 268	0.0 0.067 1.0	0.0 0.067	0.0 0.067
277	267	269	0.0 0.566 1.0	56.3 7.6 -61.7 62.2 277	0.0 0.641 1.0	61.4 -2.7 -53.1 53.3 267	0.0 0.05 1.0	0.0 0.63 1.0	60.6 -0.8 -54.1 54.2 269	0.0 0.05 1.0	0.0 0.05	0.0 0.05
278	268	270	0.0 0.558 1.0	55.7 8.8 -62.6 63.3 278	0.0 0.635 1.0	61.0 -1.8 -53.6 53.8 268	0.0 0.033 1.0	0.0 0.624 1.0	60.2 0.0 -54.7 54.8 270	0.0 0.033 1.0	0.0 0.033	0.0 0.033
279	269	271	0.0 0.55 1.0	55.2 10.1 -63.5 64.3 279	0.0 0.63 1.0	60.6 -0.8 -54.1 54.2 269	0.0 0.017 1.0	0.0 0.615 1.0	59.7 1.0 -55.7 55.9 271	0.0 0.017 1.0	0.0 0.017	0.0 0.017
280	270	272	0.0 0.541 1.0	54.6 11.4 -64.3 65.4 280	0.0 0.624 1.0	60.2 0.0 -54.7 54.8 270	0.0 0.0 1.0	1.0 $B_s$	0.0 0.607 1.0	59.1 2.0 -56.8 56.9 272	0.0 0.0 1.0	1.0 $B_e$
281	271	273	0.0 0.533 1.0	54.1 12.7 -65.1 66.5 281	0.0 0.615 1.0	59.7 1.0 -55.7 55.9 271	0.0 0.017 1.0	1.0 0	0.0 0.599 1.0	58.5 3.0 -57.8 58.0 273	0.0 0.017 1.0	1.0 0
282	272	274	0.0 0.525 1.0	53.5 14.0 -66.0 67.5 282	0.0 0.607 1.0	59.1 2.0 -56.8 56.9 272	0.0 0.033 1.0	1.0 0	0.0 0.591 1.0	58.0 4.1 -58.8 59.0 274	0.0 0.033 1.0	1.0 0
283	273	275	0.0 0.517 1.0	52.9 15.4 -66.7 68.6 283	0.0 0.599 1.0	58.5 3.0 -57.8 58.0 273	0.0 0.05 1.0	1.0 0	0.0 0.583 1.0	57.4 5.2 -59.8 60.1 275	0.0 0.05 1.0	1.0 0
284	274	276	0.0 0.508 1.0	52.4 16.9 -67.5 69.7 284	0.0 0.591 1.0	58.0 4.1 -58.8 59.0 274	0.0 0.067 1.0	1.0 0	0.0 0.574 1.0	56.9 6.4 -60.7 61.2 276	0.0 0.067 1.0	1.0 0
285	275	276	0.0 0.5 1.0	51.8 18.3 -68.2 70.7 285	0.0 0.583 1.0	57.4 5.2 -59.8 60.1 275	0.0 0.083 1.0	1.0 0	0.0 0.574 1.0	56.9 6.4 -60.7 61.2 276	0.0 0.083 1.0	1.0 0
286	276	277	0.0 0.488 1.0	51.0 20.0 -69.7 72.6 286	0.0 0.574 1.0	56.9 6.4 -60.7 61.2 276	0.0 0.1 1.0	1.0 0	0.0 0.566 1.0	56.3 7.6 -61.7 62.2 277	0.0 0.1 1.0	1.0 0
287	277	278	0.0 0.475 1.0	50.2 21.8 -71.2 74.5 287	0.0 0.566 1.0	56.3 7.6 -61.7 62.2 277	0.0 0.117 1.0	1.0 0	0.0 0.558 1.0	55.7 8.8 -62.6 63.3 278	0.0 0.117 1.0	1.0 0
288	278	279	0.0 0.462 1.0	49.4 23.6 -72.6 76.4 288	0.0 0.558 1.0	55.7 8.8 -62.6 63.3 278	0.0 0.133 1.0	1.0 0	0.0 0.55 1.0	55.2 10.1 -63.5 64.3 279	0.0 0.133 1.0	1.0 0
289	279	280	0.0 0.45 1.0	48.6 25.5 -74.0 78.3 289	0.0 0.55 1.0	55.2 10.1 -63.5 64.3 279	0.0 0.15 1.0	1.0 0	0.0 0.541 1.0	54.6 11.4 -64.3 65.4 280	0.0 0.15 1.0	1.0 0
290	280	281	0.0 0.437 1.0	47.8 27.4 -75.3 80.2 290	0.0 0.541 1.0	54.6 11.4 -64.3 65.4 280	0.0 0.167 1.0	1.0 0	0.0 0.533 1.0	54.1 12.7 -65.1 66.5 281	0.0 0.167 1.0	1.0 0
291	281	282	0.0 0.424 1.0	47.0 29.4 -76.6 82.1 291	0.0 0.533 1.0	54.1 12.7 -65.1 66.5 281	0.0 0.183 1.0	1.0 0	0.0 0.525 1.0	53.5 14.0 -66.0 67.5 282	0.0 0.183 1.0	1.0 0
292	282	283	0.0 0.412 1.0	46.2 31.5 -77.8 84.1 292	0.0 0.525 1.0	53.5 14.0 -66.0 67.5 282	0.0 0.2 1.0	1.0 0	0.0 0.517 1.0	52.9 15.4 -66.7 68.6 283	0.0 0.2 1.0	1.0 0
293	283	284	0.0 0.399 1.0	45.4 33.6 -79.0 86.0 293	0.0 0.517 1.0	52.9 15.4 -66.7 68.6 283	0.0 0.217 1.0	1.0 0	0.0 0.508 1.0	52.4 16.9 -67.5 69.7 284	0.0 0.217 1.0	1.0 0
294	284	285	0.0 0.386 1.0	44.6 35.7 -80.2 87.9 294	0.0 0.508 1.0	52.4 16.9 -67.5 69.7 284	0.0 0.233 1.0	1.0 0	0.0 0.5 1.0	51.8 18.3 -68.2 70.7 285	0.0 0.233 1.0	1.0 0
295	285	286	0.0 0.373 1.0	43.7 38.0 -81.4 89.9 295	0.0 0.5 1.0	51.8 18.3 -68.2 70.7 285	0.0 0.25 1.0	1.0 0	0.0 0.488 1.0	51.0 20.0 -69.7 72.6 286	0.0 0.25 1.0	1.0 0
296	286	287	0.0 0.353 1.0	42.7 40.7 -83.3 92.8 296	0.0 0.488 1.0	51.0 20.0 -69.7 72.6 286	0.0 0.267 1.0	1.0 0	0.0 0.475 1.0	50.2 21.8 -71.2 74.5 287	0.0 0.267 1.0	1.0 0
297	287	288	0.0 0.333 1.0	41.6 43.5 -85.2 95.7 297	0.0 0.475 1.0	50.2 21.8 -71.2 74.5 287	0.0 0.283 1.0	1.0 0	0.0 0.462 1.0	49.4 23.6 -72.6 76.4 288	0.0 0.283 1.0	1.0 0
298	288	289	0.0 0.313 1.0	40.5 46.3 -87.0 98.6 298	0.0 0.462 1.0	49.4 23.6 -72.6 76.4 288	0.0 0.3 1.0	1.0 0	0.0 0.45 1.0	48.6 25.5 -74.0 78.3 289	0.0 0.3 1.0	1.0 0
299	289	290	0.0 0.293 1.0	39.5 49.2 -88.7 101.5 299	0.0 0.45 1.0	48.6 25.5 -74.0 78.3 289	0.0 0.317 1.0	1.0 0	0.0 0.437 1.0	47.8 27.4 -75.3 80.2 290	0.0 0.317 1.0	1.0 0
300	290	291	0.0 0.274 1.0	38.4 52.2 -90.4 104.5 300	0.0 0.437 1.0	47.8 27.4 -75.3 80.2 290	0.0 0.333 1.0	1.0 0	0.0 0.424 1.0	47.0 29.4 -76.6 82.1 291	0.0 0.333 1.0	1.0 0
301	291	292	0.0 0.254 1.0	37.4 55.3 -91.9 107.4 301	0.0 0.424 1.0	47.0 29.4 -76.6 82.1 291	0.0 0.35 1.0	1.0 0	0.0 0.412 1.0	46.2 31.5 -77.8 84.1 292	0.0 0.35 1.0	1.0 0
302	292	293	0.0 0.222 1.0	36.1 58.8 -94.1 111.0 302	0.0 0.412 1.0	46.2 31.5 -77.8 84.1 292	0.0 0.367 1.0	1.0 0	0.0 0.399 1.0	45.4 33.6 -79.0 86.0 293	0.0 0.367 1.0	1.0 0
303	293	294	0.0 0.188 1.0	34.8 62.6 -96.3 114.9 303	0.0 0.399 1.0	45.4 33.6 -79.0 86.0 293	0.0 0.383 1.0	1.0 0	0.0 0.386 1.0	44.6 35.7 -80.2 87.9 294	0.0 0.383 1.0	1.0 0
304	294	294	0.0 0.153 1.0	33.5 66.4 -98.4 118.8 304	0.0 0.386 1.0	44.6 35.7 -80.2 87.9 294	0.0 0.4 1.0	1.0 0	0.0 0.386 1.0	44.6 35.7 -80.2 87.9 294	0.0 0.4 1.0	1.0 0
305	295	295	0.0 0.109 1.0	32.2 70.4 -100.412.7 305	0.0 0.373 1.0	43.7 38.0 -81.4 89.9 295	0.0 0.417 1.0	1.0 0	0.0 0.373 1.0	43.7 38.0 -81.4 89.9 295	0.0 0.417 1.0	1.0 0
306	296	296	0.0 0.024 1.0	30.8 74.8 -102.812.7 306	0.0 0.353 1.0	42.7 40.7 -83.3 92.8 296	0.0 0.433 1.0	1.0 0	0.0 0.353 1.0	42.7 40.7 -83.3 92.8 296	0.0 0.433 1.0	1.0 0
307	297	297	0.172 0.0 1.0	31.6 76.5 -101.412.7 307	0.0 0.333 1.0	41.6 43.5 -85.2 95.7 297	0.0 0.45 1.0	1.0 0	0.0 0.333 1.0	41.6 43.5 -85.2 95.7 297	0.0 0.45 1.0	1.0 0
308	298	298	0.282 0.0 1.0	33.2 77.2 -98.6 125.3 308	0.0 0.313 1.0	40.5 46.3 -87.0 98.6 298	0.0 0.467 1.0	1.0 0	0.0 0.313 1.0	40.5 46.3 -87.0 98.6 298	0.0 0.467 1.0	1.0 0
309	299	299	0.357 0.0 1.0	34.8 77.8 -96.0 123.7 309	0.0 0.293 1.0	39.5 49.2 -88.7 101.5 299	0.0 0.483 0.0	1.0 0	0.0 0.293 1.0	39.5 49.2 -88.7 101.5 299	0.0 0.483 0.0	1.0 0
310	300	300	0.414 0.0 1.0	36.2 78.6 -93.6 122.3 310	0.0 0.274 1.0	38.4 52.2 -90.4 104.5 300	0.5 0.0	1.0 0	0.0 0.274 1.0	38.4 52.2 -90.4 104.5 300	0.5 0.0	1.0 0

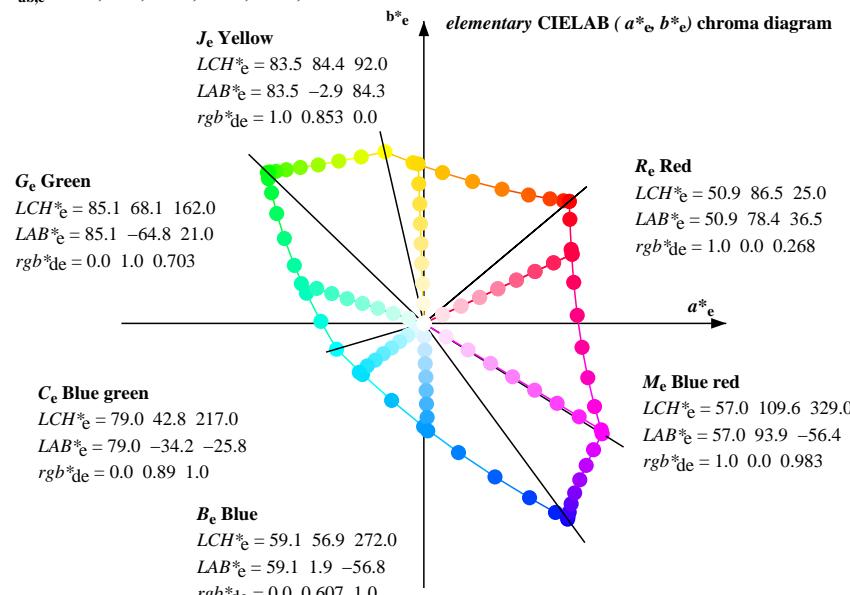
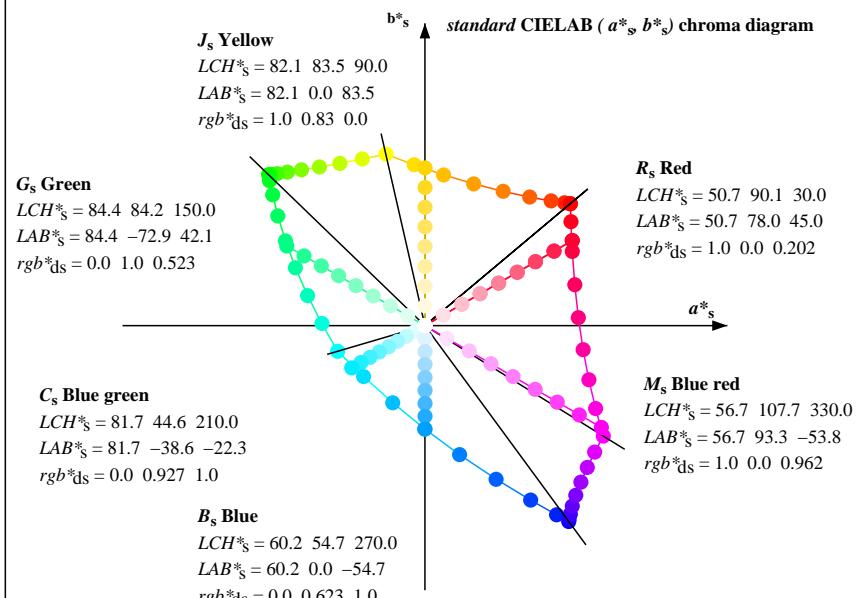
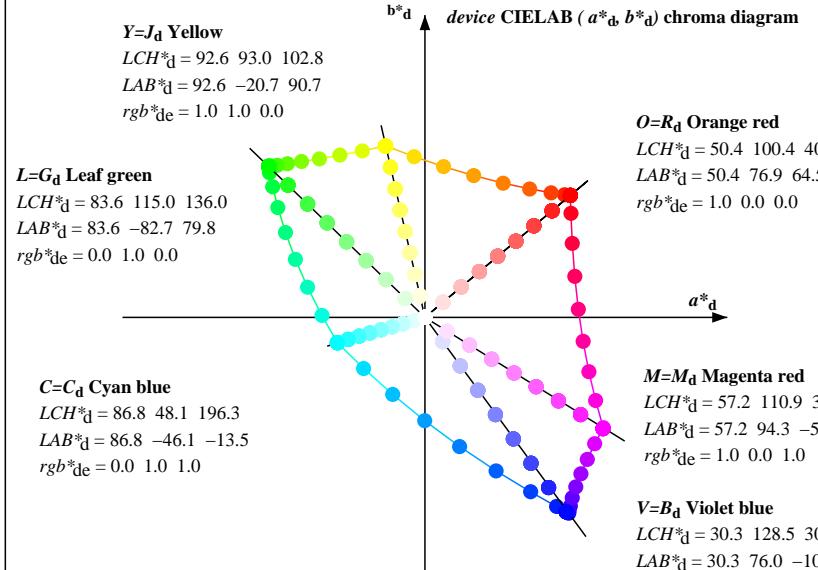
Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ; Six hue angles of the device colours d: $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$													
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
310	300	300	0.414 0.0 1.0	36.2 78.6 -93.6 122.3 310	0.0 0.274 1.0	38.4 52.2 -90.4 104.5 300	0.5 0.0 1.0	0.0 0.274 1.0	38.4 52.2 -90.4 104.5 300	0.5 0.0 1.0	0.0 0.274 1.0	38.4 52.2 -90.4 104.5 300	
311	301	301	0.465 0.0 1.0	37.6 79.4 -91.2 121.0 311	0.0 0.254 1.0	37.4 55.3 -91.9 107.4 301	0.517 0.0 1.0	0.0 0.254 1.0	37.4 55.3 -91.9 107.4 301	0.517 0.0 1.0	0.0 0.254 1.0	37.4 55.3 -91.9 107.4 301	
312	302	302	0.513 0.0 1.0	39.0 80.1 -88.9 119.8 312	0.0 0.222 1.0	36.1 58.8 -94.1 111.0 302	0.533 0.0 1.0	0.0 0.222 1.0	36.1 58.8 -94.1 111.0 302	0.533 0.0 1.0	0.0 0.222 1.0	36.1 58.8 -94.1 111.0 302	
313	303	303	0.551 0.0 1.0	40.3 81.0 -86.8 118.8 313	0.0 0.188 1.0	34.8 62.6 -96.3 114.9 303	0.55 0.0 1.0	0.0 0.188 1.0	34.8 62.6 -96.3 114.9 303	0.55 0.0 1.0	0.0 0.188 1.0	34.8 62.6 -96.3 114.9 303	
314	304	304	0.59 0.0 1.0	41.6 81.8 -84.6 117.8 314	0.0 0.153 1.0	33.5 66.4 -98.4 118.8 304	0.567 0.0 1.0	0.0 0.153 1.0	33.5 66.4 -98.4 118.8 304	0.567 0.0 1.0	0.0 0.153 1.0	33.5 66.4 -98.4 118.8 304	
315	305	305	0.628 0.0 1.0	42.8 82.6 -82.5 116.8 315	0.0 0.109 1.0	32.2 70.4 -100.4122.7 305	0.583 0.0 1.0	0.0 0.109 1.0	32.2 70.4 -100.4122.7 305	0.583 0.0 1.0	0.0 0.109 1.0	32.2 70.4 -100.4122.7 305	
316	306	306	0.66 0.0 1.0	44.0 83.5 -80.6 116.1 316	0.0 0.024 1.0	30.8 74.8 -102.8127.2 306	0.6 0.0 1.0	0.0 0.024 1.0	30.8 74.8 -102.8127.2 306	0.6 0.0 1.0	0.0 0.024 1.0	30.8 74.8 -102.8127.2 306	
317	307	307	0.692 0.0 1.0	45.2 84.4 -78.6 115.4 317	0.172 0.0 1.0	31.6 76.5 -101.4127.1 307	0.617 0.0 1.0	0.172 0.0 1.0	31.6 76.5 -101.4127.1 307	0.617 0.0 1.0	0.172 0.0 1.0	31.6 76.5 -101.4127.1 307	
318	308	308	0.724 0.0 1.0	46.3 85.2 -76.6 114.7 318	0.282 0.0 1.0	33.2 77.2 -98.6 125.3 308	0.633 0.0 1.0	0.282 0.0 1.0	33.2 77.2 -98.6 125.3 308	0.633 0.0 1.0	0.282 0.0 1.0	33.2 77.2 -98.6 125.3 308	
319	309	309	0.755 0.0 1.0	47.5 86.0 -74.7 114.0 319	0.357 0.0 1.0	34.8 77.8 -96.0 123.7 309	0.65 0.0 1.0	0.357 0.0 1.0	34.8 77.8 -96.0 123.7 309	0.65 0.0 1.0	0.357 0.0 1.0	34.8 77.8 -96.0 123.7 309	
320	310	310	0.783 0.0 1.0	48.6 87.0 -72.9 113.6 320	0.414 0.0 1.0	36.2 78.6 -93.6 122.3 310	0.667 0.0 1.0	0.414 0.0 1.0	36.2 78.6 -93.6 122.3 310	0.667 0.0 1.0	0.414 0.0 1.0	36.2 78.6 -93.6 122.3 310	
321	311	311	0.81 0.0 1.0	49.7 87.9 -71.1 113.1 321	0.465 0.0 1.0	37.6 79.4 -91.2 121.0 311	0.683 0.0 1.0	0.465 0.0 1.0	37.6 79.4 -91.2 121.0 311	0.683 0.0 1.0	0.465 0.0 1.0	37.6 79.4 -91.2 121.0 311	
322	312	312	0.838 0.0 1.0	50.7 88.8 -69.3 112.7 322	0.513 0.0 1.0	39.0 80.1 -88.9 119.8 312	0.7 0.0 1.0	0.513 0.0 1.0	39.0 80.1 -88.9 119.8 312	0.7 0.0 1.0	0.513 0.0 1.0	39.0 80.1 -88.9 119.8 312	
323	313	312	0.866 0.0 1.0	51.8 89.6 -67.4 112.2 323	0.551 0.0 1.0	40.3 81.0 -86.8 118.8 313	0.717 0.0 1.0	0.513 0.0 1.0	39.0 80.1 -88.9 119.8 312	0.717 0.0 1.0	0.513 0.0 1.0	39.0 80.1 -88.9 119.8 312	
324	314	313	0.892 0.0 1.0	52.9 90.5 -65.7 111.9 324	0.59 0.0 1.0	41.6 81.8 -84.6 117.8 314	0.733 0.0 1.0	0.551 0.0 1.0	40.3 81.0 -86.8 118.8 313	0.733 0.0 1.0	0.551 0.0 1.0	40.3 81.0 -86.8 118.8 313	
325	315	314	0.918 0.0 1.0	53.9 91.5 -64.0 111.7 325	0.628 0.0 1.0	42.8 82.6 -82.5 116.8 315	0.75 0.0 1.0	0.59 0.0 1.0	41.6 81.8 -84.6 117.8 314	0.75 0.0 1.0	0.59 0.0 1.0	41.6 81.8 -84.6 117.8 314	
326	316	315	0.943 0.0 1.0	55.0 92.4 -62.2 111.5 326	0.66 0.0 1.0	44.0 83.5 -80.6 116.1 316	0.767 0.0 1.0	0.628 0.0 1.0	42.8 82.6 -82.5 116.8 315	0.767 0.0 1.0	0.628 0.0 1.0	42.8 82.6 -82.5 116.8 315	
327	317	316	0.969 0.0 1.0	56.0 93.3 -60.5 111.3 327	0.692 0.0 1.0	45.2 84.4 -78.6 115.4 317	0.783 0.0 1.0	0.66 0.0 1.0	44.0 83.5 -80.6 116.1 316	0.783 0.0 1.0	0.66 0.0 1.0	44.0 83.5 -80.6 116.1 316	
328	318	317	0.994 0.0 1.0	57.1 94.2 -58.7 111.0 328	$M_d$	0.724 0.0 1.0	46.3 85.2 -76.6 114.7 318	0.8 0.0 1.0	0.692 0.0 1.0	45.2 84.4 -78.6 115.4 317	0.8 0.0 1.0	0.692 0.0 1.0	45.2 84.4 -78.6 115.4 317
329	319	318	1.0 0.0	0.984 57.1 93.9 -56.4 109.6 329		0.755 0.0 1.0	47.5 86.0 -74.7 114.0 319	0.817 0.0 1.0	0.724 0.0 1.0	46.3 85.2 -76.6 114.7 318	0.817 0.0 1.0	0.724 0.0 1.0	46.3 85.2 -76.6 114.7 318
330	320	319	1.0 0.0	0.962 56.8 93.4 -53.8 107.8 330		0.783 0.0 1.0	48.6 87.0 -72.9 113.6 320	0.833 0.0 1.0	0.755 0.0 1.0	47.5 86.0 -74.7 114.0 319	0.833 0.0 1.0	0.755 0.0 1.0	47.5 86.0 -74.7 114.0 319
331	321	320	1.0 0.0	0.941 56.5 92.7 -51.3 106.0 331		0.81 0.0 1.0	49.7 87.9 -71.1 113.1 321	0.85 0.0 1.0	0.783 0.0 1.0	48.6 87.0 -72.9 113.6 320	0.85 0.0 1.0	0.783 0.0 1.0	48.6 87.0 -72.9 113.6 320
332	322	321	1.0 0.0	0.919 56.2 92.0 -48.8 104.2 332		0.838 0.0 1.0	50.7 88.8 -69.3 112.7 322	0.867 0.0 1.0	0.81 0.0 1.0	49.7 87.9 -71.1 113.1 321	0.867 0.0 1.0	0.81 0.0 1.0	49.7 87.9 -71.1 113.1 321
333	323	322	1.0 0.0	0.898 55.9 91.2 -46.4 102.4 333		0.866 0.0 1.0	51.8 89.6 -67.4 112.2 323	0.883 0.0 1.0	0.838 0.0 1.0	50.7 88.8 -69.3 112.7 322	0.883 0.0 1.0	0.838 0.0 1.0	50.7 88.8 -69.3 112.7 322
334	324	323	1.0 0.0	0.876 55.7 90.4 -44.0 100.5 334		0.892 0.0 1.0	52.9 90.5 -65.7 111.9 324	0.9 0.0 1.0	0.866 0.0 1.0	51.8 89.6 -67.4 112.2 323	0.9 0.0 1.0	0.866 0.0 1.0	51.8 89.6 -67.4 112.2 323
335	325	324	1.0 0.0	0.86 55.5 90.0 -41.9 99.3 335		0.918 0.0 1.0	53.9 91.5 -64.0 111.7 325	0.917 0.0 1.0	0.892 0.0 1.0	52.9 90.5 -65.7 111.9 324	0.917 0.0 1.0	0.892 0.0 1.0	52.9 90.5 -65.7 111.9 324
336	326	325	1.0 0.0	0.843 55.3 89.6 -39.8 98.1 336		0.943 0.0 1.0	55.0 92.4 -62.2 111.5 326	0.933 0.0 1.0	0.918 0.0 1.0	53.9 91.5 -64.0 111.7 325	0.933 0.0 1.0	0.918 0.0 1.0	53.9 91.5 -64.0 111.7 325
337	327	326	1.0 0.0	0.827 55.1 89.2 -37.8 96.9 337		0.969 0.0 1.0	56.0 93.3 -60.5 111.3 327	0.95 0.0 1.0	0.943 0.0 1.0	55.0 92.4 -62.2 111.5 326	0.95 0.0 1.0	0.943 0.0 1.0	55.0 92.4 -62.2 111.5 326
338	328	327	1.0 0.0	0.811 54.9 88.8 -35.8 95.8 338		0.994 0.0 1.0	57.1 94.2 -58.7 110.0 328	0.967 0.0 1.0	0.969 0.0 1.0	56.0 93.3 -60.5 111.3 327	0.967 0.0 1.0	0.969 0.0 1.0	56.0 93.3 -60.5 111.3 327
339	329	328	1.0 0.0	0.794 54.7 88.3 -33.8 94.6 339		1.0 0.0	0.984 57.1 93.9 -56.4 109.6 329	0.983 0.0 1.0	0.994 0.0 1.0	57.1 94.2 -58.7 110.0 328	0.983 0.0 1.0	0.994 0.0 1.0	57.1 94.2 -58.7 110.0 328
340	330	329	1.0 0.0	0.778 54.5 87.7 -31.8 93.4 340		1.0 0.0	0.962 56.8 93.4 -53.8 107.8 330	1.0 0.0	0.984 57.1 93.9 -56.4 109.6 329	1.0 0.0	0.962 56.8 93.4 -53.8 107.8 330	1.0 0.0	0.962 56.8 93.4 -53.8 107.8 330
341	331	330	1.0 0.0	0.761 54.3 87.2 -29.9 92.2 341		1.0 0.0	0.941 56.5 92.7 -51.3 106.0 331	1.0 0.0	0.983 1.0 0.0	0.962 56.8 93.4 -53.8 107.8 330	1.0 0.0	0.983 1.0 0.0	0.962 56.8 93.4 -53.8 107.8 330
342	332	331	1.0 0.0	0.746 54.2 86.7 -28.1 91.1 342		1.0 0.0	0.919 56.2 92.0 -48.8 104.2 332	1.0 0.0	0.967 1.0 0.0	0.941 56.5 92.7 -51.3 106.0 331	1.0 0.0	0.967 1.0 0.0	0.941 56.5 92.7 -51.3 106.0 331
343	333	331	1.0 0.0	0.733 54.1 86.5 -26.3 90.5 343		1.0 0.0	0.898 55.9 91.2 -46.4 102.4 333	1.0 0.0	0.95 1.0 0.0	0.941 56.5 92.7 -51.3 106.0 331	1.0 0.0	0.95 1.0 0.0	0.941 56.5 92.7 -51.3 106.0 331
344	334	332	1.0 0.0	0.72 53.9 86.3 -24.6 89.8 344		1.0 0.0	0.876 55.7 90.4 -44.0 100.5 334	1.0 0.0	0.933 1.0 0.0	0.919 56.2 92.0 -48.8 104.2 332	1.0 0.0	0.933 1.0 0.0	0.919 56.2 92.0 -48.8 104.2 332
345	335	333	1.0 0.0	0.707 53.8 86.0 -23.0 89.1 345		1.0 0.0	0.86 55.5 90.0 -41.9 99.3 335	1.0 0.0	0.917 1.0 0.0	0.898 55.9 91.2 -46.4 102.4 333	1.0 0.0	0.917 1.0 0.0	0.898 55.9 91.2 -46.4 102.4 333
346	336	334	1.0 0.0	0.695 53.7 85.7 -21.3 88.4 346		1.0 0.0	0.843 55.3 89.6 -39.8 98.1 336	1.0 0.0	0.9 1.0 0.0	0.876 55.7 90.4 -44.0 100.5 334	1.0 0.0	0.9 1.0 0.0	0.876 55.7 90.4 -44.0 100.5 334
347	337	335	1.0 0.0	0.682 53.6 85.4 -19.6 87.7 347		1.0 0.0	0.827 55.1 89.2 -37.8 96.9 337	1.0 0.0	0.883 1.0 0.0	0.86 55.5 90.0 -41.9 99.3 335	1.0 0.0	0.883 1.0 0.0	0.86 55.5 90.0 -41.9 99.3 335
348	338	336	1.0 0.0	0.669 53.4 85.1 -18.0 87.0 348		1.0 0.0	0.811 54.9 88.8 -35.8 95.8 338	1.0 0.0	0.867 1.0 0.0	0.843 55.3 89.6 -39.8 98.1 336	1.0 0.0	0.867 1.0 0.0	0.843 55.3 89.6 -39.8 98.1 336
349	339	337	1.0 0.0	0.656 53.3 84.7 -16.4 86.3 349		1.0 0.0	0.794 54.7 88.3 -33.8 94.6 339	1.0 0.0	0.85 1.0 0.0	0.827 55.1 89.2 -37.8 96.9 337	1.0 0.0	0.85 1.0 0.0	0.827 55.1 89.2 -37.8 96.9 337
350	340	338	1.0 0.0	0.643 53.2 84.3 -14.8 85.6 350		1.0 0.0	0.778 54.5 87.7 -31.8 93.4 340	1.0 0.0	0.833 1.0 0.0	0.811 54.9 88.8 -35.8 95.8 338	1.0 0.0	0.833 1.0 0.0	0.811 54.9 88.8 -35.8 95.8 338
351	341	339	1.0 0.0	0.63 53.1 83.9 -13.2 84.9 351		1.0 0.0	0.761 54.3 87.2 -29.9 92.2 341	1.0 0.0	0.817 1.0 0.0	0.794 54.7 88.3 -33.8 94.6 339	1.0 0.0	0.817 1.0 0.0	0.794 54.7 88.3 -33.8 94.6 339
352	342	340	1.0 0.0	0.619 53.0 83.6 -11.7 84.4 352		1.0 0.0	0.746 54.2 86.7 -28.1 91.1 342	1.0 0.0	0.8 1.0 0.0	0.778 54.5 87.7 -31.8 93.4 340	1.0 0.0	0.8 1.0 0.0	0.778 54.5 87.7 -31.8 93.4 340
353	343	341	1.0 0.0	0.608 52.9 83.5 -10.2 84.2 353		1.0 0.0	0.733 54.1 86.5 -26.3 90.5 343	1.0 0.0	0.783 1.0 0.0	0.761 54.3 87.2 -29.9 92.2 341	1.0 0.0	0.783 1.0 0.0	0.761 54.3 87.2 -29.9 92.2 341
354	344	342	1.0 0.0	0.597 52.8 83.4 -8.7 83.9 354		1.0 0.0	0.72 53.9 86.3 -24.6 89.8 344	1.0 0.0	0.767 1.0 0.0</td				

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
355	345	343	1.0 0.0 0.586	52.7 83.3 -7.2	83.6 355	1.0 0.0 0.707	53.8 86.0 -23.0	89.1 345	1.0 0.0 0.75	1.0 0.0 0.733	54.1 86.5 -26.3	90.5 343	1.0 0.0 0.75
356	346	344	1.0 0.0 0.575	52.6 83.1 -5.7	83.3 356	1.0 0.0 0.695	53.7 85.7 -21.3	88.4 346	1.0 0.0 0.733	1.0 0.0 0.72	53.9 86.3 -24.6	89.8 344	1.0 0.0 0.733
357	347	345	1.0 0.0 0.564	52.6 82.9 -4.2	83.0 357	1.0 0.0 0.682	53.6 85.4 -19.6	87.7 347	1.0 0.0 0.717	1.0 0.0 0.707	53.8 86.0 -23.0	89.1 345	1.0 0.0 0.717
358	348	346	1.0 0.0 0.554	52.5 82.7 -2.8	82.7 358	1.0 0.0 0.669	53.4 85.1 -18.0	87.0 348	1.0 0.0 0.7	1.0 0.0 0.695	53.7 85.7 -21.3	88.4 346	1.0 0.0 0.7
359	349	347	1.0 0.0 0.543	52.4 82.4 -1.3	82.4 359	1.0 0.0 0.656	53.3 84.7 -16.4	86.3 349	1.0 0.0 0.683	1.0 0.0 0.682	53.6 85.4 -19.6	87.7 347	1.0 0.0 0.683
0	350	348	1.0 0.0 0.532	52.3 82.1 0.0	82.1 0	1.0 0.0 0.643	53.2 84.3 -14.8	85.6 350	1.0 0.0 0.667	1.0 0.0 0.669	53.4 85.1 -18.0	87.0 348	1.0 0.0 0.667
1	351	349	1.0 0.0 0.521	52.2 81.8 1.4	81.8 1	1.0 0.0 0.63	53.1 83.9 -13.2	84.9 351	1.0 0.0 0.65	1.0 0.0 0.656	53.3 84.7 -16.4	86.3 349	1.0 0.0 0.65
2	352	349	1.0 0.0 0.51	52.1 81.5 2.8	81.6 2	1.0 0.0 0.619	53.0 83.6 -11.7	84.4 352	1.0 0.0 0.633	1.0 0.0 0.656	53.3 84.7 -16.4	86.3 349	1.0 0.0 0.633
3	353	350	1.0 0.0 0.499	52.1 81.2 4.3	81.3 3	1.0 0.0 0.608	52.9 83.5 -10.2	84.2 353	1.0 0.0 0.617	1.0 0.0 0.643	53.2 84.3 -14.8	85.6 350	1.0 0.0 0.617
4	354	351	1.0 0.0 0.489	52.0 81.2 5.7	81.4 4	1.0 0.0 0.597	52.8 83.4 -8.7	83.9 354	1.0 0.0 0.6	1.0 0.0 0.63	53.1 83.9 -13.2	84.9 351	1.0 0.0 0.6
5	355	352	1.0 0.0 0.479	51.9 81.1 7.1	81.4 5	1.0 0.0 0.586	52.7 83.3 -7.2	83.6 355	1.0 0.0 0.583	1.0 0.0 0.619	53.0 83.6 -11.7	84.4 352	1.0 0.0 0.583
6	356	353	1.0 0.0 0.469	51.9 81.1 8.5	81.5 6	1.0 0.0 0.575	52.6 83.1 -5.7	83.3 356	1.0 0.0 0.567	1.0 0.0 0.608	52.9 83.5 -10.2	84.2 353	1.0 0.0 0.567
7	357	354	1.0 0.0 0.459	51.8 81.0 9.9	81.6 7	1.0 0.0 0.564	52.6 82.9 -4.2	83.0 357	1.0 0.0 0.55	1.0 0.0 0.597	52.8 83.4 -8.7	83.9 354	1.0 0.0 0.55
8	358	355	1.0 0.0 0.449	51.8 80.9 11.4	81.6 8	1.0 0.0 0.554	52.5 82.7 -2.8	82.7 358	1.0 0.0 0.533	1.0 0.0 0.586	52.7 83.3 -7.2	83.6 355	1.0 0.0 0.533
9	359	356	1.0 0.0 0.439	51.7 80.7 12.8	81.7 9	1.0 0.0 0.543	52.4 82.4 -1.3	82.4 359	1.0 0.0 0.517	1.0 0.0 0.575	52.6 83.1 -5.7	83.3 356	1.0 0.0 0.517
10	360	357	1.0 0.0 0.429	51.7 80.6 14.2	81.8 10	1.0 0.0 0.532	52.3 82.1 0.0	82.1 0	1.0 0.0 0.5	1.0 0.0 0.564	52.6 82.9 -4.2	83.0 357	1.0 0.0 0.5
11	361	358	1.0 0.0 0.418	51.6 80.4 15.6	81.9 11	1.0 0.0 0.521	52.2 81.8 1.4	81.8 1	1.0 0.0 0.483	1.0 0.0 0.554	52.5 82.7 -2.8	82.7 358	1.0 0.0 0.483
12	362	359	1.0 0.0 0.408	51.5 80.1 17.0	81.9 12	1.0 0.0 0.51	52.1 81.5 2.8	81.6 2	1.0 0.0 0.467	1.0 0.0 0.543	52.4 82.4 -1.3	82.4 359	1.0 0.0 0.467
13	363	360	1.0 0.0 0.398	51.5 79.9 18.4	82.0 13	1.0 0.0 0.499	52.1 81.2 4.3	81.3 3	1.0 0.0 0.45	1.0 0.0 0.532	52.3 82.1 0.0	82.1 0	1.0 0.0 0.45
14	364	361	1.0 0.0 0.388	51.4 79.6 19.9	82.1 14	1.0 0.0 0.489	52.0 81.2 5.7	81.4 4	1.0 0.0 0.433	1.0 0.0 0.521	52.2 81.8 1.4	81.8 1	1.0 0.0 0.433
15	365	362	1.0 0.0 0.378	51.4 79.4 21.3	82.2 15	1.0 0.0 0.479	51.9 81.1 7.1	81.4 5	1.0 0.0 0.417	1.0 0.0 0.51	52.1 81.5 2.8	81.6 2	1.0 0.0 0.417
16	366	363	1.0 0.0 0.367	51.3 79.3 22.7	82.5 16	1.0 0.0 0.469	51.9 81.1 8.5	81.5 6	1.0 0.0 0.4	1.0 0.0 0.499	52.1 81.2 4.3	81.3 3	1.0 0.0 0.4
17	367	364	1.0 0.0 0.356	51.3 79.3 24.3	82.9 17	1.0 0.0 0.459	51.8 81.0 9.9	81.6 7	1.0 0.0 0.383	1.0 0.0 0.489	52.0 81.2 5.7	81.4 4	1.0 0.0 0.383
18	368	365	1.0 0.0 0.345	51.2 79.3 25.8	83.4 18	1.0 0.0 0.449	51.8 80.9 11.4	81.6 8	1.0 0.0 0.367	1.0 0.0 0.479	51.9 81.1 7.1	81.4 5	1.0 0.0 0.367
19	369	366	1.0 0.0 0.334	51.2 79.3 27.3	83.8 19	1.0 0.0 0.439	51.7 80.7 12.8	81.7 9	1.0 0.0 0.35	1.0 0.0 0.469	51.9 81.1 8.5	81.5 6	1.0 0.0 0.35
20	370	367	1.0 0.0 0.323	51.2 79.2 28.8	84.3 20	1.0 0.0 0.429	51.7 80.6 14.2	81.8 10	1.0 0.0 0.333	1.0 0.0 0.459	51.8 81.0 9.9	81.6 7	1.0 0.0 0.333
21	371	367	1.0 0.0 0.312	51.1 79.1 30.4	84.7 21	1.0 0.0 0.418	51.6 80.4 15.6	81.9 11	1.0 0.0 0.317	1.0 0.0 0.459	51.8 81.0 9.9	81.6 7	1.0 0.0 0.317
22	372	368	1.0 0.0 0.301	51.1 79.0 31.9	85.2 22	1.0 0.0 0.408	51.5 80.1 17.0	81.9 12	1.0 0.0 0.3	1.0 0.0 0.449	51.8 80.9 11.4	81.6 8	1.0 0.0 0.3
23	373	369	1.0 0.0 0.291	51.0 78.8 33.5	85.6 23	1.0 0.0 0.398	51.5 79.9 18.4	82.0 13	1.0 0.0 0.283	1.0 0.0 0.439	51.7 80.7 12.8	81.7 9	1.0 0.0 0.283
24	374	370	1.0 0.0 0.28	51.0 78.6 35.0	86.1 24	1.0 0.0 0.388	51.4 79.6 19.9	82.1 14	1.0 0.0 0.267	1.0 0.0 0.429	51.7 80.6 14.2	81.8 10	1.0 0.0 0.267
25	375	371	1.0 0.0 0.269	50.9 78.4 36.6	86.5 25	1.0 0.0 0.378	51.4 79.4 21.3	82.2 15	1.0 0.0 0.25	1.0 0.0 0.418	51.6 80.4 15.6	81.9 11	1.0 0.0 0.25
26	376	372	1.0 0.0 0.258	50.9 78.2 38.1	87.0 26	1.0 0.0 0.367	51.3 79.3 22.7	82.5 16	1.0 0.0 0.233	1.0 0.0 0.408	51.5 80.1 17.0	81.9 12	1.0 0.0 0.233
27	377	373	1.0 0.0 0.246	50.9 78.0 39.7	87.5 27	1.0 0.0 0.356	51.3 79.3 24.3	82.9 17	1.0 0.0 0.217	1.0 0.0 0.398	51.5 79.9 18.4	82.0 13	1.0 0.0 0.217
28	378	374	1.0 0.0 0.231	50.8 78.1 41.5	88.4 28	1.0 0.0 0.345	51.2 79.3 25.8	83.4 18	1.0 0.0 0.2	1.0 0.0 0.388	51.4 79.6 19.9	82.1 14	1.0 0.0 0.2
29	379	375	1.0 0.0 0.217	50.8 78.1 43.3	89.3 29	1.0 0.0 0.334	51.2 79.3 27.3	83.8 19	1.0 0.0 0.183	1.0 0.0 0.378	51.4 79.4 21.3	82.2 15	1.0 0.0 0.183
30	380	376	1.0 0.0 0.203	50.8 78.0 45.1	90.1 30	1.0 0.0 0.323	51.2 79.2 28.8	84.3 20	1.0 0.0 0.167	1.0 0.0 0.367	51.3 79.3 22.7	82.5 16	1.0 0.0 0.167
31	381	377	1.0 0.0 0.189	50.7 78.0 46.9	91.0 31	1.0 0.0 0.312	51.1 79.1 30.4	84.7 21	1.0 0.0 0.15	1.0 0.0 0.356	51.3 79.3 24.3	82.9 17	1.0 0.0 0.15
32	382	378	1.0 0.0 0.174	50.7 77.9 48.7	91.8 32	1.0 0.0 0.301	51.1 79.0 31.9	85.2 22	1.0 0.0 0.133	1.0 0.0 0.345	51.2 79.3 25.8	83.4 18	1.0 0.0 0.133
33	383	379	1.0 0.0 0.16	50.7 77.7 50.5	92.7 33	1.0 0.0 0.291	51.0 78.8 33.5	85.6 23	1.0 0.0 0.117	1.0 0.0 0.334	51.2 79.3 27.3	83.8 19	1.0 0.0 0.117
34	384	380	1.0 0.0 0.146	50.6 77.6 52.3	93.6 34	1.0 0.0 0.28	51.0 78.6 35.0	86.1 24	1.0 0.0 0.1	1.0 0.0 0.323	51.2 79.2 28.8	84.3 20	1.0 0.0 0.1
35	385	381	1.0 0.0 0.131	50.6 77.3 54.2	94.4 35	1.0 0.0 0.269	50.9 78.4 36.6	86.5 25	1.0 0.0 0.083	1.0 0.0 0.312	51.1 79.1 30.4	84.7 21	1.0 0.0 0.083
36	386	382	1.0 0.0 0.11	50.6 77.3 56.1	95.5 36	1.0 0.0 0.258	50.9 78.2 38.1	87.0 26	1.0 0.0 0.067	1.0 0.0 0.301	51.1 79.0 31.9	85.2 22	1.0 0.0 0.067
37	387	383	1.0 0.0 0.082	50.6 77.2 58.2	96.7 37	1.0 0.0 0.246	50.9 78.0 39.7	87.5 27	1.0 0.0 0.05	1.0 0.0 0.291	51.0 78.8 33.5	85.6 23	1.0 0.0 0.05
38	388	384	1.0 0.0 0.055	50.5 77.2 60.3	98.0 38	1.0 0.0 0.231	50.8 78.1 41.5	88.4 28	1.0 0.0 0.033	1.0 0.0 0.28	51.0 78.6 35.0	86.1 24	1.0 0.0 0.033
39	389	385	1.0 0.0 0.028	50.5 77.1 62.4	99.2 39	1.0 0.0 0.217	50.8 78.1 43.3	89.3 29	1.0 0.0 0.017	1.0 0.0 0.269	50.9 78.4 36.6	86.5 25	1.0 0.0 0.017
40	390	385	1.0 0.0 0.0	50.5 76.9 64.6	100.4 40	1.0 0.0 0.203	50.8 78.0 45.1	90.1 30	1.0 0.0 0.0R <sub>s</sub>	1.0 0.0 0.269	50.9 78.4 36.6	86.5 25	1.0 0.0 0.0R <sub>e</sub>

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$



#### Notes to the CIELAB chroma diagrams ( $a^*_{d}, b^*_{d}$ ), ( $a^*_{s}, b^*_{s}$ ), ( $a^*_{e}, b^*_{e}$ )

- For the  $rgb^*_{d}$ -input values the CIELAB data  $LCH^*_{d}$  and  $LAB^*_{d}$  have been calculated.
- For the calculation of the standard hue angle  $h_{ab,s}$  use for any device values  $rgb^*_{d}$  the equation:  

$$h_{ab,s} = atan [ r^*_{d} cos(30) + g^*_{d} cos(150) ] / [ r^*_{d} sin(30) + g^*_{d} sin(150) + b^*_{d} sin(270) ] \quad (1)$$
- For the 48 or 360 equally spaced standard hue angles  $h_{ab,s}$  of the colours of maximum chroma use the seven hue angles of the 60 degree colours s:  $h_{ab,si} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$  (i=0,6) and the equations for a 48 and 360 step hue circle:  

$$h_{48ab,si,j} = h_{ab,si} + j [ h_{ab,si+1} - h_{ab,si} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$
  

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

$$h_{48ab,ei,j} = h_{ab,ei} + j [ h_{ab,ei+1} - h_{ab,ei} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$
  

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

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd50M$	$LAB^*dd50Mx$ (x=LabCh)	$rgb^*ds50M$	$LAB^*ds50Mx$ (x=LabCh)	$rgb^*s50M$	$rgb^*de50M$	$LAB^*de50Mx$ (x=LabCh)	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
40.0	30.0	25.5	1.0 0.0 0.0	50.5 76.9 64.6	100.4 40.0	1.0 0.0 0.203	50.8 78.0 45.1	90.1 30	1.0 0.0 0.0	1.0 0.0 0.269	50.9 78.4 36.6	86.5 25	1.0 0.0 0.0
41.3	37.5	33.8	1.0 0.125 0.0	51.5 73.9 64.9	98.4 41.3	1.0 0.0 0.055	50.5 77.2 60.3	98.0 38	1.0 0.125 0.0	1.0 0.0 0.146	50.6 77.6 52.3	93.6 34	1.0 0.125 0.0
44.7	45.0	42.2	1.0 0.25 0.0	54.1 66.7 66.0	93.8 44.7	1.0 0.256 0.0	54.3 66.1 66.1	93.5 45	1.0 0.25 0.0	1.0 0.151 0.0	52.1 72.4 65.2	97.5 42	1.0 0.25 0.0
50.8	52.5	50.5	1.0 0.375 0.0	58.2 55.5 68.0	87.7 50.8	1.0 0.406 0.0	59.6 52.0 69.0	86.4 53	1.0 0.375 0.0	1.0 0.378 0.0	58.3 55.1 68.1	87.6 51	1.0 0.375 0.0
59.8	60.0	58.9	1.0 0.5 0.0	63.7 41.4 71.0	82.2 59.8	1.0 0.502 0.0	63.8 41.1 71.2	82.2 60	1.0 0.5 0.0	1.0 0.489 0.0	63.2 42.6 70.9	82.7 59	1.0 0.5 0.0
71.0	67.5	67.2	1.0 0.625 0.0	70.1 25.8 75.0	79.4 71.0	1.0 0.591 0.0	68.4 30.0 74.3	80.1 68	1.0 0.625 0.0	1.0 0.58 0.0	67.8 31.4 74.0	80.4 67	1.0 0.625 0.0
83.0	75.0	75.6	1.0 0.75 0.0	77.2 9.8 79.8	80.4 83.0	1.0 0.667 0.0	72.5 20.6 77.0	79.7 75	1.0 0.75 0.0	1.0 0.677 0.0	73.1 19.3 77.4	79.8 76	1.0 0.75 0.0
93.9	82.5	84.0	1.0 0.875 0.0	84.8 -5.7 85.1	85.3 93.9	1.0 0.75 0.0	77.3 9.8 79.8	80.4 83	1.0 0.875 0.0	1.0 0.762 0.0	78.0 8.5 80.4	80.9 84	1.0 0.875 0.0
102.9	90.0	92.3	1.0 1.0 0.0	92.7 -20.6 90.8	93.1 102.9	1.0 0.831 0.0	82.1 0.0 83.5	83.5 90	1.0 1.0 0.0	1.0 0.853 0.0	83.5 -2.8 84.4	84.4 92	1.0 1.0 0.0
110.6	97.5	101.1	0.875 1.0 0.0	90.4 -33.0 88.1	94.1 110.6	1.0 0.932 0.0	88.4 -12.3 88.0	88.9 98	0.875 1.0 0.0	1.0 0.974 0.0	91.0 -17.4 89.8	91.5 101	0.875 1.0 0.0
117.6	105.0	109.8	0.75 1.0 0.0	88.5 -44.8 85.8	96.9 117.6	0.965 1.0 0.0	92.0 -24.1 90.2	93.4 105	0.75 1.0 0.0	0.884 1.0 0.0	90.6 -32.1 88.4	94.1 110	0.75 1.0 0.0
123.6	112.5	118.5	0.625 1.0 0.0	87.0 -55.7 83.9	100.8 123.6	0.832 1.0 0.0	89.8 -37.1 87.5	95.1 113	0.625 1.0 0.0	0.721 1.0 0.0	88.2 -47.3 85.5	97.8 119	0.625 1.0 0.0
128.4	120.0	127.3	0.5 1.0 0.0	85.7 -65.1 82.4	105.1 128.4	0.7 1.0 0.0	87.9 -49.1 85.3	98.4 120	0.5 1.0 0.0	0.536 1.0 0.0	86.1 -62.4 83.0	103.9 127	0.5 1.0 0.0
131.9	127.5	136.0	0.375 1.0 0.0	84.8 -72.7 81.3	109.1 131.9	0.51 1.0 0.0	85.8 -64.4 82.6	104.8 128	0.375 1.0 0.0	0.004 1.0 0.0	83.6 -82.6 79.9	115.0 136	0.375 1.0 0.0
134.2	135.0	144.7	0.25 1.0 0.0	84.1 -78.2 80.5	112.3 134.2	0.173 1.0 0.0	83.9 -80.2 80.3	113.5 135	0.25 1.0 0.0	0.0 1.0 0.416 84.1	-76.6 53.7 93.6	145 0.25 1.0 0.0	
135.5	142.5	153.5	0.125 1.0 0.0	83.8 -81.4 80.1	114.2 135.5	0.0 1.0 0.368	84.0 -77.9 58.8	97.7 143	0.125 1.0 0.0	0.0 1.0 0.575 84.6	-70.8 36.1 79.6	153 0.125 1.0 0.0	
136.0	150.0	162.2	0.0 1.0 0.0	83.6 -82.7 79.9	115.0 136.0	0.0 1.0 0.523	84.4 -72.9 42.1	84.3 150	0.0 1.0 0.0	1.0 0.703 85.1	-64.7 21.1 68.2	162 0.0 1.0 0.0	
137.0	157.5	169.1	0.0 1.0 0.125	83.7 -82.1 76.6	112.3 137.0	0.0 1.0 0.652	84.9 -67.3 27.2	72.7 158	0.0 1.0 0.125	1.0 0.782 85.5	-60.4 11.8 61.7	169 0.0 1.0 0.125	
139.4	165.0	175.9	0.0 1.0 0.25	83.8 -80.5 69.1	106.2 139.4	0.0 1.0 0.742	85.3 -62.5 16.8	64.8 165	0.0 1.0 0.25	1.0 0.848 85.9	-56.4 4.0 56.6	176 0.0 1.0 0.25	
143.2	172.5	182.8	0.0 1.0 0.375	84.0 -77.7 58.1	97.1 143.2	0.0 1.0 0.82	85.7 -58.2 7.2	58.8 173	0.0 1.0 0.375	1.0 0.905 86.2	-52.9 -2.7 53.1	183 0.0 1.0 0.375	
148.6	180.0	189.6	0.0 1.0 0.5	84.3 -73.7 45.0	86.4 148.6	0.0 1.0 0.883	86.1 -54.1 0.0	54.2 180	0.0 1.0 0.5	1.0 0.955 86.6	-49.6 -8.7 50.5	190 0.0 1.0 0.5	
155.9	187.5	196.4	0.0 1.0 0.625	84.8 -68.4 30.7	75.1 155.9	0.0 1.0 0.94	86.5 -50.6 -7.0	51.2 188	0.0 1.0 0.625	1.0 0.997 86.9	-46.3 -13.2 48.3	196 0.0 1.0 0.625	
165.6	195.0	203.3	0.0 1.0 0.75	85.4 -62.0 15.9	64.1 165.6	0.0 1.0 0.99	86.8 -46.9 -12.5	48.6 195	0.0 1.0 0.75	0.965 1.0 0.0	84.4 -42.7 -18.0 46.4	203 0.0 1.0 0.75	
178.9	202.5	210.1	0.0 1.0 0.875	86.0 -54.5 1.1	54.6 178.9	0.0 0.965	1.0 84.4 -42.7	-18.0 46.4 203	0.0 1.0 0.875	0.927 1.0 0.0	81.7 -38.6 -22.2 44.7	210 0.0 1.0 0.875	
196.4	210.0	217.0	0.0 1.0 1.0	86.9 -46.1 -13.5	48.1 196.4	0.0 0.927	1.0 81.7 -38.6	-22.2 44.7 210	0.0 1.0 0.0	0.89 1.0 0.0	79.1 -34.1 -25.7	42.9 217 0.0 1.0 1.0	
219.8	217.5	223.8	0.0 0.875 1.0	78.0 -32.3 -26.9	42.2 219.8	0.0 0.885	1.0 78.7 -33.5	-26.1 42.6 218	0.0 0.875	1.0 0.0 0.856	1.0 76.7 -30.4	-29.4 42.5 224 0.0 0.875 1.0	
247.3	225.0	230.7	0.0 0.75 1.0	69.1 -17.0 -40.6	44.2 247.3	0.0 0.851	1.0 76.3 -30.0	-30.0 42.5 225	0.0 0.75	1.0 0.0 0.824	1.0 74.4 -26.9	-33.3 43.0 231 0.0 0.75 1.0	
269.8	232.5	237.5	0.0 0.625 1.0	60.3 0.0 -54.5	54.6 269.8	0.0 0.815	1.0 73.7 -25.9	-34.3 43.1 233	0.0 0.625	1.0 0.0 0.792	1.0 72.1 -23.0	-36.8 43.5 238 0.0 0.625 1.0	
285.0	240.0	244.4	0.0 0.5 1.0	51.8 18.3 -68.2	70.7 285.0	0.0 0.783	1.0 71.5 -21.7	-37.7 43.6 240	0.0 0.5	1.0 0.0 0.765	1.0 70.2 -19.2	-39.4 43.9 244 0.0 0.5 1.0	
294.9	247.5	251.2	0.0 0.375 1.0	43.9 37.7 -81.1	89.6 294.9	0.0 0.746	1.0 68.8 -16.6	-41.2 44.5 248	0.0 0.375	1.0 0.0 0.729	1.0 67.7 -14.8	-43.3 45.9 251 0.0 0.375 1.0	
301.2	255.0	258.0	0.0 0.25 1.0	37.2 55.9 -92.2	107.9 301.2	0.0 0.707	1.0 66.1 -12.3	-46.0 47.8 255	0.0 0.25	1.0 0.0 0.691	1.0 64.9 -10.1	-48.0 49.1 258 0.0 0.25 1.0	
304.8	262.5	264.9	0.0 0.125 1.0	32.5 69.6 -100.0	121.9 304.8	0.0 0.663	1.0 63.0 -6.2	-51.0 51.5 263	0.0 0.125	1.0 0.0 0.652	1.0 62.2 -4.5	-52.1 52.4 265 0.0 0.125 1.0	
306.3	270.0	271.7	0.0 0.0 1.0	30.4 76.1 -103.5	128.5 306.3	0.0 0.624	1.0 60.2 0.0	-54.7 54.8 270	0.0 0.0	1.0 0.0 0.607	1.0 59.1 2.0	-56.8 56.9 272 0.0 0.0 1.0	
306.7	277.5	278.8	0.125 0.0 1.0	31.0 76.3 -102.4	127.8 306.7	0.0 0.558	1.0 55.7 8.8	-62.6 63.3 278	0.125 0.0	1.0 0.0 0.55	1.0 55.2 10.1	-63.5 64.3 279 0.125 0.0 1.0	
307.6	285.0	286.0	0.25 0.0 1.0	32.6 76.8 -99.7	126.0 307.6	0.0 0.5	1.0 51.8 18.3	-68.2 70.7 285	0.25 0.0	1.0 0.0 0.488	1.0 51.0 20.0	-69.7 72.6 286 0.25 0.0 1.0	
309.2	292.5	293.1	0.375 0.0 1.0	35.2 78.0 -95.4	123.3 309.2	0.0 0.399	1.0 45.4 33.6	-79.0 86.0 293	0.375 0.0	1.0 0.0 0.399	1.0 45.4 33.6	-79.0 86.0 293 0.375 0.0 1.0	
311.7	300.0	302.0	0.5 0.0 1.0	38.6 79.9 -89.6	120.1 311.7	0.0 0.274	1.0 38.4 52.2	-90.4 104.5 300	0.5 0.0	1.0 0.0 0.274	1.0 38.4 52.2	-90.4 104.5 300 0.5 0.0 1.0	
314.9	307.5	307.3	0.625 0.0 1.0	42.7 82.5 -82.7	116.9 314.9	0.282 0.0	1.0 33.2 77.2	-98.6 125.3 308	0.625 0.0	1.0 0.172	0.0 1.0 31.6	76.5 -101.427.1 307	0.625 0.0 1.0
318.8	315.0	314.4	0.75 0.0 1.0	47.3 85.9 -75.0	114.1 318.8	0.628 0.0	1.0 42.8 82.6	-82.5 116.8 315	0.75 0.0	1.0 0.59	0.0 1.0 41.6	81.8 -84.6 117.8 314	0.75 0.0 1.0
323.3	322.5	321.5	0.875 0.0 1.0	52.2 89.9 -66.8	112.1 323.3	0.866 0.0	1.0 51.8 89.6	-67.4 112.2 323	0.875 0.0	1.0 0.81	0.0 1.0 49.7	87.9 -71.1 113.1 321	0.875 0.0 1.0
328.2	330.0	328.6	1.0 0.0 1.0	57.3 94.4 -58.3	111.0 328.2	1.0 0.962	56.8 93.4	-53.8 107.8 330	1.0 0.0	1.0 0.0 0.984	1.0 57.1 93.9	-56.4 109.6 329 1.0 0.0 1.0	
334.1	337.5	335.7	1.0 0.0 0.875	55.6 90.3 -43.8	100.4 334.1	1.0 0.811	54.9 88.8	-35.8 95.8 338	1.0 0.0	1.0 0.0 0.843	1.0 55.3 89.6	-39.8 98.1 336 1.0 0.0 0.875	
341.7	345.0	342.8	1.0 0.0 0.75	54.2 86.7 -28.6	91.4 341.7	1.0 0.707	53.8 86.0	-23.0 89.1 345	1.0 0.0	1.0 0.0 0.733	1.0 54.1 86.5	-26.3 90.5 343 1.0 0.0 0.75	
351.4	352.5	349.9	1.0 0.0 0.625	53.0 83.7 -12.5	84.6 351.4	1.0 0.608	52.9 83.5	-10.2 84.2 353	1.0 0.0	1.0 0.0 0.643	1.0 53.2 84.3	-14.8 85.6 350 1.0 0.0 0.625	
362.9	360.0	357.0	1.0 0.0 0.5	52.1 81.2 4.2	81.3 362.9	1.0 0.0	0.532 52.3	82.1 0.0	0.82.1 0	1.0 0.0	0.5	1.0 0.0 0.564	52.6 82.9 -4.2 83.0 357 1.0 0.0 0.5
375.3	367.5	364.2	1.0 0.0 0.375	51.4 79.3 21.7	82.2 375.3	1.0 0.0	0.449 51.8	80.9 11.4	81.6 8	1.0 0.0	0.375	1.0 0.0 0.489	52.0 81.2 5.7 81.4 4 1.0 0.0 0.375
386.7	375.0	371.3	1.0 0.0 0.25	50.9 78.0 39.2	87.3 386.7	1.0 0.0	0.378 51.4	79.4 21.3	82.2 15	1.0 0.0	0.25	1.0 0.0 0.418	51.6 80.4 15.6 81.9 11 1.0 0.0 0.25
395.4	382.5	378.4	1.0 0.0 0.125	50.6 77.2 55.0	94.8 395.4	1.0 0.0	0.291 51.0	78.8 33.5	85.6 23	1.0 0.0	0.125	1.0 0.0 0.345	51.2 79.3 25.8 83.4 18 1.0 0.0 0.125
400.0	390.0	385.5	1.0 0.0 0.0	50.5 76.9 64.6	100.4 400.0	1.0 0.0	0.203 50.8	78.0 45.1	90.1 30	1.0 0.0	0.0	1.0 0.0 0.269	50.9 78.4 36.6 86.5 25 1.0 0.0 0.0

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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: $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																	
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix\ (x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix\ (x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix\ (x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$					
40	30	25	1.0 0.0 0.0	50.5 76.9 64.6 100.4 40 $R_d$	1.0 0.0 0.203 50.8 78.0 45.1 90.1 30	1.0 0.0 0.0 $R_s$	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 $R_e$									
41	31	27	1.0 0.095 0.0	51.3 74.6 64.9 98.9 41	1.0 0.0 0.189 50.7 78.0 46.9 91.0 31	1.0 0.017 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.017 0.0									
42	32	28	1.0 0.151 0.0	52.1 72.4 65.2 97.5 42	1.0 0.0 0.174 50.7 77.9 48.7 91.8 32	1.0 0.033 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.033 0.0									
43	33	29	1.0 0.188 0.0	52.8 70.3 65.5 96.1 43	1.0 0.0 0.16 50.7 77.7 50.5 92.7 33	1.0 0.05 0.0	1.0 0.0 0.217 50.8 78.1 43.3 89.3 29	1.0 0.05 0.0									
44	34	30	1.0 0.225 0.0	53.6 68.2 65.8 94.8 44	1.0 0.0 0.146 50.6 77.6 52.3 93.6 34	1.0 0.067 0.0	1.0 0.0 0.203 50.8 78.0 45.1 90.1 30	1.0 0.067 0.0									
45	35	31	1.0 0.256 0.0	54.3 66.1 66.1 93.5 45	1.0 0.0 0.131 50.6 77.3 54.2 94.4 35	1.0 0.083 0.0	1.0 0.0 0.189 50.7 78.0 46.9 91.0 31	1.0 0.083 0.0									
46	36	32	1.0 0.277 0.0	55.0 64.3 66.6 92.5 46	1.0 0.0 0.11 50.6 77.3 56.1 95.5 36	1.0 0.1 0.0	1.0 0.0 0.174 50.7 77.9 48.7 91.8 32	1.0 0.1 0.0									
47	37	33	1.0 0.297 0.0	55.6 62.4 66.9 91.5 47	1.0 0.0 0.082 50.6 77.2 58.2 96.7 37	1.0 0.117 0.0	1.0 0.0 0.16 50.7 77.7 50.5 92.7 33	1.0 0.117 0.0									
48	38	34	1.0 0.318 0.0	56.3 60.6 67.3 90.5 48	1.0 0.0 0.055 50.5 77.2 60.3 98.0 38	1.0 0.133 0.0	1.0 0.0 0.146 50.6 77.6 52.3 93.6 34	1.0 0.133 0.0									
49	39	36	1.0 0.338 0.0	57.0 58.7 67.6 89.5 49	1.0 0.0 0.028 50.5 77.1 62.4 99.2 39	1.0 0.15 0.0	1.0 0.0 0.11 50.6 77.3 56.1 95.5 36	1.0 0.15 0.0									
50	40	37	1.0 0.359 0.0	57.7 56.9 67.8 88.5 50	1.0 0.0 0.0 50.5 76.9 64.6 100.4 40	1.0 0.167 0.0	1.0 0.0 0.082 50.6 77.2 58.2 96.7 37	1.0 0.167 0.0									
51	41	38	1.0 0.378 0.0	58.3 55.1 68.1 87.6 51	1.0 0.095 0.0 51.3 74.6 64.9 98.9 41	1.0 0.183 0.0	1.0 0.0 0.055 50.5 77.2 60.3 98.0 38	1.0 0.183 0.0									
52	42	39	1.0 0.392 0.0	58.9 53.6 68.6 87.0 52	1.0 0.151 0.0 52.1 72.4 65.2 97.5 42	1.0 0.2 0.0	1.0 0.0 0.028 50.5 77.1 62.4 99.2 39	1.0 0.2 0.0									
53	43	40	1.0 0.406 0.0	59.6 52.0 69.0 86.4 53	1.0 0.188 0.0 52.8 70.3 65.5 96.1 43	1.0 0.217 0.0	1.0 0.0 0.0 50.5 76.9 64.6 100.4 40	1.0 0.217 0.0									
54	44	41	1.0 0.42 0.0	60.2 50.4 69.4 85.8 54	1.0 0.225 0.0 53.6 68.2 65.8 94.8 44	1.0 0.233 0.0	1.0 0.095 0.0 51.3 74.6 64.9 98.9 41	1.0 0.233 0.0									
55	45	42	1.0 0.433 0.0	60.8 48.8 69.8 85.2 55	1.0 0.256 0.0 54.3 66.1 66.1 93.5 45	1.0 0.25 0.0	1.0 0.151 0.0 52.1 72.4 65.2 97.5 42	1.0 0.25 0.0									
56	46	43	1.0 0.447 0.0	61.4 47.3 70.1 84.5 56	1.0 0.277 0.0 55.0 64.3 66.6 92.5 46	1.0 0.267 0.0	1.0 0.188 0.0 52.8 70.3 65.5 96.1 43	1.0 0.267 0.0									
57	47	44	1.0 0.461 0.0	62.0 45.7 70.4 83.9 57	1.0 0.297 0.0 55.6 62.4 66.9 91.5 47	1.0 0.283 0.0	1.0 0.225 0.0 53.6 68.2 65.8 94.8 44	1.0 0.283 0.0									
58	48	46	1.0 0.475 0.0	62.6 44.1 70.7 83.3 58	1.0 0.318 0.0 56.3 60.6 67.3 90.5 48	1.0 0.3 0.0	1.0 0.277 0.0 55.0 64.3 66.6 92.5 46	1.0 0.3 0.0									
59	49	47	1.0 0.489 0.0	63.2 42.6 70.9 82.7 59	1.0 0.338 0.0 57.0 58.7 67.6 89.5 49	1.0 0.317 0.0	1.0 0.297 0.0 55.6 62.4 66.9 91.5 47	1.0 0.317 0.0									
60	50	48	1.0 0.502 0.0	63.8 41.1 71.2 82.2 60	1.0 0.359 0.0 57.7 56.9 67.8 88.5 50	1.0 0.333 0.0	1.0 0.318 0.0 56.3 60.6 67.3 90.5 48	1.0 0.333 0.0									
61	51	49	1.0 0.513 0.0	64.4 39.7 71.6 81.9 61	1.0 0.378 0.0 58.3 55.1 68.1 87.6 51	1.0 0.35 0.0	1.0 0.338 0.0 57.0 58.7 67.6 89.5 49	1.0 0.35 0.0									
62	52	50	1.0 0.525 0.0	64.9 38.3 72.1 81.7 62	1.0 0.392 0.0 58.9 53.6 68.6 87.0 52	1.0 0.367 0.0	1.0 0.359 0.0 57.7 56.9 67.8 88.5 50	1.0 0.367 0.0									
63	53	51	1.0 0.536 0.0	65.5 37.0 72.5 81.4 63	1.0 0.406 0.0 59.6 52.0 69.0 86.4 53	1.0 0.383 0.0	1.0 0.378 0.0 58.3 55.1 68.1 87.6 51	1.0 0.383 0.0									
64	54	52	1.0 0.547 0.0	66.1 35.6 72.9 81.1 64	1.0 0.42 0.0 60.2 50.4 69.4 85.8 54	1.0 0.4 0.0	1.0 0.392 0.0 58.9 53.6 68.6 87.0 52	1.0 0.4 0.0									
65	55	53	1.0 0.558 0.0	66.7 34.2 73.3 80.9 65	1.0 0.433 0.0 60.8 48.8 69.8 85.2 55	1.0 0.417 0.0	1.0 0.406 0.0 59.6 52.0 69.0 86.4 53	1.0 0.417 0.0									
66	56	54	1.0 0.569 0.0	67.2 32.8 73.7 80.6 66	1.0 0.447 0.0 61.4 47.3 70.1 84.5 56	1.0 0.433 0.0	1.0 0.42 0.0 60.2 50.4 69.4 85.8 54	1.0 0.433 0.0									
67	57	56	1.0 0.58 0.0	67.8 31.4 74.0 80.4 67	1.0 0.461 0.0 62.0 45.7 70.4 83.9 57	1.0 0.45 0.0	1.0 0.447 0.0 61.4 47.3 70.1 84.5 56	1.0 0.45 0.0									
68	58	57	1.0 0.591 0.0	68.4 30.0 74.3 80.1 68	1.0 0.475 0.0 62.6 44.7 70.7 83.3 58	1.0 0.467 0.0	1.0 0.461 0.0 62.0 45.7 70.4 83.9 57	1.0 0.467 0.0									
69	59	58	1.0 0.602 0.0	69.0 28.6 74.6 79.9 69	1.0 0.489 0.0 63.2 42.6 70.9 82.7 59	1.0 0.483 0.0	1.0 0.475 0.0 62.6 44.1 70.7 83.3 58	1.0 0.483 0.0									
70	60	59	1.0 0.614 0.0	69.5 27.2 74.8 79.6 70	1.0 0.502 0.0 63.8 41.1 71.2 82.2 60	1.0 0.5 0.0	1.0 0.489 0.0 63.2 42.6 70.9 82.7 59	1.0 0.5 0.0									
71	61	60	1.0 0.625 0.0	70.1 25.8 75.0 79.4 71	1.0 0.513 0.0 64.4 39.7 71.6 81.9 61	1.0 0.517 0.0	1.0 0.502 0.0 63.8 41.1 71.2 82.2 60	1.0 0.517 0.0									
72	62	61	1.0 0.635 0.0	70.7 24.5 75.6 79.4 72	1.0 0.525 0.0 64.9 38.3 72.1 81.7 62	1.0 0.533 0.0	1.0 0.513 0.0 64.4 39.7 71.6 81.9 61	1.0 0.533 0.0									
73	63	62	1.0 0.646 0.0	71.3 23.3 76.1 79.5 73	1.0 0.536 0.0 65.5 37.0 72.5 81.4 63	1.0 0.55 0.0	1.0 0.525 0.0 64.9 38.3 72.1 81.7 62	1.0 0.55 0.0									
74	64	63	1.0 0.656 0.0	71.9 21.9 76.5 79.6 74	1.0 0.547 0.0 66.1 35.6 72.9 81.1 64	1.0 0.567 0.0	1.0 0.536 0.0 65.5 37.0 72.5 81.4 63	1.0 0.567 0.0									
75	65	64	1.0 0.667 0.0	72.5 20.6 77.0 79.7 75	1.0 0.558 0.0 66.7 34.2 73.3 80.9 65	1.0 0.583 0.0	1.0 0.547 0.0 66.1 35.6 72.9 81.1 64	1.0 0.583 0.0									
76	66	66	1.0 0.677 0.0	73.1 19.3 77.4 79.8 76	1.0 0.569 0.0 67.2 32.8 73.7 80.6 66	1.0 0.6 0.0	1.0 0.569 0.0 67.2 32.8 73.7 80.6 66	1.0 0.6 0.0									
77	67	67	1.0 0.688 0.0	73.7 18.0 77.8 79.9 77	1.0 0.58 0.0 67.8 31.4 74.0 80.4 67	1.0 0.617 0.0	1.0 0.58 0.0 67.8 31.4 74.0 80.4 67	1.0 0.617 0.0									
78	68	68	1.0 0.698 0.0	74.3 16.6 78.2 80.0 78	1.0 0.591 0.0 68.4 30.0 74.3 80.1 68	1.0 0.633 0.0	1.0 0.591 0.0 68.4 30.0 74.3 80.1 68	1.0 0.633 0.0									
79	69	69	1.0 0.708 0.0	74.9 15.3 78.6 80.1 79	1.0 0.602 0.0 69.0 28.6 74.6 79.9 69	1.0 0.65 0.0	1.0 0.602 0.0 69.0 28.6 74.6 79.9 69	1.0 0.65 0.0									
80	70	70	1.0 0.719 0.0	75.5 13.9 78.9 80.1 80	1.0 0.614 0.0 69.5 27.2 74.8 79.6 70	1.0 0.667 0.0	1.0 0.614 0.0 69.5 27.2 74.8 79.6 70	1.0 0.667 0.0									
81	71	71	1.0 0.729 0.0	76.1 12.6 79.2 80.2 81	1.0 0.625 0.0 70.1 25.8 75.0 79.4 71	1.0 0.683 0.0	1.0 0.625 0.0 70.1 25.8 75.0 79.4 71	1.0 0.683 0.0									
82	72	72	1.0 0.74 0.0	76.7 11.2 79.5 80.3 82	1.0 0.635 0.0 70.7 24.5 75.6 79.4 72	1.0 0.7 0.0	1.0 0.635 0.0 70.7 24.5 75.6 79.4 72	1.0 0.7 0.0									
83	73	73	1.0 0.75 0.0	77.3 9.8 79.8 80.4 83	1.0 0.646 0.0 71.3 23.3 76.1 79.5 73	1.0 0.717 0.0	1.0 0.646 0.0 71.3 23.3 76.1 79.5 73	1.0 0.717 0.0									
84	74	74	1.0 0.762 0.0	78.0 8.5 80.4 80.9 84	1.0 0.656 0.0 71.9 21.9 76.5 79.6 74	1.0 0.733 0.0	1.0 0.656 0.0 71.9 21.9 76.5 79.6 74	1.0 0.733 0.0									
85	75	76	1.0 0.773 0.0	78.7 7.1 81.0 81.3 85	1.0 0.667 0.0 72.5 20.6 77.0 79.7 75	1.0 0.75 0.0	1.0 0.677 0.0 73.1 19.3 77.4 79.8 76	1.0 0.75 0.0									

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
85	75	76	1.0 0.773 0.0	78.7 7.1 81.0 81.3 85	1.0 0.667 0.0	72.5 20.6 77.0 79.7 75	1.0 0.75 0.0	1.0 0.677 0.0	73.1 19.3 77.4 79.8 76	1.0 0.75 0.0		
86	76	77	1.0 0.785 0.0	79.3 5.7 81.6 81.8 86	1.0 0.677 0.0	73.1 19.3 77.4 79.8 76	1.0 0.767 0.0	1.0 0.688 0.0	73.7 18.0 77.8 79.9 77	1.0 0.767 0.0		
87	77	78	1.0 0.796 0.0	80.0 4.3 82.1 82.2 87	1.0 0.688 0.0	73.7 18.0 77.8 79.9 77	1.0 0.783 0.0	1.0 0.698 0.0	74.3 16.6 78.2 80.0 78	1.0 0.783 0.0		
88	78	79	1.0 0.808 0.0	80.7 2.9 82.6 82.7 88	1.0 0.698 0.0	74.3 16.6 78.2 80.0 78	1.0 0.8 0.0	1.0 0.708 0.0	74.9 15.3 78.6 80.1 79	1.0 0.8 0.0		
89	79	80	1.0 0.819 0.0	81.4 1.5 83.1 83.1 89	1.0 0.708 0.0	74.9 15.3 78.6 80.1 79	1.0 0.817 0.0	1.0 0.719 0.0	75.5 13.9 78.9 80.1 80	1.0 0.817 0.0		
90	80	81	1.0 0.831 0.0	82.1 0.0 83.5 83.5 90	1.0 0.719 0.0	75.5 13.9 78.9 80.1 80	1.0 0.833 0.0	1.0 0.729 0.0	76.1 12.6 79.2 80.2 81	1.0 0.833 0.0		
91	81	82	1.0 0.842 0.0	82.8 -1.4 84.0 84.0 91	1.0 0.729 0.0	76.1 12.6 79.2 80.2 81	1.0 0.85 0.0	1.0 0.74 0.0	76.7 11.2 79.5 80.3 82	1.0 0.85 0.0		
92	82	83	1.0 0.853 0.0	83.5 -2.8 84.4 84.4 92	1.0 0.74 0.0	76.7 11.2 79.5 80.3 82	1.0 0.867 0.0	1.0 0.75 0.0	77.3 9.8 79.8 80.4 83	1.0 0.867 0.0		
93	83	85	1.0 0.865 0.0	84.2 -4.3 84.8 84.9 93	1.0 0.75 0.0	77.3 9.8 79.8 80.4 83	1.0 0.883 0.0	1.0 0.773 0.0	78.7 7.1 81.0 81.3 85	1.0 0.883 0.0		
94	84	86	1.0 0.877 0.0	84.9 -5.9 85.2 85.4 94	1.0 0.762 0.0	78.0 8.5 80.4 80.9 84	1.0 0.9 0.0	1.0 0.785 0.0	79.3 5.7 81.6 81.8 86	1.0 0.9 0.0		
95	85	87	1.0 0.891 0.0	85.8 -7.4 85.9 86.3 95	1.0 0.773 0.0	78.7 7.1 81.0 81.3 85	1.0 0.917 0.0	1.0 0.796 0.0	80.0 4.3 82.1 82.2 87	1.0 0.917 0.0		
96	86	88	1.0 0.904 0.0	86.7 -9.0 86.6 87.1 96	1.0 0.785 0.0	79.3 5.7 81.6 81.8 86	1.0 0.933 0.0	1.0 0.808 0.0	80.7 2.9 82.6 82.7 88	1.0 0.933 0.0		
97	87	89	1.0 0.918 0.0	87.5 -10.6 87.3 88.0 97	1.0 0.796 0.0	80.0 4.3 82.1 82.2 87	1.0 0.95 0.0	1.0 0.819 0.0	81.4 1.5 83.1 83.1 89	1.0 0.95 0.0		
98	88	90	1.0 0.932 0.0	88.4 -12.3 88.0 88.9 98	1.0 0.808 0.0	80.7 2.9 82.6 82.7 88	1.0 0.967 0.0	1.0 0.831 0.0	82.1 0.0 83.5 83.5 90	1.0 0.967 0.0		
99	89	91	1.0 0.946 0.0	89.3 -13.9 88.6 89.7 99	1.0 0.819 0.0	81.4 1.5 83.1 83.1 89	1.0 0.983 0.0	1.0 0.842 0.0	82.8 -1.4 84.0 84.0 91	1.0 0.983 0.0		
100	90	92	1.0 0.96 0.0	90.2 -15.6 89.2 90.6 100	1.0 0.831 0.0	82.1 0.0 83.5 83.5 90	1.0 1.0 0.0 $J_s$	1.0 0.853 0.0	83.5 -2.8 84.4 84.4 92	1.0 1.0 0.0 $J_e$		
101	91	93	1.0 0.974 0.0	91.0 -17.4 89.8 91.5 101	1.0 0.842 0.0	82.8 -1.4 84.0 84.0 91	1.0 0.983 1.0 0.0	1.0 0.865 0.0	84.2 -4.3 84.8 84.9 93	1.0 0.983 1.0 0.0		
102	92	95	1.0 0.988 0.0	91.9 -19.1 90.3 92.3 102	1.0 0.853 0.0	83.5 -2.8 84.4 84.4 92	1.0 0.967 1.0 0.0	1.0 0.891 0.0	85.8 -7.4 85.9 86.3 95	1.0 0.967 1.0 0.0		
103	93	96	0.998 1.0 0.0	92.6 -20.8 90.7 93.1 103	1.0 0.865 0.0	84.2 -4.3 84.8 84.9 93	0.95 1.0 0.0	1.0 0.904 0.0	86.7 -9.0 86.6 87.1 96	0.95 1.0 0.0		
104	94	97	0.981 1.0 0.0	92.3 -22.5 90.5 93.2 104	1.0 0.877 0.0	84.9 -5.9 85.2 85.4 94	0.933 1.0 0.0	1.0 0.918 0.0	87.5 -10.6 87.3 88.0 97	0.933 1.0 0.0		
105	95	98	0.965 1.0 0.0	92.0 -24.1 90.2 93.4 105	1.0 0.891 0.0	85.8 -7.4 85.9 86.3 95	0.917 1.0 0.0	1.0 0.932 0.0	88.4 -12.3 88.0 88.9 98	0.917 1.0 0.0		
106	96	99	0.949 1.0 0.0	91.8 -25.7 89.9 93.5 106	1.0 0.904 0.0	86.7 -9.0 86.6 87.1 96	0.9 1.0 0.0	1.0 0.946 0.0	89.3 -13.9 88.6 89.7 99	0.9 1.0 0.0		
107	97	100	0.933 1.0 0.0	91.5 -27.3 89.6 93.6 107	1.0 0.918 0.0	87.5 -10.6 87.3 88.0 97	0.883 1.0 0.0	1.0 0.96 0.0	90.2 -15.6 89.2 90.6 100	0.883 1.0 0.0		
108	98	102	0.917 1.0 0.0	91.2 -28.9 89.2 93.8 108	1.0 0.932 0.0	88.4 -12.3 88.0 88.9 98	0.867 1.0 0.0	1.0 0.988 0.0	91.9 -19.1 90.3 92.3 102	0.867 1.0 0.0		
109	99	103	0.901 1.0 0.0	90.9 -30.5 88.8 93.9 109	1.0 0.946 0.0	89.3 -13.9 88.6 89.7 99	0.85 1.0 0.0	0.998 1.0 0.0	92.6 -20.8 90.7 93.1 103	0.85 1.0 0.0		
110	100	104	0.884 1.0 0.0	90.6 -32.1 88.4 94.1 110	1.0 0.96 0.0	90.2 -15.6 89.2 90.6 100	0.833 1.0 0.0	0.981 1.0 0.0	92.3 -22.5 90.5 93.2 104	0.833 1.0 0.0		
111	101	105	0.868 1.0 0.0	90.3 -33.7 88.0 94.3 111	1.0 0.974 0.0	91.0 -17.4 89.8 91.5 101	0.817 1.0 0.0	0.965 1.0 0.0	92.0 -24.1 90.2 93.4 105	0.817 1.0 0.0		
112	102	106	0.85 1.0 0.0	90.1 -35.4 87.8 94.7 112	1.0 0.988 0.0	91.9 -19.1 90.3 92.3 102	0.8 1.0 0.0	0.949 1.0 0.0	91.8 -25.7 89.9 93.5 106	0.8 1.0 0.0		
113	103	107	0.832 1.0 0.0	89.8 -37.1 87.5 95.1 113	0.998 1.0 0.0	92.6 -20.8 90.7 93.1 103	0.783 1.0 0.0	0.933 1.0 0.0	91.5 -27.3 89.6 93.6 107	0.783 1.0 0.0		
114	104	109	0.814 1.0 0.0	89.5 -38.7 87.2 95.5 114	0.981 1.0 0.0	92.3 -22.5 90.5 93.2 104	0.767 1.0 0.0	0.901 1.0 0.0	90.9 -30.5 88.8 93.9 109	0.767 1.0 0.0		
115	105	110	0.797 1.0 0.0	89.3 -40.4 86.9 95.9 115	0.965 1.0 0.0	92.0 -24.1 90.2 93.4 105	0.75 1.0 0.0	0.884 1.0 0.0	90.6 -32.1 88.4 94.1 110	0.75 1.0 0.0		
116	106	111	0.779 1.0 0.0	89.0 -42.1 86.5 96.3 116	0.949 1.0 0.0	91.8 -25.7 89.9 93.5 106	0.733 1.0 0.0	0.868 1.0 0.0	90.3 -33.7 88.0 94.3 111	0.733 1.0 0.0		
117	107	112	0.761 1.0 0.0	88.7 -43.8 86.1 96.6 117	0.933 1.0 0.0	91.5 -27.3 89.6 93.6 107	0.717 1.0 0.0	0.85 1.0 0.0	90.1 -35.4 87.8 94.7 112	0.717 1.0 0.0		
118	108	113	0.742 1.0 0.0	88.4 -45.5 85.8 97.1 118	0.917 1.0 0.0	91.2 -28.9 89.2 93.8 108	0.7 1.0 0.0	0.832 1.0 0.0	89.8 -37.1 87.5 95.1 113	0.7 1.0 0.0		
119	109	114	0.721 1.0 0.0	88.2 -47.3 85.5 97.8 119	0.901 1.0 0.0	90.9 -30.5 88.8 93.9 109	0.683 1.0 0.0	0.814 1.0 0.0	89.5 -38.7 87.2 95.5 114	0.683 1.0 0.0		
120	110	116	0.7 1.0 0.0	87.9 -49.1 85.3 98.4 120	0.884 1.0 0.0	90.6 -32.1 88.4 94.1 110	0.667 1.0 0.0	0.779 1.0 0.0	89.0 -42.1 86.5 96.3 116	0.667 1.0 0.0		
121	111	117	0.68 1.0 0.0	87.7 -50.9 84.9 99.1 121	0.868 1.0 0.0	90.3 -33.7 88.0 94.3 111	0.65 1.0 0.0	0.761 1.0 0.0	88.7 -43.8 86.1 96.6 117	0.65 1.0 0.0		
122	112	118	0.659 1.0 0.0	87.4 -52.8 84.6 99.7 122	0.85 1.0 0.0	90.1 -35.4 87.8 94.7 112	0.633 1.0 0.0	0.742 1.0 0.0	88.4 -45.5 85.8 97.1 118	0.633 1.0 0.0		
123	113	119	0.638 1.0 0.0	87.1 -54.6 84.2 100.4 123	0.832 1.0 0.0	89.8 -37.1 87.5 95.1 113	0.617 1.0 0.0	0.721 1.0 0.0	88.2 -47.3 85.5 97.8 119	0.617 1.0 0.0		
124	114	120	0.615 1.0 0.0	86.9 -56.5 83.9 101.1 124	0.814 1.0 0.0	89.5 -38.7 87.2 95.5 114	0.6 1.0 0.0	0.7 1.0 0.0	87.9 -49.1 85.3 98.4 120	0.6 1.0 0.0		
125	115	121	0.589 1.0 0.0	86.6 -58.4 83.6 102.1 125	0.797 1.0 0.0	89.3 -40.4 86.9 95.9 115	0.583 1.0 0.0	0.68 1.0 0.0	87.7 -50.9 84.9 99.1 121	0.583 1.0 0.0		
126	116	123	0.562 1.0 0.0	86.3 -60.4 83.3 103.0 126	0.779 1.0 0.0	89.0 -42.1 86.5 96.3 116	0.567 1.0 0.0	0.638 1.0 0.0	87.1 -54.6 84.2 100.4 123	0.567 1.0 0.0		
127	117	124	0.536 1.0 0.0	86.1 -62.4 83.0 103.9 127	0.761 1.0 0.0	88.7 -43.8 86.1 96.6 117	0.55 1.0 0.0	0.615 1.0 0.0	86.9 -56.5 83.9 101.1 124	0.55 1.0 0.0		
128	118	125	0.51 1.0 0.0	85.8 -64.4 82.6 104.8 128	0.742 1.0 0.0	88.4 -45.5 85.8 97.1 118	0.533 1.0 0.0	0.589 1.0 0.0	86.6 -58.4 83.6 102.1 125	0.533 1.0 0.0		
129	119	126	0.477 1.0 0.0	85.5 -66.5 82.3 105.8 129	0.721 1.0 0.0	88.2 -47.3 85.5 97.8 119	0.517 1.0 0.0	0.562 1.0 0.0	86.3 -60.4 83.3 103.0 126	0.517 1.0 0.0		
130	120	127	0.442 1.0 0.0	85.3 -68.7 82.0 107.0 130	0.7 1.0 0.0	87.9 -49.1 85.3 98.4 120	0.5 1.0 0.0	0.536 1.0 0.0	86.1 -62.4 83.0 103.9 127	0.5 1.0 0.0		



Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
175	165	176	0.0	1.0	0.839	85.8	-57.0	5.0	57.3	175	0.0	1.0
176	166	177	0.0	1.0	0.848	85.9	-56.4	4.0	56.6	176	0.0	1.0
177	167	178	0.0	1.0	0.857	86.0	-55.7	2.9	55.9	177	0.0	1.0
178	168	179	0.0	1.0	0.867	86.0	-55.1	1.9	55.2	178	0.0	1.0
179	169	180	0.0	1.0	0.876	86.1	-54.4	1.0	54.5	179	0.0	1.0
180	170	180	0.0	1.0	0.883	86.1	-54.1	0.0	54.2	180	0.0	1.0
181	171	181	0.0	1.0	0.89	86.2	-53.7	-0.8	53.8	181	0.0	1.0
182	172	182	0.0	1.0	0.897	86.2	-53.3	-1.8	53.4	182	0.0	1.0
183	173	183	0.0	1.0	0.905	86.2	-52.9	-2.7	53.1	183	0.0	1.0
184	174	184	0.0	1.0	0.912	86.3	-52.5	-3.6	52.7	184	0.0	1.0
185	175	185	0.0	1.0	0.919	86.3	-52.0	-4.5	52.3	185	0.0	1.0
186	176	186	0.0	1.0	0.926	86.4	-51.6	-5.3	52.0	186	0.0	1.0
187	177	187	0.0	1.0	0.933	86.4	-51.1	-6.2	51.6	187	0.0	1.0
188	178	188	0.0	1.0	0.94	86.5	-50.6	-7.0	51.2	188	0.0	1.0
189	179	189	0.0	1.0	0.947	86.5	-50.1	-7.9	50.8	189	0.0	1.0
190	180	190	0.0	1.0	0.955	86.6	-49.6	-8.7	50.5	190	0.0	1.0
191	181	191	0.0	1.0	0.962	86.6	-49.1	-9.5	50.1	191	0.0	1.0
192	182	191	0.0	1.0	0.969	86.7	-48.6	-10.2	49.7	192	0.0	1.0
193	183	192	0.0	1.0	0.976	86.7	-48.0	-11.0	49.4	193	0.0	1.0
194	184	193	0.0	1.0	0.983	86.8	-47.5	-11.8	49.0	194	0.0	1.0
195	185	194	0.0	1.0	0.99	86.8	-46.9	-12.5	48.6	195	0.0	1.0
196	186	195	0.0	1.0	0.997	86.9	-46.3	-13.2	48.3	196	C <sub>d</sub>	0.0
197	187	196	0.0	0.997	1.0	86.6	-45.8	-13.9	48.0	197	0.0	1.0
198	188	197	0.0	0.991	1.0	86.3	-45.3	-14.6	47.7	198	0.0	1.0
199	189	198	0.0	0.986	1.0	85.9	-44.8	-15.4	47.5	199	0.0	1.0
200	190	199	0.0	0.981	1.0	85.5	-44.3	-16.0	47.2	200	0.0	1.0
201	191	200	0.0	0.975	1.0	85.1	-43.7	-16.7	47.0	201	0.0	1.0
202	192	201	0.0	0.97	1.0	84.7	-43.2	-17.4	46.7	202	0.0	1.0
203	193	201	0.0	0.965	1.0	84.4	-42.7	-18.0	46.4	203	0.0	1.0
204	194	202	0.0	0.959	1.0	84.0	-42.1	-18.7	46.2	204	0.0	1.0
205	195	203	0.0	0.954	1.0	83.6	-41.5	-19.3	45.9	205	0.0	1.0
206	196	204	0.0	0.949	1.0	83.2	-41.0	-19.9	45.7	206	0.0	1.0
207	197	205	0.0	0.943	1.0	82.9	-40.4	-20.5	45.4	207	0.0	1.0
208	198	206	0.0	0.938	1.0	82.5	-39.8	-21.1	45.2	208	0.0	1.0
209	199	207	0.0	0.933	1.0	82.1	-39.2	-21.7	44.9	209	0.0	1.0
210	200	208	0.0	0.927	1.0	81.7	-38.6	-22.2	44.7	210	0.0	1.0
211	201	209	0.0	0.922	1.0	81.3	-38.0	-22.8	44.4	211	0.0	1.0
212	202	210	0.0	0.917	1.0	81.0	-37.3	-23.3	44.2	212	0.0	1.0
213	203	211	0.0	0.911	1.0	80.6	-36.7	-23.8	43.9	213	0.0	1.0
214	204	212	0.0	0.906	1.0	80.2	-36.1	-24.3	43.6	214	0.0	1.0
215	205	212	0.0	0.901	1.0	79.8	-35.4	-24.8	43.4	215	0.0	1.0
216	206	213	0.0	0.895	1.0	79.5	-34.8	-25.3	43.1	216	0.0	1.0
217	207	214	0.0	0.89	1.0	79.1	-34.1	-25.7	42.9	217	0.0	1.0
218	208	215	0.0	0.885	1.0	78.7	-33.5	-26.1	42.6	218	0.0	1.0
219	209	216	0.0	0.879	1.0	78.3	-32.8	-26.6	42.4	219	0.0	1.0
220	210	217	0.0	0.874	1.0	77.9	-32.2	-27.0	42.2	220	0.0	1.0



Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
265	255	258	0.0 0.652 1.0	62.2 -4.5 -52.1 52.4 265	0.0 0.707 1.0	66.1 -12.3 -46.0 47.8 255	0.0 0.25 1.0	0.0 0.691 1.0	64.9 -10.1 -48.0 49.1 258	0.0 0.25 1.0	0.0 0.25	0.0 0.25
266	256	259	0.0 0.646 1.0	61.8 -3.6 -52.6 52.8 266	0.0 0.702 1.0	65.7 -11.6 -46.7 48.2 256	0.0 0.233 1.0	0.0 0.685 1.0	64.5 -9.4 -48.6 49.6 259	0.0 0.233 1.0	0.0 0.233	0.0 0.233
267	257	260	0.0 0.641 1.0	61.4 -2.7 -53.1 53.3 267	0.0 0.696 1.0	65.3 -10.9 -47.3 48.7 257	0.0 0.217 1.0	0.0 0.679 1.0	64.2 -8.6 -49.2 50.1 260	0.0 0.217 1.0	0.0 0.217	0.0 0.217
268	258	261	0.0 0.635 1.0	61.0 -1.8 -53.6 53.8 268	0.0 0.691 1.0	64.9 -10.1 -48.0 49.1 258	0.0 0.2 1.0	0.0 0.674 1.0	63.8 -7.8 -49.8 50.5 261	0.0 0.2 1.0	0.0 0.2	0.0 0.2
269	259	262	0.0 0.63 1.0	60.6 -0.8 -54.1 54.2 269	0.0 0.685 1.0	64.5 -9.4 -48.6 49.6 259	0.0 0.183 1.0	0.0 0.668 1.0	63.4 -7.0 -50.4 51.0 262	0.0 0.183 1.0	0.0 0.183	0.0 0.183
270	260	263	0.0 0.624 1.0	60.2 0.0 -54.7 54.8 270	0.0 0.679 1.0	64.2 -8.6 -49.2 50.1 260	0.0 0.167 1.0	0.0 0.663 1.0	63.0 -6.2 -51.0 51.5 263	0.0 0.167 1.0	0.0 0.167	0.0 0.167
271	261	264	0.0 0.615 1.0	59.7 1.0 -55.7 55.9 271	0.0 0.674 1.0	63.8 -7.8 -49.8 50.5 261	0.0 0.15 1.0	0.0 0.657 1.0	62.6 -5.3 -51.5 51.9 264	0.0 0.15 1.0	0.0 0.15	0.0 0.15
272	262	264	0.0 0.607 1.0	59.1 2.0 -56.8 56.9 272	0.0 0.668 1.0	63.4 -7.0 -50.4 51.0 262	0.0 0.133 1.0	0.0 0.657 1.0	62.6 -5.3 -51.5 51.9 264	0.0 0.133 1.0	0.0 0.133	0.0 0.133
273	263	265	0.0 0.599 1.0	58.5 3.0 -57.8 58.0 273	0.0 0.663 1.0	63.0 -6.2 -51.0 51.5 263	0.0 0.117 1.0	0.0 0.652 1.0	62.2 -4.5 -52.1 52.4 265	0.0 0.117 1.0	0.0 0.117	0.0 0.117
274	264	266	0.0 0.591 1.0	58.0 4.1 -58.8 59.0 274	0.0 0.657 1.0	62.6 -5.3 -51.5 51.9 264	0.0 0.1 1.0	0.0 0.646 1.0	61.8 -3.6 -52.6 52.8 266	0.0 0.1 1.0	0.0 0.1	0.0 0.1
275	265	267	0.0 0.583 1.0	57.4 5.2 -59.8 60.1 275	0.0 0.652 1.0	62.2 -4.5 -52.1 52.4 265	0.0 0.083 1.0	0.0 0.641 1.0	61.4 -2.7 -53.1 53.3 267	0.0 0.083 1.0	0.0 0.083	0.0 0.083
276	266	268	0.0 0.574 1.0	56.9 6.4 -60.7 61.2 276	0.0 0.646 1.0	61.8 -3.6 -52.6 52.8 266	0.0 0.067 1.0	0.0 0.635 1.0	61.0 -1.8 -53.6 53.8 268	0.0 0.067 1.0	0.0 0.067	0.0 0.067
277	267	269	0.0 0.566 1.0	56.3 7.6 -61.7 62.2 277	0.0 0.641 1.0	61.4 -2.7 -53.1 53.3 267	0.0 0.05 1.0	0.0 0.63 1.0	60.6 -0.8 -54.1 54.2 269	0.0 0.05 1.0	0.0 0.05	0.0 0.05
278	268	270	0.0 0.558 1.0	55.7 8.8 -62.6 63.3 278	0.0 0.635 1.0	61.0 -1.8 -53.6 53.8 268	0.0 0.033 1.0	0.0 0.624 1.0	60.2 0.0 -54.7 54.8 270	0.0 0.033 1.0	0.0 0.033	0.0 0.033
279	269	271	0.0 0.55 1.0	55.2 10.1 -63.5 64.3 279	0.0 0.63 1.0	60.6 -0.8 -54.1 54.2 269	0.0 0.017 1.0	0.0 0.615 1.0	59.7 1.0 -55.7 55.9 271	0.0 0.017 1.0	0.0 0.017	0.0 0.017
280	270	272	0.0 0.541 1.0	54.6 11.4 -64.3 65.4 280	0.0 0.624 1.0	60.2 0.0 -54.7 54.8 270	0.0 0.0 1.0	1.0 $B_s$	0.0 0.607 1.0	59.1 2.0 -56.8 56.9 272	0.0 0.0 1.0	1.0 $B_e$
281	271	273	0.0 0.533 1.0	54.1 12.7 -65.1 66.5 281	0.0 0.615 1.0	59.7 1.0 -55.7 55.9 271	0.0 0.017 1.0	1.0 0.0	0.0 0.599 1.0	58.5 3.0 -57.8 58.0 273	0.0 0.017 1.0	1.0 0.0
282	272	274	0.0 0.525 1.0	53.5 14.0 -66.0 67.5 282	0.0 0.607 1.0	59.1 2.0 -56.8 56.9 272	0.0 0.033 1.0	1.0 0.0	0.0 0.591 1.0	58.0 4.1 -58.8 59.0 274	0.0 0.033 1.0	1.0 0.0
283	273	275	0.0 0.517 1.0	52.9 15.4 -66.7 68.6 283	0.0 0.599 1.0	58.5 3.0 -57.8 58.0 273	0.0 0.05 1.0	1.0 0.0	0.0 0.583 1.0	57.4 5.2 -59.8 60.1 275	0.0 0.05 1.0	1.0 0.0
284	274	276	0.0 0.508 1.0	52.4 16.9 -67.5 69.7 284	0.0 0.591 1.0	58.0 4.1 -58.8 59.0 274	0.0 0.067 1.0	1.0 0.0	0.0 0.574 1.0	56.9 6.4 -60.7 61.2 276	0.0 0.067 1.0	1.0 0.0
285	275	276	0.0 0.5 1.0	51.8 18.3 -68.2 70.7 285	0.0 0.583 1.0	57.4 5.2 -59.8 60.1 275	0.0 0.083 1.0	1.0 0.0	0.0 0.574 1.0	56.9 6.4 -60.7 61.2 276	0.0 0.083 1.0	1.0 0.0
286	276	277	0.0 0.488 1.0	51.0 20.0 -69.7 72.6 286	0.0 0.574 1.0	56.9 6.4 -60.7 61.2 276	0.1 0.0	1.0 0.0	0.0 0.566 1.0	56.3 7.6 -61.7 62.2 277	0.1 0.0	1.0 0.0
287	277	278	0.0 0.475 1.0	50.2 21.8 -71.2 74.5 287	0.0 0.566 1.0	56.3 7.6 -61.7 62.2 277	0.117 0.0	1.0 0.0	0.0 0.558 1.0	55.7 8.8 -62.6 63.3 278	0.117 0.0	1.0 0.0
288	278	279	0.0 0.462 1.0	49.4 23.6 -72.6 76.4 288	0.0 0.558 1.0	55.7 8.8 -62.6 63.3 278	0.133 0.0	1.0 0.0	0.0 0.55 1.0	55.2 10.1 -63.5 64.3 279	0.133 0.0	1.0 0.0
289	279	280	0.0 0.45 1.0	48.6 25.5 -74.0 78.3 289	0.0 0.55 1.0	55.2 10.1 -63.5 64.3 279	0.15 0.0	1.0 0.0	0.0 0.541 1.0	54.6 11.4 -64.3 65.4 280	0.15 0.0	1.0 0.0
290	280	281	0.0 0.437 1.0	47.8 27.4 -75.3 80.2 290	0.0 0.541 1.0	54.6 11.4 -64.3 65.4 280	0.167 0.0	1.0 0.0	0.0 0.533 1.0	54.1 12.7 -65.1 66.5 281	0.167 0.0	1.0 0.0
291	281	282	0.0 0.424 1.0	47.0 29.4 -76.6 82.1 291	0.0 0.533 1.0	54.1 12.7 -65.1 66.5 281	0.183 0.0	1.0 0.0	0.0 0.525 1.0	53.5 14.0 -66.0 67.5 282	0.183 0.0	1.0 0.0
292	282	283	0.0 0.412 1.0	46.2 31.5 -77.8 84.1 292	0.0 0.525 1.0	53.5 14.0 -66.0 67.5 282	0.2 0.0	1.0 0.0	0.0 0.517 1.0	52.9 15.4 -66.7 68.6 283	0.2 0.0	1.0 0.0
293	283	284	0.0 0.399 1.0	45.4 33.6 -79.0 86.0 293	0.0 0.517 1.0	52.9 15.4 -66.7 68.6 283	0.217 0.0	1.0 0.0	0.0 0.508 1.0	52.4 16.9 -67.5 69.7 284	0.217 0.0	1.0 0.0
294	284	285	0.0 0.386 1.0	44.6 35.7 -80.2 87.9 294	0.0 0.508 1.0	52.4 16.9 -67.5 69.7 284	0.233 0.0	1.0 0.0	0.0 0.5 1.0	51.8 18.3 -68.2 70.7 285	0.233 0.0	1.0 0.0
295	285	286	0.0 0.373 1.0	43.7 38.0 -81.4 89.9 295	0.0 0.5 1.0	51.8 18.3 -68.2 70.7 285	0.25 0.0	1.0 0.0	0.0 0.488 1.0	51.0 20.0 -69.7 72.6 286	0.25 0.0	1.0 0.0
296	286	287	0.0 0.353 1.0	42.7 40.7 -83.3 92.8 296	0.0 0.488 1.0	51.0 20.0 -69.7 72.6 286	0.267 0.0	1.0 0.0	0.0 0.475 1.0	50.2 21.8 -71.2 74.5 287	0.267 0.0	1.0 0.0
297	287	288	0.0 0.333 1.0	41.6 43.5 -85.2 95.7 297	0.0 0.475 1.0	50.2 21.8 -71.2 74.5 287	0.283 0.0	1.0 0.0	0.0 0.462 1.0	49.4 23.6 -72.6 76.4 288	0.283 0.0	1.0 0.0
298	288	289	0.0 0.313 1.0	40.5 46.3 -87.0 98.6 298	0.0 0.462 1.0	49.4 23.6 -72.6 76.4 288	0.3 0.0	1.0 0.0	0.0 0.45 1.0	48.6 25.5 -74.0 78.3 289	0.3 0.0	1.0 0.0
299	289	290	0.0 0.293 1.0	39.5 49.2 -88.7 101.5 299	0.0 0.45 1.0	48.6 25.5 -74.0 78.3 289	0.317 0.0	1.0 0.0	0.0 0.437 1.0	47.8 27.4 -75.3 80.2 290	0.317 0.0	1.0 0.0
300	290	291	0.0 0.274 1.0	38.4 52.2 -90.4 104.5 300	0.0 0.437 1.0	47.8 27.4 -75.3 80.2 290	0.333 0.0	1.0 0.0	0.0 0.424 1.0	47.0 29.4 -76.6 82.1 291	0.333 0.0	1.0 0.0
301	291	292	0.0 0.254 1.0	37.4 55.3 -91.9 107.4 301	0.0 0.424 1.0	47.0 29.4 -76.6 82.1 291	0.35 0.0	1.0 0.0	0.0 0.412 1.0	46.2 31.5 -77.8 84.1 292	0.35 0.0	1.0 0.0
302	292	293	0.0 0.222 1.0	36.1 58.8 -94.1 111.0 302	0.0 0.412 1.0	46.2 31.5 -77.8 84.1 292	0.367 0.0	1.0 0.0	0.0 0.399 1.0	45.4 33.6 -79.0 86.0 293	0.367 0.0	1.0 0.0
303	293	294	0.0 0.188 1.0	34.8 62.6 -96.3 114.9 303	0.0 0.399 1.0	45.4 33.6 -79.0 86.0 293	0.383 0.0	1.0 0.0	0.0 0.386 1.0	44.6 35.7 -80.2 87.9 294	0.383 0.0	1.0 0.0
304	294	294	0.0 0.153 1.0	33.5 66.4 -98.4 118.8 304	0.0 0.386 1.0	44.6 35.7 -80.2 87.9 294	0.4 0.0	1.0 0.0	0.0 0.386 1.0	44.6 35.7 -80.2 87.9 294	0.4 0.0	1.0 0.0
305	295	295	0.0 0.109 1.0	32.2 70.4 -100.4 122.7 305	0.0 0.373 1.0	43.7 38.0 -81.4 89.9 295	0.417 0.0	1.0 0.0	0.0 0.373 1.0	43.7 38.0 -81.4 89.9 295	0.417 0.0	1.0 0.0
306	296	296	0.0 0.024 1.0	30.8 74.8 -102.8 127.2 306 $B_d$	0.0 0.353 1.0	42.7 40.7 -83.3 92.8 296	0.433 0.0	1.0 0.0	0.0 0.353 1.0	42.7 40.7 -83.3 92.8 296	0.433 0.0	1.0 0.0
307	297	297	0.172 0.0 1.0	31.6 76.5 -101.4 127.1 307	0.0 0.333 1.0	41.6 43.5 -85.2 95.7 297	0.45 0.0	1.0 0.0	0.0 0.333 1.0	41.6 43.5 -85.2 95.7 297	0.45 0.0	1.0 0.0
308	298	298	0.282 0.0 1.0	33.2 77.2 -98.6 125.3 308	0.0 0.313 1.0	40.5 46.3 -87.0 98.6 298	0.467 0.0	1.0 0.0	0.0 0.313 1.0	40.5 46.3 -87.0 98.6 298	0.467 0.0	1.0 0.0
309	299	299	0.357 0.0 1.0	34.8 77.8 -96.0 123.7 309	0.0 0.293 1.0	39.5 49.2 -88.7 101.5 299	0.483 0.0	1.0 0.0	0.0 0.293 1.0	39.5 49.2 -88.7 101.5 299	0.483 0.0	1.0 0.0
310	300	300	0.414 0.0 1.0	36.2 78.6 -93.6 122.3 310	0.0 0.274 1.0	38.4 52.2 -90.4 104.5 300	0.5 0.0	1.0 0.0	0.0 0.274 1.0	38.4 52.2 -90.4 104.5 300	0.5 0.0	1.0 0.0

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

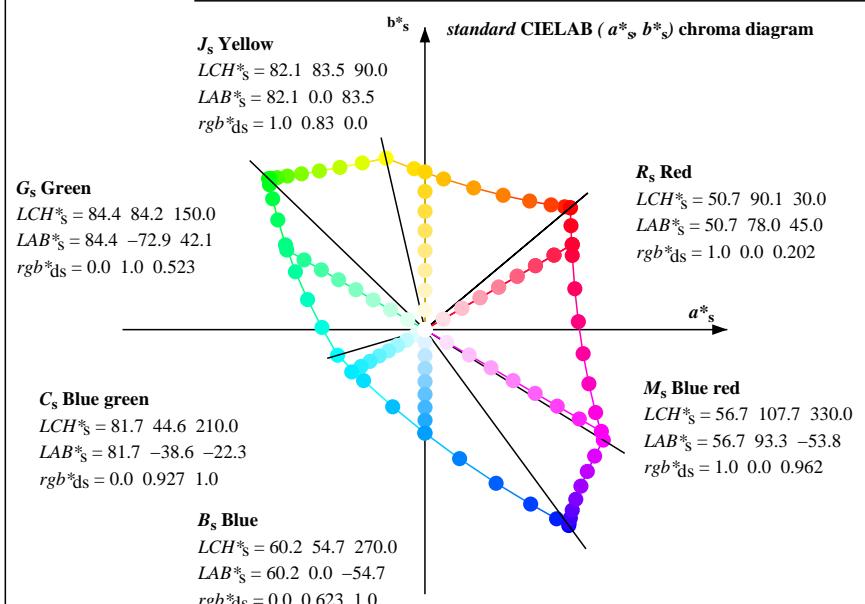
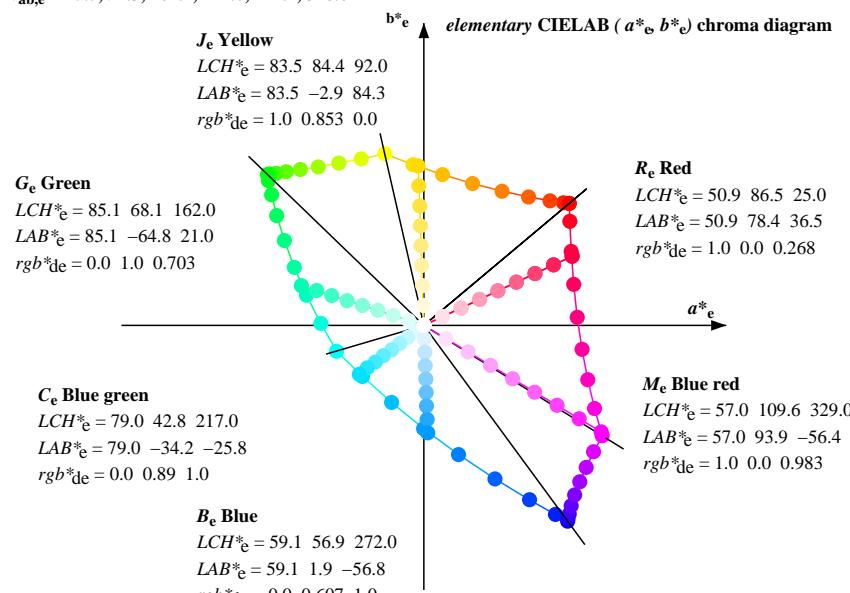
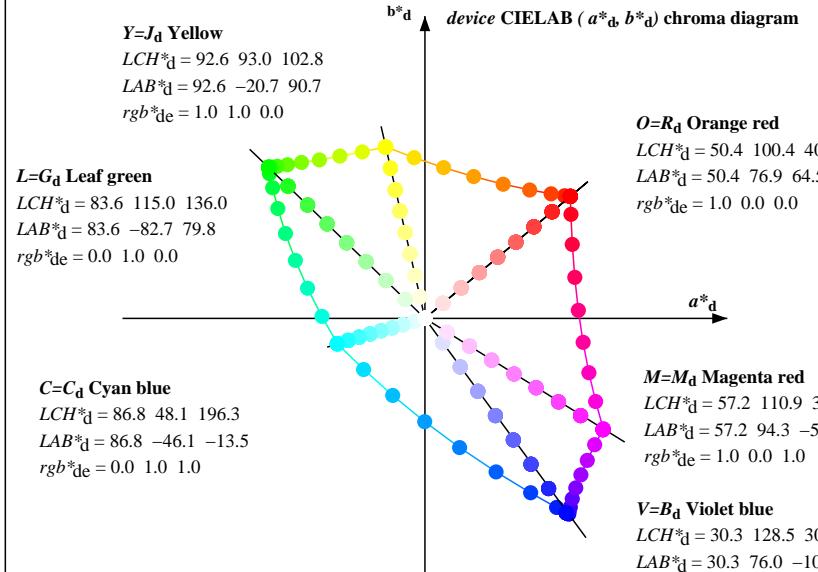
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$		
310	300	300	0.414 0.0 1.0	36.2 78.6 -93.6	122.3 310	0.0 0.274 1.0	38.4 52.2 -90.4	104.5 300	0.5 0.0 1.0	0.0 0.274 1.0	38.4 52.2 -90.4	104.5 300	0.5 0.0 1.0	
311	301	301	0.465 0.0 1.0	37.6 79.4 -91.2	121.0 311	0.0 0.254 1.0	37.4 55.3 -91.9	107.4 301	0.517 0.0 1.0	0.0 0.254 1.0	37.4 55.3 -91.9	107.4 301	0.517 0.0 1.0	
312	302	302	0.513 0.0 1.0	39.0 80.1 -88.9	119.8 312	0.0 0.222 1.0	36.1 58.8 -94.1	111.0 302	0.533 0.0 1.0	0.0 0.222 1.0	36.1 58.8 -94.1	111.0 302	0.533 0.0 1.0	
313	303	303	0.551 0.0 1.0	40.3 81.0 -86.8	118.8 313	0.0 0.188 1.0	34.8 62.6 -96.3	114.9 303	0.55 0.0 1.0	0.0 0.188 1.0	34.8 62.6 -96.3	114.9 303	0.55 0.0 1.0	
314	304	304	0.59 0.0 1.0	41.6 81.8 -84.6	117.8 314	0.0 0.153 1.0	33.5 66.4 -98.4	118.8 304	0.567 0.0 1.0	0.0 0.153 1.0	33.5 66.4 -98.4	118.8 304	0.567 0.0 1.0	
315	305	305	0.628 0.0 1.0	42.8 82.6 -82.5	116.8 315	0.0 0.109 1.0	32.2 70.4 -100.4	122.7 305	0.583 0.0 1.0	0.0 0.109 1.0	32.2 70.4 -100.4	122.7 305	0.583 0.0 1.0	
316	306	306	0.66 0.0 1.0	44.0 83.5 -80.6	116.1 316	0.0 0.024 1.0	30.8 74.8 -102.8	127.2 306	0.6 0.0 1.0	0.0 0.024 1.0	30.8 74.8 -102.8	127.2 306	0.6 0.0 1.0	
317	307	307	0.692 0.0 1.0	45.2 84.4 -78.6	115.4 317	0.172 0.0 1.0	31.6 76.5 -101.4	127.1 307	0.617 0.0 1.0	0.172 0.0 1.0	31.6 76.5 -101.4	127.1 307	0.617 0.0 1.0	
318	308	308	0.724 0.0 1.0	46.3 85.2 -76.6	114.7 318	0.282 0.0 1.0	33.2 77.2 -98.6	125.3 308	0.633 0.0 1.0	0.282 0.0 1.0	33.2 77.2 -98.6	125.3 308	0.633 0.0 1.0	
319	309	309	0.755 0.0 1.0	47.5 86.0 -74.7	114.0 319	0.357 0.0 1.0	34.8 77.8 -96.0	123.7 309	0.65 0.0 1.0	0.357 0.0 1.0	34.8 77.8 -96.0	123.7 309	0.65 0.0 1.0	
320	310	310	0.783 0.0 1.0	48.6 87.0 -72.9	113.6 320	0.414 0.0 1.0	36.2 78.6 -93.6	122.3 310	0.667 0.0 1.0	0.414 0.0 1.0	36.2 78.6 -93.6	122.3 310	0.667 0.0 1.0	
321	311	311	0.81 0.0 1.0	49.7 87.9 -71.1	113.1 321	0.465 0.0 1.0	37.6 79.4 -91.2	121.0 311	0.683 0.0 1.0	0.465 0.0 1.0	37.6 79.4 -91.2	121.0 311	0.683 0.0 1.0	
322	312	312	0.838 0.0 1.0	50.7 88.8 -69.3	112.7 322	0.513 0.0 1.0	39.0 80.1 -88.9	119.8 312	0.7 0.0 1.0	0.513 0.0 1.0	39.0 80.1 -88.9	119.8 312	0.7 0.0 1.0	
323	313	312	0.866 0.0 1.0	51.8 89.6 -67.4	112.2 323	0.551 0.0 1.0	40.3 81.0 -86.8	118.8 313	0.717 0.0 1.0	0.513 0.0 1.0	39.0 80.1 -88.9	119.8 312	0.717 0.0 1.0	
324	314	313	0.892 0.0 1.0	52.9 90.5 -65.7	111.9 324	0.59 0.0 1.0	41.6 81.8 -84.6	117.8 314	0.733 0.0 1.0	0.551 0.0 1.0	40.3 81.0 -84.6	118.8 313	0.733 0.0 1.0	
325	315	314	0.918 0.0 1.0	53.9 91.5 -64.0	111.7 325	0.628 0.0 1.0	42.8 82.6 -82.5	116.8 315	0.75 0.0 1.0	0.59 0.0 1.0	41.6 81.8 -84.6	117.8 314	0.75 0.0 1.0	
326	316	315	0.943 0.0 1.0	55.0 92.4 -62.2	111.5 326	0.66 0.0 1.0	44.0 83.5 -80.6	116.1 316	0.767 0.0 1.0	0.628 0.0 1.0	42.8 82.6 -82.5	116.8 315	0.767 0.0 1.0	
327	317	316	0.969 0.0 1.0	56.0 93.3 -60.5	111.3 327	0.692 0.0 1.0	45.2 84.4 -78.6	115.4 317	0.783 0.0 1.0	0.66 0.0 1.0	44.0 83.5 -80.6	116.1 316	0.783 0.0 1.0	
328	318	317	0.994 0.0 1.0	57.1 94.2 -58.7	111.0 328	$M_d$	0.724 0.0 1.0	46.3 85.2 -76.6	114.7 318	0.8 0.0 1.0	0.692 0.0 1.0	45.2 84.4 -78.6	115.4 317	0.8 0.0 1.0
329	319	318	1.0 0.0	0.984 57.1 93.9	-56.4 109.6 329	0.755 0.0 1.0	47.5 86.0 -74.7	114.0 319	0.817 0.0 1.0	0.724 0.0 1.0	46.3 85.2 -76.6	114.7 318	0.817 0.0 1.0	
330	320	319	1.0 0.0	0.962 56.8 93.4	-53.8 107.8 330	0.783 0.0 1.0	48.6 87.0 -72.9	113.6 320	0.833 0.0 1.0	0.755 0.0 1.0	47.5 86.0 -74.7	114.0 319	0.833 0.0 1.0	
331	321	320	1.0 0.0	0.941 56.5 92.7	-51.3 106.0 331	0.81 0.0 1.0	49.7 87.9 -71.1	113.1 321	0.85 0.0 1.0	0.783 0.0 1.0	48.6 87.0 -72.9	113.6 320	0.85 0.0 1.0	
332	322	321	1.0 0.0	0.919 56.2 92.0	-48.8 104.2 332	0.838 0.0 1.0	50.7 88.8 -69.3	112.7 322	0.867 0.0 1.0	0.81 0.0 1.0	49.7 87.9 -71.1	113.1 321	0.867 0.0 1.0	
333	323	322	1.0 0.0	0.898 55.9 91.2	-46.4 102.4 333	0.866 0.0 1.0	51.8 89.6 -67.4	112.2 323	0.883 0.0 1.0	0.838 0.0 1.0	50.7 88.8 -69.3	112.7 322	0.883 0.0 1.0	
334	324	323	1.0 0.0	0.876 55.7 90.4	-44.0 100.5 334	0.892 0.0 1.0	52.9 90.5 -65.7	111.9 324	0.9 0.0 1.0	0.866 0.0 1.0	51.8 89.6 -67.4	112.2 323	0.9 0.0 1.0	
335	325	324	1.0 0.0	0.86 55.5 90.0	-41.9 99.3 335	0.918 0.0 1.0	53.9 91.5 -64.0	111.7 325	0.917 0.0 1.0	0.892 0.0 1.0	52.9 90.5 -65.7	111.9 324	0.917 0.0 1.0	
336	326	325	1.0 0.0	0.843 55.3 89.6	-39.8 98.1 336	0.943 0.0 1.0	55.0 92.4 -62.2	111.5 326	0.933 0.0 1.0	0.918 0.0 1.0	53.9 91.5 -64.0	111.7 325	0.933 0.0 1.0	
337	327	326	1.0 0.0	0.827 55.1 89.2	-37.8 96.9 337	0.969 0.0 1.0	56.0 93.3 -60.5	111.3 327	0.95 0.0 1.0	0.943 0.0 1.0	55.0 92.4 -62.2	111.5 326	0.95 0.0 1.0	
338	328	327	1.0 0.0	0.811 54.9 88.8	-35.8 95.8 338	0.994 0.0 1.0	57.1 94.2 -58.7	111.0 328	0.967 0.0 1.0	0.969 0.0 1.0	56.0 93.3 -60.5	111.3 327	0.967 0.0 1.0	
339	329	328	1.0 0.0	0.794 54.7 88.3	-33.8 94.6 339	1.0 0.0	0.984 57.1 93.9	-56.4 109.6 329	0.983 0.0 1.0	0.994 0.0 1.0	57.1 94.2 -58.7	111.0 328	0.983 0.0 1.0	
340	330	329	1.0 0.0	0.778 54.5 87.7	-31.8 93.4 340	1.0 0.0	0.962 56.8 93.4	-53.8 107.8 330	1.0 0.0	0.984 57.1 93.9	-56.4 109.6 329	1.0 0.0	1.0 $M_e$	
341	331	330	1.0 0.0	0.761 54.3 87.2	-29.9 92.2 341	1.0 0.0	0.941 56.5 92.7	-51.3 106.0 331	1.0 0.0	0.983 1.0 0.0	0.962 56.8 93.4	-53.8 107.8 330	1.0 0.0	0.983
342	332	331	1.0 0.0	0.746 54.2 86.7	-28.1 91.1 342	1.0 0.0	0.919 56.2 92.0	-48.8 104.2 332	1.0 0.0	0.967 1.0 0.0	0.941 56.5 92.7	-51.3 106.0 331	1.0 0.0	0.967
343	333	331	1.0 0.0	0.733 54.1 86.5	-26.3 90.5 343	1.0 0.0	0.898 55.9 91.2	-46.4 102.4 333	1.0 0.0	0.95 1.0 0.0	0.941 56.5 92.7	-51.3 106.0 331	1.0 0.0	0.95
344	334	332	1.0 0.0	0.72 53.9 86.3	-24.6 89.8 344	1.0 0.0	0.876 55.7 90.4	-44.0 100.5 334	1.0 0.0	0.933 1.0 0.0	0.919 56.2 92.0	-48.8 104.2 332	1.0 0.0	0.933
345	335	333	1.0 0.0	0.707 53.8 86.0	-23.0 89.1 345	1.0 0.0	0.86 55.5 90.0	-41.9 99.3 335	1.0 0.0	0.917 1.0 0.0	0.898 55.9 91.2	-46.4 102.4 333	1.0 0.0	0.917
346	336	334	1.0 0.0	0.695 53.7 85.7	-21.3 88.4 346	1.0 0.0	0.843 55.3 89.6	-39.8 98.1 336	1.0 0.0	0.9 1.0 0.0	0.876 55.7 90.4	-44.0 100.5 334	1.0 0.0	0.9
347	337	335	1.0 0.0	0.682 53.6 85.4	-19.6 87.7 347	1.0 0.0	0.827 55.1 89.2	-37.8 96.9 337	1.0 0.0	0.883 1.0 0.0	0.86 55.5 90.0	-41.9 99.3 335	1.0 0.0	0.883
348	338	336	1.0 0.0	0.669 53.4 85.1	-18.0 87.0 348	1.0 0.0	0.811 54.9 88.8	-35.8 95.8 338	1.0 0.0	0.867 1.0 0.0	0.843 55.3 89.6	-39.8 98.1 336	1.0 0.0	0.867
349	339	337	1.0 0.0	0.656 53.3 84.7	-16.4 86.3 349	1.0 0.0	0.794 54.7 88.3	-33.8 94.6 339	1.0 0.0	0.85 1.0 0.0	0.827 55.1 89.2	-37.8 96.9 337	1.0 0.0	0.85
350	340	338	1.0 0.0	0.643 53.2 84.3	-14.8 85.6 350	1.0 0.0	0.778 54.5 87.7	-31.8 93.4 340	1.0 0.0	0.833 1.0 0.0	0.811 54.9 88.8	-35.8 95.8 338	1.0 0.0	0.833
351	341	339	1.0 0.0	0.63 53.1 83.9	-13.2 84.9 351	1.0 0.0	0.761 54.3 87.2	-29.9 92.2 341	1.0 0.0	0.817 1.0 0.0	0.794 54.7 88.3	-33.8 94.6 339	1.0 0.0	0.817
352	342	340	1.0 0.0	0.619 53.0 83.6	-11.7 84.4 352	1.0 0.0	0.746 54.2 86.7	-28.1 91.1 342	1.0 0.0	0.8 1.0 0.0	0.778 54.5 87.7	-31.8 93.4 340	1.0 0.0	0.8
353	343	341	1.0 0.0	0.608 52.9 83.5	-10.2 84.2 353	1.0 0.0	0.733 54.1 86.5	-26.3 90.5 343	1.0 0.0	0.783 1.0 0.0	0.761 54.3 87.2	-29.9 92.2 341	1.0 0.0	0.783
354	344	342	1.0 0.0	0.597 52.8 83.4	-8.7 83.9 354	1.0 0.0	0.72 53.9 86.3	-24.6 89.8 344	1.0 0.0	0.767 1.0 0.0	0.746 54.2 86.7	-28.1 91.1 342	1.0 0.0	0.767
355	345	343	1.0 0.0	0.586 52.7 83.3	-7.2 83.6 355	1.0 0.0	0.707 53.8 86.0	-23.0 89.1 345	1.0 0.0	0.75 1.0 0.0	0.733 54.1 86.5	-26.3 90.5 343	1.0 0.0	0.75

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
355	345	343	1.0 0.0 0.586	52.7 83.3 -7.2	83.6 355	1.0 0.0 0.707	53.8 86.0 -23.0	89.1 345	1.0 0.0 0.75	1.0 0.0 0.733	54.1 86.5 -26.3	90.5 343	1.0 0.0 0.75
356	346	344	1.0 0.0 0.575	52.6 83.1 -5.7	83.3 356	1.0 0.0 0.695	53.7 85.7 -21.3	88.4 346	1.0 0.0 0.733	1.0 0.0 0.72	53.9 86.3 -24.6	89.8 344	1.0 0.0 0.733
357	347	345	1.0 0.0 0.564	52.6 82.9 -4.2	83.0 357	1.0 0.0 0.682	53.6 85.4 -19.6	87.7 347	1.0 0.0 0.717	1.0 0.0 0.707	53.8 86.0 -23.0	89.1 345	1.0 0.0 0.717
358	348	346	1.0 0.0 0.554	52.5 82.7 -2.8	82.7 358	1.0 0.0 0.669	53.4 85.1 -18.0	87.0 348	1.0 0.0 0.7	1.0 0.0 0.695	53.7 85.7 -21.3	88.4 346	1.0 0.0 0.7
359	349	347	1.0 0.0 0.543	52.4 82.4 -1.3	82.4 359	1.0 0.0 0.656	53.3 84.7 -16.4	86.3 349	1.0 0.0 0.683	1.0 0.0 0.682	53.6 85.4 -19.6	87.7 347	1.0 0.0 0.683
0	350	348	1.0 0.0 0.532	52.3 82.1 0.0	82.1 0	1.0 0.0 0.643	53.2 84.3 -14.8	85.6 350	1.0 0.0 0.667	1.0 0.0 0.669	53.4 85.1 -18.0	87.0 348	1.0 0.0 0.667
1	351	349	1.0 0.0 0.521	52.2 81.8 1.4	81.8 1	1.0 0.0 0.63	53.1 83.9 -13.2	84.9 351	1.0 0.0 0.65	1.0 0.0 0.656	53.3 84.7 -16.4	86.3 349	1.0 0.0 0.65
2	352	349	1.0 0.0 0.51	52.1 81.5 2.8	81.6 2	1.0 0.0 0.619	53.0 83.6 -11.7	84.4 352	1.0 0.0 0.633	1.0 0.0 0.656	53.3 84.7 -16.4	86.3 349	1.0 0.0 0.633
3	353	350	1.0 0.0 0.499	52.1 81.2 4.3	81.3 3	1.0 0.0 0.608	52.9 83.5 -10.2	84.2 353	1.0 0.0 0.617	1.0 0.0 0.643	53.2 84.3 -14.8	85.6 350	1.0 0.0 0.617
4	354	351	1.0 0.0 0.489	52.0 81.2 5.7	81.4 4	1.0 0.0 0.597	52.8 83.4 -8.7	83.9 354	1.0 0.0 0.6	1.0 0.0 0.63	53.1 83.9 -13.2	84.9 351	1.0 0.0 0.6
5	355	352	1.0 0.0 0.479	51.9 81.1 7.1	81.4 5	1.0 0.0 0.586	52.7 83.3 -7.2	83.6 355	1.0 0.0 0.583	1.0 0.0 0.619	53.0 83.6 -11.7	84.4 352	1.0 0.0 0.583
6	356	353	1.0 0.0 0.469	51.9 81.1 8.5	81.5 6	1.0 0.0 0.575	52.6 83.1 -5.7	83.3 356	1.0 0.0 0.567	1.0 0.0 0.608	52.9 83.5 -10.2	84.2 353	1.0 0.0 0.567
7	357	354	1.0 0.0 0.459	51.8 81.0 9.9	81.6 7	1.0 0.0 0.564	52.6 82.9 -4.2	83.0 357	1.0 0.0 0.55	1.0 0.0 0.597	52.8 83.4 -8.7	83.9 354	1.0 0.0 0.55
8	358	355	1.0 0.0 0.449	51.8 80.9 11.4	81.6 8	1.0 0.0 0.554	52.5 82.7 -2.8	82.7 358	1.0 0.0 0.533	1.0 0.0 0.586	52.7 83.3 -7.2	83.6 355	1.0 0.0 0.533
9	359	356	1.0 0.0 0.439	51.7 80.7 12.8	81.7 9	1.0 0.0 0.543	52.4 82.4 -1.3	82.4 359	1.0 0.0 0.517	1.0 0.0 0.575	52.6 83.1 -5.7	83.3 356	1.0 0.0 0.517
10	360	357	1.0 0.0 0.429	51.7 80.6 14.2	81.8 10	1.0 0.0 0.532	52.3 82.1 0.0	82.1 0	1.0 0.0 0.5	1.0 0.0 0.564	52.6 82.9 -4.2	83.0 357	1.0 0.0 0.5
11	361	358	1.0 0.0 0.418	51.6 80.4 15.6	81.9 11	1.0 0.0 0.521	52.2 81.8 1.4	81.8 1	1.0 0.0 0.483	1.0 0.0 0.554	52.5 82.7 -2.8	82.7 358	1.0 0.0 0.483
12	362	359	1.0 0.0 0.408	51.5 80.1 17.0	81.9 12	1.0 0.0 0.51	52.1 81.5 2.8	81.6 2	1.0 0.0 0.467	1.0 0.0 0.543	52.4 82.4 -1.3	82.4 359	1.0 0.0 0.467
13	363	360	1.0 0.0 0.398	51.5 79.9 18.4	82.0 13	1.0 0.0 0.499	52.1 81.2 4.3	81.3 3	1.0 0.0 0.45	1.0 0.0 0.532	52.3 82.1 0.0	82.1 0	1.0 0.0 0.45
14	364	361	1.0 0.0 0.388	51.4 79.6 19.9	82.1 14	1.0 0.0 0.489	52.0 81.2 5.7	81.4 4	1.0 0.0 0.433	1.0 0.0 0.521	52.2 81.8 1.4	81.8 1	1.0 0.0 0.433
15	365	362	1.0 0.0 0.378	51.4 79.4 21.3	82.2 15	1.0 0.0 0.479	51.9 81.1 7.1	81.4 5	1.0 0.0 0.417	1.0 0.0 0.51	52.1 81.5 2.8	81.6 2	1.0 0.0 0.417
16	366	363	1.0 0.0 0.367	51.3 79.3 22.7	82.5 16	1.0 0.0 0.469	51.9 81.1 8.5	81.5 6	1.0 0.0 0.4	1.0 0.0 0.499	52.1 81.2 4.3	81.3 3	1.0 0.0 0.4
17	367	364	1.0 0.0 0.356	51.3 79.3 24.3	82.9 17	1.0 0.0 0.459	51.8 81.0 9.9	81.6 7	1.0 0.0 0.383	1.0 0.0 0.489	52.0 81.2 5.7	81.4 4	1.0 0.0 0.383
18	368	365	1.0 0.0 0.345	51.2 79.3 25.8	83.4 18	1.0 0.0 0.449	51.8 80.9 11.4	81.6 8	1.0 0.0 0.367	1.0 0.0 0.479	51.9 81.1 7.1	81.4 5	1.0 0.0 0.367
19	369	366	1.0 0.0 0.334	51.2 79.3 27.3	83.8 19	1.0 0.0 0.439	51.7 80.7 12.8	81.7 9	1.0 0.0 0.35	1.0 0.0 0.469	51.9 81.1 8.5	81.5 6	1.0 0.0 0.35
20	370	367	1.0 0.0 0.323	51.2 79.2 28.8	84.3 20	1.0 0.0 0.429	51.7 80.6 14.2	81.8 10	1.0 0.0 0.333	1.0 0.0 0.459	51.8 81.0 9.9	81.6 7	1.0 0.0 0.333
21	371	367	1.0 0.0 0.312	51.1 79.1 30.4	84.7 21	1.0 0.0 0.418	51.6 80.4 15.6	81.9 11	1.0 0.0 0.317	1.0 0.0 0.459	51.8 81.0 9.9	81.6 7	1.0 0.0 0.317
22	372	368	1.0 0.0 0.301	51.1 79.0 31.9	85.2 22	1.0 0.0 0.408	51.5 80.1 17.0	81.9 12	1.0 0.0 0.3	1.0 0.0 0.449	51.8 80.9 11.4	81.6 8	1.0 0.0 0.3
23	373	369	1.0 0.0 0.291	51.0 78.8 33.5	85.6 23	1.0 0.0 0.398	51.5 79.9 18.4	82.0 13	1.0 0.0 0.283	1.0 0.0 0.439	51.7 80.7 12.8	81.7 9	1.0 0.0 0.283
24	374	370	1.0 0.0 0.28	51.0 78.6 35.0	86.1 24	1.0 0.0 0.388	51.4 79.6 19.9	82.1 14	1.0 0.0 0.267	1.0 0.0 0.429	51.7 80.6 14.2	81.8 10	1.0 0.0 0.267
25	375	371	1.0 0.0 0.269	50.9 78.4 36.6	86.5 25	1.0 0.0 0.378	51.4 79.4 21.3	82.2 15	1.0 0.0 0.25	1.0 0.0 0.418	51.6 80.4 15.6	81.9 11	1.0 0.0 0.25
26	376	372	1.0 0.0 0.258	50.9 78.2 38.1	87.0 26	1.0 0.0 0.367	51.3 79.3 22.7	82.5 16	1.0 0.0 0.233	1.0 0.0 0.408	51.5 80.1 17.0	81.9 12	1.0 0.0 0.233
27	377	373	1.0 0.0 0.246	50.9 78.0 39.7	87.5 27	1.0 0.0 0.356	51.3 79.3 24.3	82.9 17	1.0 0.0 0.217	1.0 0.0 0.398	51.5 79.9 18.4	82.0 13	1.0 0.0 0.217
28	378	374	1.0 0.0 0.231	50.8 78.1 41.5	88.4 28	1.0 0.0 0.345	51.2 79.3 25.8	83.4 18	1.0 0.0 0.2	1.0 0.0 0.388	51.4 79.6 19.9	82.1 14	1.0 0.0 0.2
29	379	375	1.0 0.0 0.217	50.8 78.1 43.3	89.3 29	1.0 0.0 0.334	51.2 79.3 27.3	83.8 19	1.0 0.0 0.183	1.0 0.0 0.378	51.4 79.4 21.3	82.2 15	1.0 0.0 0.183
30	380	376	1.0 0.0 0.203	50.8 78.0 45.1	90.1 30	1.0 0.0 0.323	51.2 79.2 28.8	84.3 20	1.0 0.0 0.167	1.0 0.0 0.367	51.3 79.3 22.7	82.5 16	1.0 0.0 0.167
31	381	377	1.0 0.0 0.189	50.7 78.0 46.9	91.0 31	1.0 0.0 0.312	51.1 79.1 30.4	84.7 21	1.0 0.0 0.15	1.0 0.0 0.356	51.3 79.3 24.3	82.9 17	1.0 0.0 0.15
32	382	378	1.0 0.0 0.174	50.7 77.9 48.7	91.8 32	1.0 0.0 0.301	51.1 79.0 31.9	85.2 22	1.0 0.0 0.133	1.0 0.0 0.345	51.2 79.3 25.8	83.4 18	1.0 0.0 0.133
33	383	379	1.0 0.0 0.16	50.7 77.7 50.5	92.7 33	1.0 0.0 0.291	51.0 78.8 33.5	85.6 23	1.0 0.0 0.117	1.0 0.0 0.334	51.2 79.3 27.3	83.8 19	1.0 0.0 0.117
34	384	380	1.0 0.0 0.146	50.6 77.6 52.3	93.6 34	1.0 0.0 0.28	51.0 78.6 35.0	86.1 24	1.0 0.0 0.1	1.0 0.0 0.323	51.2 79.2 28.8	84.3 20	1.0 0.0 0.1
35	385	381	1.0 0.0 0.131	50.6 77.3 54.2	94.4 35	1.0 0.0 0.269	50.9 78.4 36.6	86.5 25	1.0 0.0 0.083	1.0 0.0 0.312	51.1 79.1 30.4	84.7 21	1.0 0.0 0.083
36	386	382	1.0 0.0 0.11	50.6 77.3 56.1	95.5 36	1.0 0.0 0.258	50.9 78.2 38.1	87.0 26	1.0 0.0 0.067	1.0 0.0 0.301	51.1 79.0 31.9	85.2 22	1.0 0.0 0.067
37	387	383	1.0 0.0 0.082	50.6 77.2 58.2	96.7 37	1.0 0.0 0.246	50.9 78.0 39.7	87.5 27	1.0 0.0 0.05	1.0 0.0 0.291	51.0 78.8 33.5	85.6 23	1.0 0.0 0.05
38	388	384	1.0 0.0 0.055	50.5 77.2 60.3	98.0 38	1.0 0.0 0.231	50.8 78.1 41.5	88.4 28	1.0 0.0 0.033	1.0 0.0 0.28	51.0 78.6 35.0	86.1 24	1.0 0.0 0.033
39	389	385	1.0 0.0 0.028	50.5 77.1 62.4	99.2 39	1.0 0.0 0.217	50.8 78.1 43.3	89.3 29	1.0 0.0 0.017	1.0 0.0 0.269	50.9 78.4 36.6	86.5 25	1.0 0.0 0.017
40	390	385	1.0 0.0 0.0	50.5 76.9 64.6	100.4 40	1.0 0.0 0.203	50.8 78.0 45.1	90.1 30	1.0 0.0 0.0R <sub>s</sub>	1.0 0.0 0.269	50.9 78.4 36.6	86.5 25	1.0 0.0 0.0R <sub>e</sub>

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$



#### Notes to the CIELAB chroma diagrams ( $a^*_{\text{d}}, b^*_{\text{d}}$ , $a^*_{\text{s}}, b^*_{\text{s}}$ , $a^*_{\text{e}}, b^*_{\text{e}}$ )

- For the  $rgb^*_{\text{d}}$ -input values the CIELAB data  $LCH^*_{\text{d}}$  and  $LAB^*_{\text{d}}$  have been calculated.
- For the calculation of the standard hue angle  $h_{ab,s}$  use for any device values  $rgb^*_{\text{d}}$  the equation:  

$$h_{ab,s} = atan [ r^*_{\text{d}} \cos(30) + g^*_{\text{d}} \cos(150) ] / [ r^*_{\text{d}} \sin(30) + g^*_{\text{d}} \sin(150) + b^*_{\text{d}} \sin(270) ] \quad (1)$$
- For the 48 or 360 equally spaced standard hue angles  $h_{ab,s}$  of the colours of maximum chroma use the seven hue angles of the 60 degree colours s:  $h_{ab,si} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$  (i=0,6) and the equations for a 48 and 360 step hue circle:  

$$h_{48ab,ij} = h_{ab,si} + j [ h_{ab,si+1} - h_{ab,si} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$
  

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

$$h_{48ab,ij} = h_{ab,ei} + j [ h_{ab,ei+1} - h_{ab,ei} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$
  

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

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd50M$	$LAB^*dd50Mx$ (x=LabCh)	$rgb^*ds50M$	$LAB^*ds50Mx$ (x=LabCh)	$rgb^*s50M$	$rgb^*de50M$	$LAB^*de50Mx$ (x=LabCh)	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
40.0	30.0	25.5	1.0 0.0 0.0	50.5 76.9 64.6	100.4 40.0	1.0 0.0 0.203	50.8 78.0 45.1	90.1 30	1.0 0.0 0.0	1.0 0.0 0.269	50.9 78.4 36.6	86.5 25	1.0 0.0 0.0
41.3	37.5	33.8	1.0 0.125 0.0	51.5 73.9 64.9	98.4 41.3	1.0 0.0 0.055	50.5 77.2 60.3	98.0 38	1.0 0.125 0.0	1.0 0.0 0.146	50.6 77.6 52.3	93.6 34	1.0 0.125 0.0
44.7	45.0	42.2	1.0 0.25 0.0	54.1 66.7 66.0	93.8 44.7	1.0 0.256 0.0	54.3 66.1 66.1	93.5 45	1.0 0.25 0.0	1.0 0.151 0.0	52.1 72.4 65.2	97.5 42	1.0 0.25 0.0
50.8	52.5	50.5	1.0 0.375 0.0	58.2 55.5 68.0	87.7 50.8	1.0 0.406 0.0	59.6 52.0 69.0	86.4 53	1.0 0.375 0.0	1.0 0.378 0.0	58.3 55.1 68.1	87.6 51	1.0 0.375 0.0
59.8	60.0	58.9	1.0 0.5 0.0	63.7 41.4 71.0	82.2 59.8	1.0 0.502 0.0	63.8 41.1 71.2	82.2 60	1.0 0.5 0.0	1.0 0.489 0.0	63.2 42.6 70.9	82.7 59	1.0 0.5 0.0
71.0	67.5	67.2	1.0 0.625 0.0	70.1 25.8 75.0	79.4 71.0	1.0 0.591 0.0	68.4 30.0 74.3	80.1 68	1.0 0.625 0.0	1.0 0.58 0.0	67.8 31.4 74.0	80.4 67	1.0 0.625 0.0
83.0	75.0	75.6	1.0 0.75 0.0	77.2 9.8 79.8	80.4 83.0	1.0 0.667 0.0	72.5 20.6 77.0	79.7 75	1.0 0.75 0.0	1.0 0.677 0.0	73.1 19.3 77.4	79.8 76	1.0 0.75 0.0
93.9	82.5	84.0	1.0 0.875 0.0	84.8 -5.7 85.3	93.9	1.0 0.75 0.0	77.3 9.8 79.8	80.4 83	1.0 0.875 0.0	1.0 0.762 0.0	78.0 8.5 80.4	80.9 84	1.0 0.875 0.0
102.9	90.0	92.3	1.0 1.0 0.0	92.7 -20.6 90.8	93.1 102.9	1.0 0.831 0.0	82.1 0.0 83.5	83.5 90	1.0 1.0 0.0	1.0 0.853 0.0	83.5 -2.8 84.4	84.4 92	1.0 1.0 0.0
110.6	97.5	101.1	0.875 1.0 0.0	90.4 -33.0 88.1	94.1 110.6	1.0 0.932 0.0	88.4 -12.3 88.0	88.9 98	0.875 1.0 0.0	1.0 0.974 0.0	91.0 -17.4 89.8	91.5 101	0.875 1.0 0.0
117.6	105.0	109.8	0.75 1.0 0.0	88.5 -44.8 85.8	96.9 117.6	0.965 1.0 0.0	92.0 -24.1 90.2	93.4 105	0.75 1.0 0.0	0.884 1.0 0.0	90.6 -32.1 88.4	94.1 110	0.75 1.0 0.0
123.6	112.5	118.5	0.625 1.0 0.0	87.0 -55.7 83.9	100.8 123.6	0.832 1.0 0.0	89.8 -37.1 87.5	95.1 113	0.625 1.0 0.0	0.721 1.0 0.0	88.2 -47.3 85.5	97.8 119	0.625 1.0 0.0
128.4	120.0	127.3	0.5 1.0 0.0	85.7 -65.1 82.4	105.1 128.4	0.7 1.0 0.0	87.9 -49.1 85.3	98.4 120	0.5 1.0 0.0	0.536 1.0 0.0	86.1 -62.4 83.0	103.9 127	0.5 1.0 0.0
131.9	127.5	136.0	0.375 1.0 0.0	84.8 -72.7 81.3	109.1 131.9	0.51 1.0 0.0	85.8 -64.4 82.6	104.8 128	0.375 1.0 0.0	0.004 1.0 0.0	83.6 -82.6 79.9	115.0 136	0.375 1.0 0.0
134.2	135.0	144.7	0.25 1.0 0.0	84.1 -78.2 80.5	112.3 134.2	0.173 1.0 0.0	83.9 -80.2 80.3	113.5 135	0.25 1.0 0.0	0.0 1.0 0.416 84.1	-76.6 53.7 93.6	145 0.25 1.0 0.0	
135.5	142.5	153.5	0.125 1.0 0.0	83.8 -81.4 80.1	114.2 135.5	0.0 1.0 0.368 84.0	-77.9 58.8	97.7 143	0.125 1.0 0.0	0.0 1.0 0.575 84.6	-70.8 36.1 79.6	153 0.125 1.0 0.0	
136.0	150.0	162.2	0.0 1.0 0.0	83.6 -82.7 79.9	115.0 136.0	0.0 1.0 0.523 84.4	-72.9 42.1	84.3 150	0.0 1.0 0.0	1.0 0.703 85.1	-64.7 21.1 68.2	162 0.0 1.0 0.0	
137.0	157.5	169.1	0.0 1.0 0.125	83.7 -82.1 76.6	112.3 137.0	0.0 1.0 0.652 84.9	-67.3 27.2	72.7 158	0.0 1.0 0.125	1.0 0.782 85.5	-60.4 11.8 61.7	169 0.0 1.0 0.125	
139.4	165.0	175.9	0.0 1.0 0.25	83.8 -80.5 69.1	106.2 139.4	0.0 1.0 0.742 85.3	-62.5 16.8	64.8 165	0.0 1.0 0.25	1.0 0.848 85.9	-56.4 4.0 56.6	176 0.0 1.0 0.25	
143.2	172.5	182.8	0.0 1.0 0.375	84.0 -77.7 58.1	97.1 143.2	0.0 1.0 0.82 85.7	-58.2 7.2	58.8 173	0.0 1.0 0.375	1.0 0.905 86.2	-52.9 -2.7 53.1	183 0.0 1.0 0.375	
148.6	180.0	189.6	0.0 1.0 0.5	84.3 -73.7 45.0	86.4 148.6	0.0 1.0 0.883 86.1	-54.1 0.0	54.2 180	0.0 1.0 0.5	1.0 0.955 86.6	-49.6 -8.7 50.5	190 0.0 1.0 0.5	
155.9	187.5	196.4	0.0 1.0 0.625	84.8 -68.4 30.7	75.1 155.9	0.0 1.0 0.94 86.5	-50.6 -7.0	51.2 188	0.0 1.0 0.625	1.0 0.997 86.9	-46.3 -13.2 48.3	196 0.0 1.0 0.625	
165.6	195.0	203.3	0.0 1.0 0.75	85.4 -62.0 15.9	64.1 165.6	0.0 1.0 0.99 86.8	-46.9 -12.5	48.6 195	0.0 1.0 0.75	0.965 1.0 0.0	84.4 -42.7 -18.0 46.4	203 0.0 1.0 0.75	
178.9	202.5	210.1	0.0 1.0 0.875	86.0 -54.5 1.1	54.6 178.9	0.0 0.965 1.0	84.4 -42.7 -18.0	46.4 203	0.0 1.0 0.875	0.927 1.0 0.0	81.7 -38.6 -22.2 44.7	210 0.0 1.0 0.875	
196.4	210.0	217.0	0.0 1.0 1.0	86.9 -46.1 -13.5	48.1 196.4	0.0 0.927 1.0	81.7 -38.6 -22.2	44.7 210	0.0 1.0 1.0	0.89 1.0 0.0	79.1 -34.1 -25.7	42.9 217 0.0 1.0 1.0	
219.8	217.5	223.8	0.0 0.875 1.0	78.0 -32.3 -26.9	42.2 219.8	0.0 0.885 1.0	78.7 -33.5 -26.1	42.6 218	0.0 0.875 1.0	0.856 1.0 0.0	76.7 -30.4 -29.4	42.5 224 0.0 0.875 1.0	
247.3	225.0	230.7	0.0 0.75 1.0	69.1 -17.0 -40.6	44.2 247.3	0.0 0.851 1.0	76.3 -30.0 -30.0	42.5 225	0.0 0.75 1.0	0.824 1.0 0.0	74.4 -26.9 -33.3	43.0 231 0.0 0.75 1.0	
269.8	232.5	237.5	0.0 0.625 1.0	60.3 0.0 -54.5	54.6 269.8	0.0 0.815 1.0	73.7 -25.9 -34.3	43.1 233	0.0 0.625 1.0	0.792 1.0 0.0	72.1 -23.0 -36.8	43.5 238 0.0 0.625 1.0	
285.0	240.0	244.4	0.0 0.5 1.0	51.8 18.3 -68.2	70.7 285.0	0.0 0.783 1.0	71.5 -21.7 -37.7	43.6 240	0.0 0.5 1.0	0.765 1.0 0.0	70.2 -19.2 -39.4	43.9 244 0.0 0.5 1.0	
294.9	247.5	251.2	0.0 0.375 1.0	43.9 37.7 -81.1	89.6 294.9	0.0 0.746 1.0	68.8 -16.6 -41.2	44.5 248	0.0 0.375 1.0	0.729 1.0 0.0	67.7 -14.8 -43.3	45.9 251 0.0 0.375 1.0	
301.2	255.0	258.0	0.0 0.25 1.0	37.2 55.9 -92.2	107.9 301.2	0.0 0.707 1.0	66.1 -12.3 -46.0	47.8 255	0.0 0.25 1.0	0.691 1.0 0.0	64.9 -10.1 -48.0	49.1 258 0.0 0.25 1.0	
304.8	262.5	264.9	0.0 0.125 1.0	32.5 69.6 -100.0	121.9 304.8	0.0 0.663 1.0	63.0 -6.2 -51.0	51.5 263	0.0 0.125 1.0	0.652 1.0 0.0	62.2 -4.5 -52.1	52.4 265 0.0 0.125 1.0	
306.3	270.0	271.7	0.0 0.0 1.0	30.4 76.1 -103.5	128.5 306.3	0.0 0.624 1.0	60.2 0.0 -54.7	54.8 270	0.0 0.0 1.0	0.607 1.0 0.0	59.1 2.0 -56.8	56.9 272 0.0 0.0 1.0	
306.7	277.5	278.8	0.125 0.0 1.0	31.0 76.3 -102.4	127.8 306.7	0.0 0.558 1.0	55.7 8.8 -62.6	63.3 278	0.125 0.0 1.0	0.55 1.0 0.0	55.2 10.1 -63.5	64.3 279 0.125 0.0 1.0	
307.6	285.0	286.0	0.25 0.0 1.0	32.6 76.8 -99.7	126.0 307.6	0.0 0.5 1.0	51.8 18.3 -68.2	70.7 285	0.25 0.0 1.0	0.488 1.0 0.0	51.0 20.0 -69.7	72.6 286 0.25 0.0 1.0	
309.2	292.5	293.1	0.375 0.0 1.0	35.2 78.0 -95.4	123.3 309.2	0.0 0.399 1.0	45.4 33.6 -79.0	86.0 293	0.375 0.0 1.0	0.399 1.0 0.0	45.4 33.6 -79.0	86.0 293 0.375 0.0 1.0	
311.7	300.0	302.0	0.5 0.0 1.0	38.6 79.9 -89.6	120.1 311.7	0.0 0.274 1.0	38.4 52.2 -90.4	104.5 300	0.5 0.0 1.0	0.274 1.0 0.0	38.4 52.2 -90.4	104.5 300 0.5 0.0 1.0	
314.9	307.5	307.3	0.625 0.0 1.0	42.7 82.5 -82.7	116.9 314.9	0.282 0.0 1.0	33.2 77.2 -98.6	125.3 308	0.625 0.0 1.0	0.172 0.0 1.0	31.6 76.5 -101.4	127.1 307 0.625 0.0 1.0	
318.8	315.0	314.4	0.75 0.0 1.0	47.3 85.9 -75.0	114.1 318.8	0.628 0.0 1.0	42.8 82.6 -82.5	116.8 315	0.75 0.0 1.0	0.59 0.0 1.0	41.6 81.8 -84.6	117.8 314 0.75 0.0 1.0	
323.3	322.5	321.5	0.875 0.0 1.0	52.2 89.9 -66.8	112.1 323.3	0.866 0.0 1.0	51.8 89.6 -67.4	112.2 323	0.875 0.0 1.0	0.81 0.0 1.0	49.7 87.9 -71.1	113.1 321 0.875 0.0 1.0	
328.2	330.0	328.6	1.0 0.0 1.0	57.3 94.4 -58.3	111.0 328.2	1.0 0.0 0.962	56.8 93.4 -53.8	107.8 330	1.0 0.0 1.0	0.984 57.1 93.9	-56.4 109.6 329	1.0 0.0 1.0	
334.1	337.5	335.7	1.0 0.0 0.875	55.6 90.3 -43.8	100.4 334.1	1.0 0.0 0.811	54.9 88.8 -35.8	95.8 338	1.0 0.0 0.875	0.843 55.3 89.6	-39.8 98.1 336	1.0 0.0 0.875	
341.7	345.0	342.8	1.0 0.0 0.75	54.2 86.7 -28.6	91.4 341.7	1.0 0.0 0.707	53.8 86.0 -23.0	89.1 345	1.0 0.0 0.75	0.733 54.1 86.5	-26.3 90.5 343	1.0 0.0 0.75	
351.4	352.5	349.9	1.0 0.0 0.625	53.0 83.7 -12.5	84.6 351.4	1.0 0.0 0.608	52.9 83.5 -10.2	84.2 353	1.0 0.0 0.625	0.643 53.2 84.3	-14.8 85.6 350	1.0 0.0 0.625	
362.9	360.0	357.0	1.0 0.0 0.5	52.1 81.2 4.2	81.3 362.9	1.0 0.0 0.532	52.3 82.1 0.0	82.1 0	1.0 0.0 0.5	0.564 52.6 82.9	-4.2 83.0 357	1.0 0.0 0.5	
375.3	367.5	364.2	1.0 0.0 0.375	51.4 79.3 21.7	82.2 375.3	1.0 0.0 0.449	51.8 80.9 11.4	81.6 8	1.0 0.0 0.375	0.489 52.0 81.2	5.7 81.4 4	1.0 0.0 0.375	
386.7	375.0	371.3	1.0 0.0 0.25	50.9 78.0 39.2	87.3 386.7	1.0 0.0 0.378	51.4 79.4 21.3	82.2 15	1.0 0.0 0.25	0.418 51.6 80.4	15.6 81.9 11	1.0 0.0 0.25	
395.4	382.5	378.4	1.0 0.0 0.125	50.6 77.2 55.0	94.8 395.4	1.0 0.0 0.291	51.0 78.8 33.5	85.6 23	1.0 0.0 0.125	0.345 51.2 79.3	25.8 83.4 18	1.0 0.0 0.125	
400.0	390.0	385.5	1.0 0.0 0.0	50.5 76.9 64.6	100.4 400.0	1.0 0.0 0.203	50.8 78.0 45.1	90.1 30	1.0 0.0 0.0	0.269 50.9 78.4	36.6 86.5 25	1.0 0.0 0.0	

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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: $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$													
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
40	30	25	1.0 0.0 0.0	50.5 76.9 64.6 100.4 40 $R_d$	1.0 0.0 0.203 50.8 78.0 45.1 90.1 30	1.0 0.0 0.0 $R_s$	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 $R_e$	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
41	31	27	1.0 0.095 0.0	51.3 74.6 64.9 98.9 41	1.0 0.0 0.189 50.7 78.0 46.9 91.0 31	1.0 0.0 0.017 0.0	1.0 0.0 0.269 50.9 78.0 39.7 87.5 27	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
42	32	28	1.0 0.151 0.0	52.1 72.4 65.2 97.5 42	1.0 0.0 0.174 50.7 77.9 48.7 91.8 32	1.0 0.0 0.033 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
43	33	29	1.0 0.188 0.0	52.8 70.3 65.5 96.1 43	1.0 0.0 0.16 50.7 77.7 50.5 92.7 33	1.0 0.0 0.05 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
44	34	30	1.0 0.225 0.0	53.6 68.2 65.8 94.8 44	1.0 0.0 0.146 50.6 77.6 52.3 93.6 34	1.0 0.0 0.067 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
45	35	31	1.0 0.256 0.0	54.3 66.1 66.1 93.5 45	1.0 0.0 0.131 50.6 77.3 54.2 94.4 35	1.0 0.0 0.083 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
46	36	32	1.0 0.277 0.0	55.0 64.3 66.6 92.5 46	1.0 0.0 0.11 50.6 77.3 56.1 95.5 36	1.0 0.1 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
47	37	33	1.0 0.297 0.0	55.6 62.4 66.9 91.5 47	1.0 0.0 0.082 50.6 77.2 58.2 96.7 37	1.0 0.117 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
48	38	34	1.0 0.318 0.0	56.3 60.6 67.3 90.5 48	1.0 0.0 0.055 50.5 77.2 60.3 98.0 38	1.0 0.133 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
49	39	36	1.0 0.338 0.0	57.0 58.7 67.6 89.5 49	1.0 0.0 0.028 50.5 77.1 62.4 99.2 39	1.0 0.15 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
50	40	37	1.0 0.359 0.0	57.7 56.9 67.8 88.5 50	1.0 0.0 0.0 50.5 76.9 64.6 100.4 40	1.0 0.167 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
51	41	38	1.0 0.378 0.0	58.3 55.1 68.1 87.6 51	1.0 0.095 0.0 51.3 74.6 64.9 98.9 41	1.0 0.183 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
52	42	39	1.0 0.392 0.0	58.9 53.6 68.6 87.0 52	1.0 0.151 0.0 52.1 72.4 65.2 97.5 42	1.0 0.2 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
53	43	40	1.0 0.406 0.0	59.6 52.0 69.0 86.4 53	1.0 0.188 0.0 52.8 70.3 65.5 96.1 43	1.0 0.217 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
54	44	41	1.0 0.42 0.0	60.2 50.4 69.4 85.8 54	1.0 0.225 0.0 53.6 68.2 65.8 94.8 44	1.0 0.233 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
55	45	42	1.0 0.433 0.0	60.8 48.8 69.8 85.2 55	1.0 0.256 0.0 54.3 66.1 66.1 93.5 45	1.0 0.25 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
56	46	43	1.0 0.447 0.0	61.4 47.3 70.1 84.5 56	1.0 0.277 0.0 55.0 64.3 66.6 92.5 46	1.0 0.267 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
57	47	44	1.0 0.461 0.0	62.0 45.7 70.4 83.9 57	1.0 0.297 0.0 55.6 62.4 66.9 91.5 47	1.0 0.283 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
58	48	46	1.0 0.475 0.0	62.6 44.1 70.7 83.3 58	1.0 0.318 0.0 56.3 60.6 67.3 90.5 48	1.0 0.3 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
59	49	47	1.0 0.489 0.0	63.2 42.6 70.9 82.7 59	1.0 0.338 0.0 57.0 58.7 67.6 89.5 49	1.0 0.317 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
60	50	48	1.0 0.502 0.0	63.8 41.1 71.2 82.2 60	1.0 0.359 0.0 57.7 56.9 67.8 88.5 50	1.0 0.333 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
61	51	49	1.0 0.513 0.0	64.4 39.7 71.6 81.9 61	1.0 0.378 0.0 58.3 55.1 68.1 87.6 51	1.0 0.35 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
62	52	50	1.0 0.525 0.0	64.9 38.3 72.1 81.7 62	1.0 0.392 0.0 58.9 53.6 68.6 87.0 52	1.0 0.367 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
63	53	51	1.0 0.536 0.0	65.5 37.0 72.5 81.4 63	1.0 0.406 0.0 59.6 52.0 69.0 86.4 53	1.0 0.383 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
64	54	52	1.0 0.547 0.0	66.1 35.6 72.9 81.1 64	1.0 0.42 0.0 60.2 50.4 69.4 85.8 54	1.0 0.4 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
65	55	53	1.0 0.558 0.0	66.7 34.2 73.3 80.9 65	1.0 0.433 0.0 60.8 48.8 69.8 85.2 55	1.0 0.417 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
66	56	54	1.0 0.569 0.0	67.2 32.8 73.7 80.6 66	1.0 0.447 0.0 61.4 47.3 70.1 84.5 56	1.0 0.433 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
67	57	56	1.0 0.58 0.0	67.8 31.4 74.0 80.4 67	1.0 0.461 0.0 62.0 45.7 70.4 83.9 57	1.0 0.45 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
68	58	57	1.0 0.591 0.0	68.4 30.0 74.3 80.1 68	1.0 0.475 0.0 62.6 44.7 70.7 83.3 58	1.0 0.467 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
69	59	58	1.0 0.602 0.0	69.0 28.6 74.6 79.9 69	1.0 0.489 0.0 63.2 42.6 70.9 82.7 59	1.0 0.483 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
70	60	59	1.0 0.614 0.0	69.5 27.2 74.8 79.6 70	1.0 0.502 0.0 63.8 41.1 71.2 82.2 60	1.0 0.5 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
71	61	60	1.0 0.625 0.0	70.1 25.8 75.0 79.4 71	1.0 0.513 0.0 64.4 39.7 71.6 81.9 61	1.0 0.517 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
72	62	61	1.0 0.635 0.0	70.7 24.5 75.6 79.4 72	1.0 0.525 0.0 64.9 38.3 72.1 81.7 62	1.0 0.533 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
73	63	62	1.0 0.646 0.0	71.3 23.3 76.1 79.5 73	1.0 0.536 0.0 65.5 37.0 72.5 81.4 63	1.0 0.55 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
74	64	63	1.0 0.656 0.0	71.9 21.9 76.5 79.6 74	1.0 0.547 0.0 66.1 35.6 72.9 81.1 64	1.0 0.567 0.0	1.0 0.0 0.269 50.9 78.4 36.6 86.5 25	1.0 0.0 0.0 0.0	1.0 0.0 0.246 50.9 78.0 39.7 87.5 27	1.0 0.0 0.017 0.0	1.0 0.0 0.231 50.8 78.1 41.5 88.4 28	1.0 0.0 0.033 0.0	
75	65	64	1.0 0.667 0.0	72.5 20.6 77.0 79.7 75	1.0 0.558 0.0 66.7								

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
85	75	76	1.0 0.773 0.0	78.7 7.1 81.0 81.3 85	1.0 0.667 0.0	72.5 20.6 77.0 79.7 75	1.0 0.75 0.0	1.0 0.677 0.0	73.1 19.3 77.4 79.8 76	1.0 0.75 0.0		
86	76	77	1.0 0.785 0.0	79.3 5.7 81.6 81.8 86	1.0 0.677 0.0	73.1 19.3 77.4 79.8 76	1.0 0.767 0.0	1.0 0.688 0.0	73.7 18.0 77.8 79.9 77	1.0 0.767 0.0		
87	77	78	1.0 0.796 0.0	80.0 4.3 82.1 82.2 87	1.0 0.688 0.0	73.7 18.0 77.8 79.9 77	1.0 0.783 0.0	1.0 0.698 0.0	74.3 16.6 78.2 80.0 78	1.0 0.783 0.0		
88	78	79	1.0 0.808 0.0	80.7 2.9 82.6 82.7 88	1.0 0.698 0.0	74.3 16.6 78.2 80.0 78	1.0 0.8 0.0	1.0 0.708 0.0	74.9 15.3 78.6 80.1 79	1.0 0.8 0.0		
89	79	80	1.0 0.819 0.0	81.4 1.5 83.1 83.1 89	1.0 0.708 0.0	74.9 15.3 78.6 80.1 79	1.0 0.817 0.0	1.0 0.719 0.0	75.5 13.9 78.9 80.1 80	1.0 0.817 0.0		
90	80	81	1.0 0.831 0.0	82.1 0.0 83.5 83.5 90	1.0 0.719 0.0	75.5 13.9 78.9 80.1 80	1.0 0.833 0.0	1.0 0.729 0.0	76.1 12.6 79.2 80.2 81	1.0 0.833 0.0		
91	81	82	1.0 0.842 0.0	82.8 -1.4 84.0 84.0 91	1.0 0.729 0.0	76.1 12.6 79.2 80.2 81	1.0 0.85 0.0	1.0 0.74 0.0	76.7 11.2 79.5 80.3 82	1.0 0.85 0.0		
92	82	83	1.0 0.853 0.0	83.5 -2.8 84.4 84.4 92	1.0 0.74 0.0	76.7 11.2 79.5 80.3 82	1.0 0.867 0.0	1.0 0.75 0.0	77.3 9.8 79.8 80.4 83	1.0 0.867 0.0		
93	83	85	1.0 0.865 0.0	84.2 -4.3 84.8 84.9 93	1.0 0.75 0.0	77.3 9.8 79.8 80.4 83	1.0 0.883 0.0	1.0 0.773 0.0	78.7 7.1 81.0 81.3 85	1.0 0.883 0.0		
94	84	86	1.0 0.877 0.0	84.9 -5.9 85.2 85.4 94	1.0 0.762 0.0	78.0 8.5 80.4 80.9 84	1.0 0.9 0.0	1.0 0.785 0.0	79.3 5.7 81.6 81.8 86	1.0 0.9 0.0		
95	85	87	1.0 0.891 0.0	85.8 -7.4 85.9 86.3 95	1.0 0.773 0.0	78.7 7.1 81.0 81.3 85	1.0 0.917 0.0	1.0 0.796 0.0	80.0 4.3 82.1 82.2 87	1.0 0.917 0.0		
96	86	88	1.0 0.904 0.0	86.7 -9.0 86.6 87.1 96	1.0 0.785 0.0	79.3 5.7 81.6 81.8 86	1.0 0.933 0.0	1.0 0.808 0.0	80.7 2.9 82.6 82.7 88	1.0 0.933 0.0		
97	87	89	1.0 0.918 0.0	87.5 -10.6 87.3 88.0 97	1.0 0.796 0.0	80.0 4.3 82.1 82.2 87	1.0 0.95 0.0	1.0 0.819 0.0	81.4 1.5 83.1 83.1 89	1.0 0.95 0.0		
98	88	90	1.0 0.932 0.0	88.4 -12.3 88.0 88.9 98	1.0 0.808 0.0	80.7 2.9 82.6 82.7 88	1.0 0.967 0.0	1.0 0.831 0.0	82.1 0.0 83.5 83.5 90	1.0 0.967 0.0		
99	89	91	1.0 0.946 0.0	89.3 -13.9 88.6 89.7 99	1.0 0.819 0.0	81.4 1.5 83.1 83.1 89	1.0 0.983 0.0	1.0 0.842 0.0	82.8 -1.4 84.0 84.0 91	1.0 0.983 0.0		
100	90	92	1.0 0.96 0.0	90.2 -15.6 89.2 90.6 100	1.0 0.831 0.0	82.1 0.0 83.5 83.5 90	1.0 1.0 0.0 $J_s$	1.0 0.853 0.0	83.5 -2.8 84.4 84.4 92	1.0 1.0 0.0 $J_e$		
101	91	93	1.0 0.974 0.0	91.0 -17.4 89.8 91.5 101	1.0 0.842 0.0	82.8 -1.4 84.0 84.0 91	1.0 0.983 1.0 0.0	1.0 0.865 0.0	84.2 -4.3 84.8 84.9 93	1.0 0.983 1.0 0.0		
102	92	95	1.0 0.988 0.0	91.9 -19.1 90.3 92.3 102	1.0 0.853 0.0	83.5 -2.8 84.4 84.4 92	1.0 0.967 1.0 0.0	1.0 0.891 0.0	85.8 -7.4 85.9 86.3 95	1.0 0.967 1.0 0.0		
103	93	96	0.998 1.0 0.0	92.6 -20.8 90.7 93.1 103	1.0 0.865 0.0	84.2 -4.3 84.8 84.9 93	0.95 1.0 0.0	1.0 0.904 0.0	86.7 -9.0 86.6 87.1 96	0.95 1.0 0.0		
104	94	97	0.981 1.0 0.0	92.3 -22.5 90.5 93.2 104	1.0 0.877 0.0	84.9 -5.9 85.2 85.4 94	0.933 1.0 0.0	1.0 0.918 0.0	87.5 -10.6 87.3 88.0 97	0.933 1.0 0.0		
105	95	98	0.965 1.0 0.0	92.0 -24.1 90.2 93.4 105	1.0 0.891 0.0	85.8 -7.4 85.9 86.3 95	0.917 1.0 0.0	1.0 0.932 0.0	88.4 -12.3 88.0 88.9 98	0.917 1.0 0.0		
106	96	99	0.949 1.0 0.0	91.8 -25.7 89.9 93.5 106	1.0 0.904 0.0	86.7 -9.0 86.6 87.1 96	0.9 1.0 0.0	1.0 0.946 0.0	89.3 -13.9 88.6 89.7 99	0.9 1.0 0.0		
107	97	100	0.933 1.0 0.0	91.5 -27.3 89.6 93.6 107	1.0 0.918 0.0	87.5 -10.6 87.3 88.0 97	0.883 1.0 0.0	1.0 0.96 0.0	90.2 -15.6 89.2 90.6 100	0.883 1.0 0.0		
108	98	102	0.917 1.0 0.0	91.2 -28.9 89.2 93.8 108	1.0 0.932 0.0	88.4 -12.3 88.0 88.9 98	0.867 1.0 0.0	1.0 0.988 0.0	91.9 -19.1 90.3 92.3 102	0.867 1.0 0.0		
109	99	103	0.901 1.0 0.0	90.9 -30.5 88.8 93.9 109	1.0 0.946 0.0	89.3 -13.9 88.6 89.7 99	0.85 1.0 0.0	0.998 1.0 0.0	92.6 -20.8 90.7 93.1 103	0.85 1.0 0.0		
110	100	104	0.884 1.0 0.0	90.6 -32.1 88.4 94.1 110	1.0 0.96 0.0	90.2 -15.6 89.2 90.6 100	0.833 1.0 0.0	0.981 1.0 0.0	92.3 -22.5 90.5 93.2 104	0.833 1.0 0.0		
111	101	105	0.868 1.0 0.0	90.3 -33.7 88.0 94.3 111	1.0 0.974 0.0	91.0 -17.4 89.8 91.5 101	0.817 1.0 0.0	0.965 1.0 0.0	92.0 -24.1 90.2 93.4 105	0.817 1.0 0.0		
112	102	106	0.85 1.0 0.0	90.1 -35.4 87.8 94.7 112	1.0 0.988 0.0	91.9 -19.1 90.3 92.3 102	0.8 1.0 0.0	0.949 1.0 0.0	91.8 -25.7 89.9 93.5 106	0.8 1.0 0.0		
113	103	107	0.832 1.0 0.0	89.8 -37.1 87.5 95.1 113	0.998 1.0 0.0	92.6 -20.8 90.7 93.1 103	0.783 1.0 0.0	0.933 1.0 0.0	91.5 -27.3 89.6 93.6 107	0.783 1.0 0.0		
114	104	109	0.814 1.0 0.0	89.5 -38.7 87.2 95.5 114	0.981 1.0 0.0	92.3 -22.5 90.5 93.2 104	0.767 1.0 0.0	0.901 1.0 0.0	90.9 -30.5 88.8 93.9 109	0.767 1.0 0.0		
115	105	110	0.797 1.0 0.0	89.3 -40.4 86.9 95.9 115	0.965 1.0 0.0	92.0 -24.1 90.2 93.4 105	0.75 1.0 0.0	0.884 1.0 0.0	90.6 -32.1 88.4 94.1 110	0.75 1.0 0.0		
116	106	111	0.779 1.0 0.0	89.0 -42.1 86.5 96.3 116	0.949 1.0 0.0	91.8 -25.7 89.9 93.5 106	0.733 1.0 0.0	0.868 1.0 0.0	90.3 -33.7 88.0 94.3 111	0.733 1.0 0.0		
117	107	112	0.761 1.0 0.0	88.7 -43.8 86.1 96.6 117	0.933 1.0 0.0	91.5 -27.3 89.6 93.6 107	0.717 1.0 0.0	0.85 1.0 0.0	90.1 -35.4 87.8 94.7 112	0.717 1.0 0.0		
118	108	113	0.742 1.0 0.0	88.4 -45.5 85.8 97.1 118	0.917 1.0 0.0	91.2 -28.9 89.2 93.8 108	0.7 1.0 0.0	0.832 1.0 0.0	89.8 -37.1 87.5 95.1 113	0.7 1.0 0.0		
119	109	114	0.721 1.0 0.0	88.2 -47.3 85.5 97.8 119	0.901 1.0 0.0	90.9 -30.5 88.8 93.9 109	0.683 1.0 0.0	0.814 1.0 0.0	89.5 -38.7 87.2 95.5 114	0.683 1.0 0.0		
120	110	116	0.7 1.0 0.0	87.9 -49.1 85.3 98.4 120	0.884 1.0 0.0	90.6 -32.1 88.4 94.1 110	0.667 1.0 0.0	0.779 1.0 0.0	89.0 -42.1 86.5 96.3 116	0.667 1.0 0.0		
121	111	117	0.68 1.0 0.0	87.7 -50.9 84.9 99.1 121	0.868 1.0 0.0	90.3 -33.7 88.0 94.3 111	0.65 1.0 0.0	0.761 1.0 0.0	88.7 -43.8 86.1 96.6 117	0.65 1.0 0.0		
122	112	118	0.659 1.0 0.0	87.4 -52.8 84.6 99.7 122	0.85 1.0 0.0	90.1 -35.4 87.8 94.7 112	0.633 1.0 0.0	0.742 1.0 0.0	88.4 -45.5 85.8 97.1 118	0.633 1.0 0.0		
123	113	119	0.638 1.0 0.0	87.1 -54.6 84.2 100.4 123	0.832 1.0 0.0	89.8 -37.1 87.5 95.1 113	0.617 1.0 0.0	0.721 1.0 0.0	88.2 -47.3 85.5 97.8 119	0.617 1.0 0.0		
124	114	120	0.615 1.0 0.0	86.9 -56.5 83.9 101.1 124	0.814 1.0 0.0	89.5 -38.7 87.2 95.5 114	0.6 1.0 0.0	0.7 1.0 0.0	87.9 -49.1 85.3 98.4 120	0.6 1.0 0.0		
125	115	121	0.589 1.0 0.0	86.6 -58.4 83.6 102.1 125	0.797 1.0 0.0	89.3 -40.4 86.9 95.9 115	0.583 1.0 0.0	0.68 1.0 0.0	87.7 -50.9 84.9 99.1 121	0.583 1.0 0.0		
126	116	123	0.562 1.0 0.0	86.3 -60.4 83.3 103.0 126	0.779 1.0 0.0	89.0 -42.1 86.5 96.3 116	0.567 1.0 0.0	0.638 1.0 0.0	87.1 -54.6 84.2 100.4 123	0.567 1.0 0.0		
127	117	124	0.536 1.0 0.0	86.1 -62.4 83.0 103.9 127	0.761 1.0 0.0	88.7 -43.8 86.1 96.6 117	0.55 1.0 0.0	0.615 1.0 0.0	86.9 -56.5 83.9 101.1 124	0.55 1.0 0.0		
128	118	125	0.51 1.0 0.0	85.8 -64.4 82.6 104.8 128	0.742 1.0 0.0	88.4 -45.5 85.8 97.1 118	0.533 1.0 0.0	0.589 1.0 0.0	86.6 -58.4 83.6 102.1 125	0.533 1.0 0.0		
129	119	126	0.477 1.0 0.0	85.5 -66.5 82.3 105.8 129	0.721 1.0 0.0	88.2 -47.3 85.5 97.8 119	0.517 1.0 0.0	0.562 1.0 0.0	86.3 -60.4 83.3 103.0 126	0.517 1.0 0.0		
130	120	127	0.442 1.0 0.0	85.3 -68.7 82.0 107.0 130	0.7 1.0 0.0	87.9 -49.1 85.3 98.4 120	0.5 1.0 0.0	0.536 1.0 0.0	86.1 -62.4 83.0 103.9 127	0.5 1.0 0.0		

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
130	120	127	0.442 1.0 0.0	85.3 -68.7 82.0 107.0 130	0.7 1.0 0.0	87.9 -49.1 85.3 98.4 120	0.5 1.0 0.0	0.536 1.0 0.0	86.1 -62.4 83.0 103.9 127	0.5 1.0 0.0	0.0	0.0
131	121	128	0.406 1.0 0.0	85.0 -70.9 81.6 108.1 131	0.68 1.0 0.0	87.7 -50.9 84.9 99.1 121	0.483 1.0 0.0	0.51 1.0 0.0	85.8 -64.4 82.6 104.8 128	0.483 1.0 0.0	0.0	0.0
132	122	130	0.368 1.0 0.0	84.7 -73.1 81.2 109.3 132	0.659 1.0 0.0	87.4 -52.8 84.6 99.7 122	0.467 1.0 0.0	0.442 1.0 0.0	85.3 -68.7 82.0 107.0 130	0.467 1.0 0.0	0.0	0.0
133	123	131	0.314 1.0 0.0	84.5 -75.4 80.9 110.7 133	0.638 1.0 0.0	87.1 -54.6 84.2 100.4 123	0.45 1.0 0.0	0.406 1.0 0.0	85.0 -70.9 81.6 108.1 131	0.45 1.0 0.0	0.0	0.0
134	124	132	0.261 1.0 0.0	84.2 -77.7 80.6 112.0 134	0.615 1.0 0.0	86.9 -56.5 83.9 101.1 124	0.433 1.0 0.0	0.368 1.0 0.0	84.7 -73.1 81.2 109.3 132	0.433 1.0 0.0	0.0	0.0
135	125	133	0.173 1.0 0.0	83.9 -80.2 80.3 113.5 135	0.589 1.0 0.0	86.6 -58.4 83.6 102.1 125	0.417 1.0 0.0	0.314 1.0 0.0	84.5 -75.4 80.9 110.7 133	0.417 1.0 0.0	0.0	0.0
136	126	134	0.004 1.0 0.0	83.6 -82.6 79.9 115.0 136	0.562 1.0 0.0	86.3 -60.4 83.3 103.0 126	0.4 1.0 0.0	0.261 1.0 0.0	84.2 -77.7 80.6 112.0 134	0.4 1.0 0.0	0.0	0.0
137	127	135	0.0 1.0 0.125	83.7 -82.1 76.6 112.3 137	0.536 1.0 0.0	86.1 -62.4 83.0 103.9 127	0.383 1.0 0.0	0.173 1.0 0.0	83.9 -80.2 80.3 113.5 135	0.383 1.0 0.0	0.0	0.0
138	128	137	0.0 1.0 0.178	83.7 -81.4 73.4 109.7 138	0.51 1.0 0.0	85.8 -64.4 82.6 104.8 128	0.367 1.0 0.0	0.0 1.0	0.125 83.7 -82.1 76.6 112.3 137	0.367 1.0 0.0	0.0	0.0
139	129	138	0.0 1.0 0.231	83.8 -80.7 70.3 107.1 139	0.477 1.0 0.0	85.5 -66.5 82.3 105.8 129	0.35 1.0 0.0	0.0 1.0	0.178 83.7 -81.4 73.4 109.7 138	0.35 1.0 0.0	0.0	0.0
140	130	139	0.0 1.0 0.271	83.8 -80.1 67.3 104.7 140	0.442 1.0 0.0	85.3 -68.7 82.0 107.0 130	0.333 1.0 0.0	0.0 1.0	0.231 83.8 -80.7 70.3 107.1 139	0.333 1.0 0.0	0.0	0.0
141	131	140	0.0 1.0 0.303	83.9 -79.4 64.4 102.3 141	0.406 1.0 0.0	85.0 -70.9 81.6 108.1 131	0.317 1.0 0.0	0.0 1.0	0.271 83.8 -80.1 67.3 104.7 140	0.317 1.0 0.0	0.0	0.0
142	132	141	0.0 1.0 0.335	83.9 -78.7 61.6 100.0 142	0.368 1.0 0.0	84.7 -73.1 81.2 109.3 132	0.3 1.0 0.0	0.0 1.0	0.303 83.9 -79.4 64.4 102.3 141	0.3 1.0 0.0	0.0	0.0
143	133	142	0.0 1.0 0.368	84.0 -77.9 58.8 97.7 143	0.314 1.0 0.0	84.5 -75.4 80.9 110.7 133	0.283 1.0 0.0	0.0 1.0	0.335 83.9 -78.7 61.6 100.0 142	0.283 1.0 0.0	0.0	0.0
144	134	144	0.0 1.0 0.393	84.1 -77.3 56.2 95.6 144	0.261 1.0 0.0	84.2 -77.7 80.6 112.0 134	0.267 1.0 0.0	0.0 1.0	0.393 84.1 -77.3 56.2 95.6 144	0.267 1.0 0.0	0.0	0.0
145	135	145	0.0 1.0 0.416	84.1 -76.6 53.7 93.6 145	0.173 1.0 0.0	83.9 -80.2 80.3 113.5 135	0.25 1.0 0.0	0.0 1.0	0.416 84.1 -76.6 53.7 93.6 145	0.25 1.0 0.0	0.0	0.0
146	136	146	0.0 1.0 0.439	84.2 -75.9 51.3 91.7 146	0.004 1.0 0.0	83.6 -82.6 79.9 115.0 136	0.233 1.0 0.0	0.0 1.0	0.439 84.2 -75.9 51.3 91.7 146	0.233 1.0 0.0	0.0	0.0
147	137	147	0.0 1.0 0.462	84.2 -75.1 48.8 89.7 147	0.0 1.0	0.125 83.7 -82.1 76.6 112.3 137	0.217 1.0 0.0	0.0 1.0	0.462 84.2 -75.1 48.8 89.7 147	0.217 1.0 0.0	0.0	0.0
148	138	148	0.0 1.0 0.485	84.3 -74.3 46.5 87.7 148	0.0 1.0	0.178 83.7 -81.4 73.4 109.7 138	0.2 1.0 0.0	0.0 1.0	0.485 84.3 -74.3 46.5 87.7 148	0.2 1.0 0.0	0.0	0.0
149	139	149	0.0 1.0 0.506	84.4 -73.5 44.2 85.9 149	0.0 1.0	0.231 83.8 -80.7 70.3 107.1 139	0.183 1.0 0.0	0.0 1.0	0.506 84.4 -73.5 44.2 85.9 149	0.183 1.0 0.0	0.0	0.0
150	140	151	0.0 1.0 0.523	84.4 -72.9 42.1 84.3 150	0.0 1.0	0.271 83.8 -80.1 67.3 104.7 140	0.167 1.0 0.0	0.0 1.0	0.541 84.5 -72.3 40.1 82.7 151	0.167 1.0 0.0	0.0	0.0
151	141	152	0.0 1.0 0.541	84.5 -72.3 40.1 82.7 151	0.0 1.0	0.303 83.9 -79.4 64.4 102.3 141	0.15 1.0 0.0	0.0 1.0	0.558 84.5 -71.6 38.1 81.2 152	0.15 1.0 0.0	0.0	0.0
152	142	153	0.0 1.0 0.558	84.5 -71.6 38.1 81.2 152	0.0 1.0	0.335 83.9 -78.7 61.6 100.0 142	0.133 1.0 0.0	0.0 1.0	0.575 84.6 -70.8 36.1 79.6 153	0.133 1.0 0.0	0.0	0.0
153	143	154	0.0 1.0 0.575	84.6 -70.8 36.1 79.6 153	0.0 1.0	0.368 84.0 -77.9 58.8 97.7 143	0.117 1.0 0.0	0.0 1.0	0.592 84.7 -70.0 34.2 78.0 154	0.117 1.0 0.0	0.0	0.0
154	144	155	0.0 1.0 0.592	84.7 -70.0 34.2 78.0 154	0.0 1.0	0.393 84.1 -77.3 56.2 95.6 144	0.1 1.0 0.0	0.0 1.0	0.61 84.7 -69.2 32.3 76.5 155	0.1 1.0 0.0	0.0	0.0
155	145	156	0.0 1.0 0.61	84.7 -69.2 32.3 76.5 155	0.0 1.0	0.416 84.1 -76.6 53.7 93.6 145	0.083 1.0 0.0	0.0 1.0	0.626 84.8 -68.4 30.5 74.9 156	0.083 1.0 0.0	0.0	0.0
156	146	158	0.0 1.0 0.626	84.8 -68.4 30.5 74.9 156	0.0 1.0	0.439 84.2 -75.9 51.3 91.7 146	0.067 1.0 0.0	0.0 1.0	0.652 84.9 -67.3 27.2 72.7 158	0.067 1.0 0.0	0.0	0.0
157	147	159	0.0 1.0 0.639	84.9 -67.8 28.8 73.8 157	0.0 1.0	0.462 84.2 -75.1 48.8 89.7 147	0.05 1.0 0.0	0.0 1.0	0.665 85.0 -66.7 25.6 71.6 159	0.05 1.0 0.0	0.0	0.0
158	148	160	0.0 1.0 0.652	84.9 -67.3 27.2 72.7 158	0.0 1.0	0.485 84.3 -74.3 46.5 87.7 148	0.033 1.0 0.0	0.0 1.0	0.678 85.0 -66.1 24.1 70.4 160	0.033 1.0 0.0	0.0	0.0
159	149	161	0.0 1.0 0.665	85.0 -66.7 25.6 71.6 159	0.0 1.0	0.506 84.4 -73.5 44.2 85.9 149	0.017 1.0 0.0	0.0 1.0	0.691 85.1 -65.4 22.6 69.3 161	0.017 1.0 0.0	0.0	0.0
160	150	162	0.0 1.0 0.678	85.0 -66.1 24.1 70.4 160	0.0 1.0	0.523 84.4 -72.9 42.1 84.3 150	0.0 1.0	0.0 1.0	0.703 85.1 -64.7 21.1 68.2 162	0.0 1.0	0.0	0.0
161	151	163	0.0 1.0 0.691	85.1 -65.4 22.6 69.3 161	0.0 1.0	0.541 84.5 -72.3 40.1 82.7 151	0.0 1.0	0.0 1.0	0.716 85.2 -64.0 19.6 67.0 163	0.0 1.0	0.0	0.017
162	152	164	0.0 1.0 0.703	85.1 -64.7 21.1 68.2 162	0.0 1.0	0.558 84.5 -71.6 38.1 81.2 152	0.0 1.0	0.0 1.0	0.729 85.3 -63.3 18.2 65.9 164	0.0 1.0	0.0	0.033
163	153	165	0.0 1.0 0.716	85.2 -64.0 19.6 67.0 163	0.0 1.0	0.575 84.6 -70.8 36.1 79.6 153	0.0 1.0	0.0 1.0	0.742 85.3 -62.5 16.8 64.8 165	0.0 1.0	0.0	0.05
164	154	166	0.0 1.0 0.729	85.3 -63.3 18.2 65.9 164	0.0 1.0	0.592 84.7 -70.0 34.2 78.0 154	0.0 1.0	0.0 1.0	0.753 85.4 -61.8 15.4 63.8 166	0.0 1.0	0.0	0.067
165	155	167	0.0 1.0 0.742	85.3 -62.5 16.8 64.8 165	0.0 1.0	0.61 84.7 -69.2 32.3 76.5 155	0.0 1.0	0.0 1.0	0.763 85.4 -61.4 14.2 63.1 167	0.0 1.0	0.0	0.083
166	156	168	0.0 1.0 0.753	85.4 -61.8 15.4 63.8 166	0.0 1.0	0.626 84.8 -68.4 30.5 74.9 156	0.0 1.0	0.0 1.0	0.772 85.5 -60.9 13.0 62.4 168	0.0 1.0	0.0	0.1
167	157	169	0.0 1.0 0.763	85.4 -61.4 14.2 63.1 167	0.0 1.0	0.639 84.9 -67.8 28.8 73.8 157	0.0 1.0	0.0 1.0	0.782 85.5 -60.4 11.8 61.7 169	0.0 1.0	0.0	0.117
168	158	170	0.0 1.0 0.772	85.5 -60.9 13.0 62.4 168	0.0 1.0	0.652 84.9 -67.3 27.2 72.7 158	0.0 1.0	0.0 1.0	0.791 85.6 -59.9 10.6 60.9 170	0.0 1.0	0.0	0.133
169	159	170	0.0 1.0 0.782	85.5 -60.4 11.8 61.7 169	0.0 1.0	0.665 85.0 -66.7 25.6 71.6 159	0.0 1.0	0.0 1.0	0.791 85.6 -59.9 10.6 60.9 170	0.0 1.0	0.0	0.15
170	160	171	0.0 1.0 0.791	85.6 -59.9 10.6 60.9 170	0.0 1.0	0.678 85.0 -66.1 24.1 70.4 160	0.0 1.0	0.0 1.0	0.801 85.6 -59.4 9.4 60.2 171	0.0 1.0	0.0	0.167
171	161	172	0.0 1.0 0.801	85.6 -59.4 9.4 60.2 171	0.0 1.0	0.691 85.1 -65.4 22.6 69.3 161	0.0 1.0	0.0 1.0	0.81 85.7 -58.8 8.3 59.5 172	0.0 1.0	0.0	0.183
172	162	173	0.0 1.0 0.808	85.7 -58.8 8.3 59.5 172	0.0 1.0	0.703 85.1 -64.7 21.1 68.2 162	0.0 1.0	0.0 1.0	0.82 85.7 -58.2 7.2 58.8 173	0.0 1.0	0.0	0.2
173	163	174	0.0 1.0 0.82	85.7 -58.2 7.2 58.8 173	0.0 1.0	0.716 85.2 -64.0 19.6 67.0 163	0.0 1.0	0.0 1.0	0.829 85.8 -57.6 6.1 58.1 174	0.0 1.0	0.0	0.217
174	164	175	0.0 1.0 0.829	85.8 -57.6 6.1 58.1 174	0.0 1.0	0.729 85.3 -63.3 18.2 65.9 164	0.0 1.0	0.0 1.0	0.839 85.8 -57.0 5.0 57.3 175	0.0 1.0	0.0	0.233
175	165	176	0.0 1.0 0.839	85.8 -57.0 5.0 57.3 175	0.0 1.0	0.742 85.3 -62.5 16.8 64.8 165	0.0 1.0	0.0 1.0	0.848 85.9 -56.4 4.0 56.6 176	0.0 1.0	0.0	0.25

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
175	165	176	0.0 1.0	0.839 85.8 -57.0 5.0 57.3 175	0.0 1.0	0.742 85.3 -62.5 16.8 64.8 165	0.0 1.0	0.25	0.0 1.0	0.848 85.9 -56.4 4.0 56.6 176	0.0 1.0	0.25	
176	166	177	0.0 1.0	0.848 85.9 -56.4 4.0 56.6 176	0.0 1.0	0.753 85.4 -61.8 15.4 63.8 166	0.0 1.0	0.267	0.0 1.0	0.857 86.0 -55.7 2.9 55.9 177	0.0 1.0	0.267	
177	167	178	0.0 1.0	0.857 86.0 -55.7 2.9 55.9 177	0.0 1.0	0.763 85.4 -61.4 14.2 63.1 167	0.0 1.0	0.283	0.0 1.0	0.867 86.0 -55.1 1.9 55.2 178	0.0 1.0	0.283	
178	168	179	0.0 1.0	0.867 86.0 -55.1 1.9 55.2 178	0.0 1.0	0.772 85.5 -60.9 13.0 62.4 168	0.0 1.0	0.3	0.0 1.0	0.876 86.1 -54.4 1.0 54.5 179	0.0 1.0	0.3	
179	169	180	0.0 1.0	0.876 86.1 -54.4 1.0 54.5 179	0.0 1.0	0.782 85.5 -60.4 11.8 61.7 169	0.0 1.0	0.317	0.0 1.0	0.883 86.1 -54.1 0.0 54.2 180	0.0 1.0	0.317	
180	170	180	0.0 1.0	0.883 86.1 -54.1 0.0 54.2 180	0.0 1.0	0.791 85.6 -59.9 10.6 60.9 170	0.0 1.0	0.333	0.0 1.0	0.883 86.1 -54.1 0.0 54.2 180	0.0 1.0	0.333	
181	171	181	0.0 1.0	0.89 86.2 -53.7 -0.8 53.8 181	0.0 1.0	0.801 85.6 -59.4 9.4 60.2 171	0.0 1.0	0.35	0.0 1.0	0.89 86.2 -53.7 -0.8 53.8 181	0.0 1.0	0.35	
182	172	182	0.0 1.0	0.897 86.2 -53.3 -1.8 53.4 182	0.0 1.0	0.81 85.7 -58.8 8.3 59.5 172	0.0 1.0	0.367	0.0 1.0	0.897 86.2 -53.3 -1.8 53.4 182	0.0 1.0	0.367	
183	173	183	0.0 1.0	0.905 86.2 -52.9 -2.7 53.1 183	0.0 1.0	0.82 85.7 -58.2 7.2 58.8 173	0.0 1.0	0.383	0.0 1.0	0.905 86.2 -52.9 -2.7 53.1 183	0.0 1.0	0.383	
184	174	184	0.0 1.0	0.912 86.3 -52.5 -3.6 52.7 184	0.0 1.0	0.829 85.8 -57.6 6.1 58.1 174	0.0 1.0	0.4	0.0 1.0	0.912 86.3 -52.5 -3.6 52.7 184	0.0 1.0	0.4	
185	175	185	0.0 1.0	0.919 86.3 -52.0 -4.5 52.3 185	0.0 1.0	0.839 85.8 -57.0 5.0 57.3 175	0.0 1.0	0.417	0.0 1.0	0.919 86.3 -52.0 -4.5 52.3 185	0.0 1.0	0.417	
186	176	186	0.0 1.0	0.926 86.4 -51.6 -5.3 52.0 186	0.0 1.0	0.848 85.9 -56.4 4.0 56.6 176	0.0 1.0	0.433	0.0 1.0	0.926 86.4 -51.6 -5.3 52.0 186	0.0 1.0	0.433	
187	177	187	0.0 1.0	0.933 86.4 -51.1 -6.2 51.6 187	0.0 1.0	0.857 86.0 -55.7 2.9 55.9 177	0.0 1.0	0.45	0.0 1.0	0.933 86.4 -51.1 -6.2 51.6 187	0.0 1.0	0.45	
188	178	188	0.0 1.0	0.94 86.5 -50.6 -7.0 51.2 188	0.0 1.0	0.867 86.0 -55.1 1.9 55.2 178	0.0 1.0	0.467	0.0 1.0	0.94 86.5 -50.6 -7.0 51.2 188	0.0 1.0	0.467	
189	179	189	0.0 1.0	0.947 86.5 -50.1 -7.9 50.8 189	0.0 1.0	0.876 86.1 -54.4 1.0 54.5 179	0.0 1.0	0.483	0.0 1.0	0.947 86.5 -50.1 -7.9 50.8 189	0.0 1.0	0.483	
190	180	190	0.0 1.0	0.955 86.6 -49.6 -8.7 50.5 190	0.0 1.0	0.883 86.1 -54.1 0.0 54.2 180	0.0 1.0	0.5	0.0 1.0	0.955 86.6 -49.6 -8.7 50.5 190	0.0 1.0	0.5	
191	181	191	0.0 1.0	0.962 86.6 -49.1 -9.5 50.1 191	0.0 1.0	0.89 86.2 -53.7 -0.8 53.8 181	0.0 1.0	0.517	0.0 1.0	0.962 86.6 -49.1 -9.5 50.1 191	0.0 1.0	0.517	
192	182	191	0.0 1.0	0.969 86.7 -48.6 -10.2 49.7 192	0.0 1.0	0.897 86.2 -53.3 -1.8 53.4 182	0.0 1.0	0.533	0.0 1.0	0.962 86.6 -49.1 -9.5 50.1 191	0.0 1.0	0.533	
193	183	192	0.0 1.0	0.976 86.7 -48.0 -11.0 49.4 193	0.0 1.0	0.905 86.2 -52.9 -2.7 53.1 183	0.0 1.0	0.55	0.0 1.0	0.969 86.7 -48.6 -10.2 49.7 192	0.0 1.0	0.55	
194	184	193	0.0 1.0	0.983 86.8 -47.5 -11.8 49.0 194	0.0 1.0	0.912 86.3 -52.5 -3.6 52.7 184	0.0 1.0	0.567	0.0 1.0	0.976 86.7 -48.0 -11.0 49.4 193	0.0 1.0	0.567	
195	185	194	0.0 1.0	0.99 86.8 -46.9 -12.5 48.6 195	0.0 1.0	0.919 86.3 -52.0 -4.5 52.3 185	0.0 1.0	0.583	0.0 1.0	0.983 86.8 -47.5 -11.8 49.0 194	0.0 1.0	0.583	
196	186	195	0.0 1.0	0.997 86.9 -46.3 -13.2 48.3 196	$C_d$ 0.0	1.0	0.926 86.4 -51.6 -5.3 52.0 186	0.0 1.0	0.6	0.0 1.0	0.99 86.8 -46.9 -12.5 48.6 195	0.0 1.0	0.6
197	187	196	0.0 0.997	1.0 86.6 -45.8 -13.9 48.0 197	0.0 1.0	0.933 86.4 -51.1 -6.2 51.6 187	0.0 1.0	0.617	0.0 1.0	0.997 86.9 -46.3 -13.2 48.3 196	0.0 1.0	0.617	
198	188	197	0.0 0.991	1.0 86.3 -45.3 -14.6 47.7 198	0.0 1.0	0.94 86.5 -50.6 -7.0 51.2 188	0.0 1.0	0.633	0.0 1.0	0.997 1.0 86.6 -45.8 -13.9 48.0 197	0.0 1.0	0.633	
199	189	198	0.0 0.986	1.0 85.9 -44.8 -15.4 47.5 199	0.0 1.0	0.947 86.5 -50.1 -7.9 50.8 189	0.0 1.0	0.65	0.0 1.0	0.991 1.0 86.3 -45.3 -14.6 47.7 198	0.0 1.0	0.65	
200	190	199	0.0 0.981	1.0 85.5 -44.3 -16.0 47.2 200	0.0 1.0	0.955 86.6 -49.6 -8.7 50.5 190	0.0 1.0	0.667	0.0 1.0	0.986 1.0 85.9 -44.8 -15.4 47.5 199	0.0 1.0	0.667	
201	191	200	0.0 0.975	1.0 85.1 -43.7 -16.7 47.0 201	0.0 1.0	0.962 86.6 -49.1 -9.5 50.1 191	0.0 1.0	0.683	0.0 1.0	0.981 1.0 85.5 -44.3 -16.0 47.2 200	0.0 1.0	0.683	
202	192	201	0.0 0.97	1.0 84.7 -43.2 -17.4 46.7 202	0.0 1.0	0.969 86.7 -48.6 -10.2 49.7 192	0.0 1.0	0.7	0.0 1.0	0.975 1.0 85.1 -43.7 -16.7 47.0 201	0.0 1.0	0.7	
203	193	201	0.0 0.965	1.0 84.4 -42.7 -18.0 46.4 203	0.0 1.0	0.976 86.7 -48.0 -11.0 49.4 193	0.0 1.0	0.717	0.0 1.0	0.975 1.0 85.1 -43.7 -16.7 47.0 201	0.0 1.0	0.717	
204	194	202	0.0 0.959	1.0 84.0 -42.1 -18.7 46.2 204	0.0 1.0	0.983 86.8 -47.5 -11.8 49.0 194	0.0 1.0	0.733	0.0 1.0	0.97 1.0 84.7 -43.2 -17.4 46.7 202	0.0 1.0	0.733	
205	195	203	0.0 0.954	1.0 83.6 -41.5 -19.3 45.9 205	0.0 1.0	0.99 86.8 -46.9 -12.5 48.6 195	0.0 1.0	0.75	0.0 1.0	0.965 1.0 84.4 -42.7 -18.0 46.4 203	0.0 1.0	0.75	
206	196	204	0.0 0.949	1.0 83.2 -41.0 -19.9 45.7 206	0.0 1.0	0.997 86.9 -46.3 -13.2 48.3 196	0.0 1.0	0.767	0.0 1.0	0.959 1.0 84.0 -42.1 -18.7 46.2 204	0.0 1.0	0.767	
207	197	205	0.0 0.943	1.0 82.9 -40.4 -20.5 45.4 207	0.0 1.0	0.997 1.0 86.6 -45.8 -13.9 48.0 197	0.0 1.0	0.783	0.0 1.0	0.954 1.0 83.6 -41.5 -19.3 45.9 205	0.0 1.0	0.783	
208	198	206	0.0 0.938	1.0 82.5 -39.8 -21.1 45.2 208	0.0 1.0	0.991 1.0 86.3 -45.3 -14.6 47.7 198	0.0 1.0	0.8	0.0 1.0	0.949 1.0 83.2 -41.0 -19.9 45.7 206	0.0 1.0	0.8	
209	199	207	0.0 0.933	1.0 82.1 -39.2 -21.7 44.9 209	0.0 1.0	0.986 1.0 85.9 -44.8 -15.4 47.5 199	0.0 1.0	0.817	0.0 1.0	0.943 1.0 82.9 -40.4 -20.5 45.4 207	0.0 1.0	0.817	
210	200	208	0.0 0.927	1.0 81.7 -38.6 -22.2 44.7 210	0.0 1.0	0.981 1.0 85.5 -44.3 -16.0 47.2 200	0.0 1.0	0.833	0.0 1.0	0.938 1.0 82.5 -39.8 -21.1 45.2 208	0.0 1.0	0.833	
211	201	209	0.0 0.922	1.0 81.3 -38.0 -22.8 44.4 211	0.0 1.0	0.975 1.0 85.1 -43.7 -16.7 47.0 201	0.0 1.0	0.85	0.0 1.0	0.933 1.0 82.1 -39.2 -21.7 44.9 209	0.0 1.0	0.85	
212	202	210	0.0 0.917	1.0 81.0 -37.3 -23.3 44.2 212	0.0 1.0	0.97 1.0 84.7 -43.2 -17.4 46.7 202	0.0 1.0	0.867	0.0 1.0	0.927 1.0 81.7 -38.6 -22.2 44.7 210	0.0 1.0	0.867	
213	203	211	0.0 0.911	1.0 80.6 -36.7 -23.8 43.9 213	0.0 1.0	0.965 1.0 84.4 -42.7 -18.0 46.4 203	0.0 1.0	0.883	0.0 1.0	0.922 1.0 81.3 -38.0 -22.8 44.4 211	0.0 1.0	0.883	
214	204	212	0.0 0.906	1.0 80.2 -36.1 -24.3 43.6 214	0.0 1.0	0.959 1.0 84.0 -42.1 -18.7 46.2 204	0.0 1.0	0.9	0.0 1.0	0.917 1.0 81.0 -37.3 -23.3 44.2 212	0.0 1.0	0.9	
215	205	212	0.0 0.901	1.0 79.8 -35.4 -24.8 43.4 215	0.0 1.0	0.954 1.0 83.6 -41.5 -19.3 45.9 205	0.0 1.0	0.917	0.0 1.0	0.917 1.0 81.0 -37.3 -23.3 44.2 212	0.0 1.0	0.917	
216	206	213	0.0 0.895	1.0 79.5 -34.8 -25.3 43.1 216	0.0 1.0	0.949 1.0 83.2 -41.0 -19.9 45.7 206	0.0 1.0	0.933	0.0 1.0	0.911 1.0 80.6 -36.7 -23.8 43.9 213	0.0 1.0	0.933	
217	207	214	0.0 0.89	1.0 79.1 -34.1 -25.7 42.9 217	0.0 1.0	0.943 1.0 82.9 -40.4 -20.5 45.4 207	0.0 1.0	0.95	0.0 1.0	0.906 1.0 80.2 -36.1 -24.3 43.6 214	0.0 1.0	0.95	
218	208	215	0.0 0.885	1.0 78.7 -33.5 -26.1 42.6 218	0.0 1.0	0.938 1.0 82.5 -39.8 -21.1 45.2 208	0.0 1.0	0.967	0.0 1.0	0.901 1.0 79.8 -35.4 -24.8 43.4 215	0.0 1.0	0.967	
219	209	216	0.0 0.879	1.0 78.3 -32.8 -26.6 42.4 219	0.0 1.0	0.933 1.0 82.1 -39.2 -21.7 44.9 209	0.0 1.0	0.983	0.0 1.0	0.895 1.0 79.5 -34.8 -25.3 43.1 216	0.0 1.0	0.983	
220	210	217	0.0 0.874	1.0 77.9 -32.2 -27.0 42.2 220	0.0 1.0	0.927 1.0 81.7 -38.6 -22.2 44.7 210	0.0 1.0	1.0C <sub>s</sub>	0.0 1.0	0.89 1.0 79.1 -34.1 -25.7 42.9 217	0.0 1.0	1.0C <sub>e</sub>	

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
220	210	217	0.0 0.874 1.0	77.9 -32.2 -27.0 42.2 220	0.0 0.927 1.0	81.7 -38.6 -22.2 44.7 210	0.0 1.0 1.0C <sub>s</sub>	0.0 0.89 1.0	79.1 -34.1 -25.7 42.9 217	0.0 1.0 1.0C <sub>e</sub>		
221	211	218	0.0 0.87 1.0	77.6 -31.8 -27.6 42.2 221	0.0 0.922 1.0	81.3 -38.0 -22.8 44.4 211	0.0 0.983 1.0	0.0 0.885 1.0	78.7 -33.5 -26.1 42.6 218	0.0 0.983 1.0		
222	212	219	0.0 0.865 1.0	77.3 -31.3 -28.2 42.3 222	0.0 0.917 1.0	81.0 -37.3 -23.3 44.2 212	0.0 0.967 1.0	0.0 0.879 1.0	78.3 -32.8 -26.6 42.4 219	0.0 0.967 1.0		
223	213	220	0.0 0.861 1.0	77.0 -30.9 -28.8 42.4 223	0.0 0.911 1.0	80.6 -36.7 -23.8 43.9 213	0.0 0.95 1.0	0.0 0.874 1.0	77.9 -32.2 -27.0 42.2 220	0.0 0.95 1.0		
224	214	221	0.0 0.856 1.0	76.7 -30.4 -29.4 42.5 224	0.0 0.906 1.0	80.2 -36.1 -24.3 43.6 214	0.0 0.933 1.0	0.0 0.87 1.0	77.6 -31.8 -27.6 42.2 221	0.0 0.933 1.0		
225	215	222	0.0 0.851 1.0	76.3 -30.0 -30.0 42.5 225	0.0 0.901 1.0	79.8 -35.4 -24.8 43.4 215	0.0 0.917 1.0	0.0 0.865 1.0	77.3 -31.3 -28.2 42.3 222	0.0 0.917 1.0		
226	216	222	0.0 0.847 1.0	76.0 -29.5 -30.6 42.6 226	0.0 0.895 1.0	79.5 -34.8 -25.3 43.1 216	0.0 0.9 1.0	0.0 0.865 1.0	77.3 -31.3 -28.2 42.3 222	0.0 0.9 1.0		
227	217	223	0.0 0.842 1.0	75.7 -29.0 -31.1 42.7 227	0.0 0.89 1.0	79.1 -34.1 -25.7 42.9 217	0.0 0.883 1.0	0.0 0.861 1.0	77.0 -30.9 -28.8 42.4 223	0.0 0.883 1.0		
228	218	224	0.0 0.838 1.0	75.4 -28.5 -31.7 42.8 228	0.0 0.885 1.0	78.7 -33.5 -26.1 42.6 218	0.0 0.867 1.0	0.0 0.856 1.0	76.7 -30.4 -29.4 42.5 224	0.0 0.867 1.0		
229	219	225	0.0 0.833 1.0	75.0 -28.0 -32.2 42.8 229	0.0 0.879 1.0	78.3 -32.8 -26.6 42.4 219	0.0 0.85 1.0	0.0 0.851 1.0	76.3 -30.0 -30.0 42.5 225	0.0 0.85 1.0		
230	220	226	0.0 0.829 1.0	74.7 -27.5 -32.8 42.9 230	0.0 0.874 1.0	77.9 -32.2 -27.0 42.2 220	0.0 0.833 1.0	0.0 0.847 1.0	76.0 -29.5 -30.6 42.6 226	0.0 0.833 1.0		
231	221	227	0.0 0.824 1.0	74.4 -26.9 -33.3 43.0 231	0.0 0.87 1.0	77.6 -31.8 -27.6 42.2 221	0.0 0.817 1.0	0.0 0.842 1.0	75.7 -29.0 -31.1 42.7 227	0.0 0.817 1.0		
232	222	228	0.0 0.82 1.0	74.1 -26.4 -33.8 43.1 232	0.0 0.865 1.0	77.3 -31.3 -28.2 42.3 222	0.0 0.8 1.0	0.0 0.838 1.0	75.4 -28.5 -31.7 42.8 228	0.0 0.8 1.0		
233	223	229	0.0 0.815 1.0	73.7 -25.9 -34.3 43.1 233	0.0 0.861 1.0	77.0 -30.9 -28.8 42.4 223	0.0 0.783 1.0	0.0 0.833 1.0	75.0 -28.0 -32.2 42.8 229	0.0 0.783 1.0		
234	224	230	0.0 0.81 1.0	73.4 -25.3 -34.9 43.2 234	0.0 0.856 1.0	76.7 -30.4 -29.4 42.5 224	0.0 0.767 1.0	0.0 0.829 1.0	74.7 -27.5 -32.8 42.9 230	0.0 0.767 1.0		
235	225	231	0.0 0.806 1.0	73.1 -24.7 -35.4 43.3 235	0.0 0.851 1.0	76.3 -30.0 -30.0 42.5 225	0.0 0.75 1.0	0.0 0.824 1.0	74.4 -26.9 -33.3 43.0 231	0.0 0.75 1.0		
236	226	232	0.0 0.801 1.0	72.8 -24.1 -35.8 43.4 236	0.0 0.847 1.0	76.0 -29.5 -30.6 42.6 226	0.0 0.733 1.0	0.0 0.82 1.0	74.1 -26.4 -33.8 43.1 232	0.0 0.733 1.0		
237	227	232	0.0 0.797 1.0	72.4 -23.6 -36.3 43.4 237	0.0 0.842 1.0	75.7 -29.0 -31.1 42.7 227	0.0 0.717 1.0	0.0 0.82 1.0	74.1 -26.4 -33.8 43.1 232	0.0 0.717 1.0		
238	228	233	0.0 0.792 1.0	72.1 -23.0 -36.8 43.5 238	0.0 0.838 1.0	75.4 -28.5 -31.7 42.8 228	0.0 0.7 1.0	0.0 0.815 1.0	73.7 -25.9 -34.3 43.1 233	0.0 0.7 1.0		
239	229	234	0.0 0.788 1.0	71.8 -22.3 -37.2 43.6 239	0.0 0.833 1.0	75.0 -28.0 -32.2 42.8 229	0.0 0.683 1.0	0.0 0.81 1.0	73.4 -25.3 -34.9 43.2 234	0.0 0.683 1.0		
240	230	235	0.0 0.783 1.0	71.5 -21.7 -37.7 43.6 240	0.0 0.829 1.0	74.7 -27.5 -32.8 42.9 230	0.0 0.667 1.0	0.0 0.806 1.0	73.1 -24.7 -35.4 43.3 235	0.0 0.667 1.0		
241	231	236	0.0 0.779 1.0	71.1 -21.1 -38.1 43.7 241	0.0 0.824 1.0	74.4 -26.9 -33.3 43.0 231	0.0 0.65 1.0	0.0 0.801 1.0	72.8 -24.1 -35.8 43.4 236	0.0 0.65 1.0		
242	232	237	0.0 0.774 1.0	70.8 -20.5 -38.6 43.8 242	0.0 0.82 1.0	74.1 -26.4 -33.8 43.1 232	0.0 0.633 1.0	0.0 0.797 1.0	72.4 -23.6 -36.3 43.4 237	0.0 0.633 1.0		
243	233	238	0.0 0.769 1.0	70.5 -19.8 -39.0 43.9 243	0.0 0.815 1.0	73.7 -25.9 -34.3 43.1 233	0.0 0.617 1.0	0.0 0.792 1.0	72.1 -23.0 -36.8 43.5 238	0.0 0.617 1.0		
244	234	239	0.0 0.765 1.0	70.2 -19.2 -39.4 43.9 244	0.0 0.81 1.0	73.4 -25.3 -34.9 43.2 234	0.0 0.6 1.0	0.0 0.788 1.0	71.8 -22.3 -37.2 43.6 239	0.0 0.6 1.0		
245	235	240	0.0 0.76 1.0	69.8 -18.5 -39.8 44.0 245	0.0 0.806 1.0	73.1 -24.7 -35.4 43.3 235	0.0 0.583 1.0	0.0 0.783 1.0	71.5 -21.7 -37.7 43.6 240	0.0 0.583 1.0		
246	236	241	0.0 0.756 1.0	69.5 -17.8 -40.2 44.1 246	0.0 0.801 1.0	72.8 -24.1 -35.8 43.4 236	0.0 0.567 1.0	0.0 0.779 1.0	71.1 -21.1 -38.1 43.7 241	0.0 0.567 1.0		
247	237	242	0.0 0.751 1.0	69.2 -17.2 -40.6 44.2 247	0.0 0.797 1.0	72.4 -23.6 -36.3 43.4 237	0.0 0.55 1.0	0.0 0.774 1.0	70.8 -20.5 -38.6 43.8 242	0.0 0.55 1.0		
248	238	243	0.0 0.746 1.0	68.8 -16.6 -41.2 44.5 248	0.0 0.792 1.0	72.1 -23.0 -36.8 43.5 238	0.0 0.533 1.0	0.0 0.769 1.0	70.5 -19.8 -39.0 43.9 243	0.0 0.533 1.0		
249	239	243	0.0 0.74 1.0	68.4 -16.0 -41.9 45.0 249	0.0 0.788 1.0	71.8 -22.3 -37.2 43.6 239	0.0 0.517 1.0	0.0 0.769 1.0	70.5 -19.8 -39.0 43.9 243	0.0 0.517 1.0		
250	240	244	0.0 0.735 1.0	68.0 -15.4 -42.6 45.5 250	0.0 0.783 1.0	71.5 -21.7 -37.7 43.6 240	0.0 0.5 1.0	0.0 0.765 1.0	70.2 -19.2 -39.4 43.9 244	0.0 0.5 1.0		
251	241	245	0.0 0.729 1.0	67.7 -14.8 -43.3 45.9 251	0.0 0.779 1.0	71.1 -21.1 -38.1 43.7 241	0.0 0.483 1.0	0.0 0.76 1.0	69.8 -18.5 -39.8 44.0 245	0.0 0.483 1.0		
252	242	246	0.0 0.724 1.0	67.3 -14.2 -44.0 46.4 252	0.0 0.774 1.0	70.8 -20.5 -38.6 43.8 242	0.0 0.467 1.0	0.0 0.756 1.0	69.5 -17.8 -40.2 44.1 246	0.0 0.467 1.0		
253	243	247	0.0 0.718 1.0	66.9 -13.6 -44.7 46.8 253	0.0 0.769 1.0	70.5 -19.8 -39.0 43.9 243	0.0 0.45 1.0	0.0 0.751 1.0	69.2 -17.2 -40.6 44.2 247	0.0 0.45 1.0		
254	244	248	0.0 0.713 1.0	66.5 -12.9 -45.4 47.3 254	0.0 0.765 1.0	70.2 -19.2 -39.4 43.9 244	0.0 0.433 1.0	0.0 0.746 1.0	68.8 -16.6 -41.2 44.5 248	0.0 0.433 1.0		
255	245	249	0.0 0.707 1.0	66.1 -12.3 -46.0 47.8 255	0.0 0.76 1.0	69.8 -18.5 -39.8 44.0 245	0.0 0.417 1.0	0.0 0.74 1.0	68.4 -16.0 -41.9 45.0 249	0.0 0.417 1.0		
256	246	250	0.0 0.702 1.0	65.7 -11.6 -46.7 48.2 256	0.0 0.756 1.0	69.5 -17.8 -40.2 44.1 246	0.0 0.4 1.0	0.0 0.735 1.0	68.0 -15.4 -42.6 45.5 250	0.0 0.4 1.0		
257	247	251	0.0 0.696 1.0	65.3 -10.9 -47.3 48.7 257	0.0 0.751 1.0	69.2 -17.2 -40.6 44.2 247	0.0 0.383 1.0	0.0 0.729 1.0	67.7 -14.8 -43.3 45.9 251	0.0 0.383 1.0		
258	248	252	0.0 0.691 1.0	64.9 -10.1 -48.0 49.1 258	0.0 0.746 1.0	68.8 -16.6 -41.2 44.5 248	0.0 0.367 1.0	0.0 0.724 1.0	67.3 -14.2 -44.0 46.4 252	0.0 0.367 1.0		
259	249	253	0.0 0.685 1.0	64.5 -9.4 -48.6 49.6 259	0.0 0.74 1.0	68.4 -16.0 -41.9 45.0 249	0.0 0.35 1.0	0.0 0.718 1.0	66.9 -13.6 -44.7 46.8 253	0.0 0.35 1.0		
260	250	253	0.0 0.679 1.0	64.2 -8.6 -49.2 50.1 260	0.0 0.735 1.0	68.0 -15.4 -42.6 45.5 250	0.0 0.333 1.0	0.0 0.718 1.0	66.9 -13.6 -44.7 46.8 253	0.0 0.333 1.0		
261	251	254	0.0 0.674 1.0	63.8 -7.8 -49.8 50.5 261	0.0 0.729 1.0	67.7 -14.8 -43.3 45.9 251	0.0 0.317 1.0	0.0 0.713 1.0	66.5 -12.9 -45.4 47.3 254	0.0 0.317 1.0		
262	252	255	0.0 0.668 1.0	63.4 -7.0 -50.4 51.0 262	0.0 0.724 1.0	67.3 -14.2 -44.0 46.4 252	0.0 0.3 1.0	0.0 0.707 1.0	66.1 -12.3 -46.0 47.8 255	0.0 0.3 1.0		
263	253	256	0.0 0.663 1.0	63.0 -6.2 -51.0 51.5 263	0.0 0.718 1.0	66.9 -13.6 -44.7 46.8 253	0.0 0.283 1.0	0.0 0.702 1.0	65.7 -11.6 -46.7 48.2 256	0.0 0.283 1.0		
264	254	257	0.0 0.657 1.0	62.6 -5.3 -51.5 51.9 264	0.0 0.713 1.0	66.5 -12.9 -45.4 47.3 254	0.0 0.267 1.0	0.0 0.696 1.0	65.3 -10.9 -47.3 48.7 257	0.0 0.267 1.0		
265	255	258	0.0 0.652 1.0	62.2 -4.5 -52.1 52.4 265	0.0 0.707 1.0	66.1 -12.3 -46.0 47.8 255	0.0 0.25 1.0	0.0 0.691 1.0	64.9 -10.1 -48.0 49.1 258	0.0 0.25 1.0		

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
265	255	258	0.0 0.652 1.0	62.2 -4.5 -52.1 52.4 265	0.0 0.707 1.0	66.1 -12.3 -46.0 47.8 255	0.0 0.25 1.0	0.0 0.691 1.0	64.9 -10.1 -48.0 49.1 258	0.0 0.25 1.0	0.0 0.25	0.0 0.25
266	256	259	0.0 0.646 1.0	61.8 -3.6 -52.6 52.8 266	0.0 0.702 1.0	65.7 -11.6 -46.7 48.2 256	0.0 0.233 1.0	0.0 0.685 1.0	64.5 -9.4 -48.6 49.6 259	0.0 0.233 1.0	0.0 0.233	0.0 0.233
267	257	260	0.0 0.641 1.0	61.4 -2.7 -53.1 53.3 267	0.0 0.696 1.0	65.3 -10.9 -47.3 48.7 257	0.0 0.217 1.0	0.0 0.679 1.0	64.2 -8.6 -49.2 50.1 260	0.0 0.217 1.0	0.0 0.217	0.0 0.217
268	258	261	0.0 0.635 1.0	61.0 -1.8 -53.6 53.8 268	0.0 0.691 1.0	64.9 -10.1 -48.0 49.1 258	0.0 0.2 1.0	0.0 0.674 1.0	63.8 -7.8 -49.8 50.5 261	0.0 0.2 1.0	0.0 0.2	0.0 0.2
269	259	262	0.0 0.63 1.0	60.6 -0.8 -54.1 54.2 269	0.0 0.685 1.0	64.5 -9.4 -48.6 49.6 259	0.0 0.183 1.0	0.0 0.668 1.0	63.4 -7.0 -50.4 51.0 262	0.0 0.183 1.0	0.0 0.183	0.0 0.183
270	260	263	0.0 0.624 1.0	60.2 0.0 -54.7 54.8 270	0.0 0.679 1.0	64.2 -8.6 -49.2 50.1 260	0.0 0.167 1.0	0.0 0.663 1.0	63.0 -6.2 -51.0 51.5 263	0.0 0.167 1.0	0.0 0.167	0.0 0.167
271	261	264	0.0 0.615 1.0	59.7 1.0 -55.7 55.9 271	0.0 0.674 1.0	63.8 -7.8 -49.8 50.5 261	0.0 0.15 1.0	0.0 0.657 1.0	62.6 -5.3 -51.5 51.9 264	0.0 0.15 1.0	0.0 0.15	0.0 0.15
272	262	264	0.0 0.607 1.0	59.1 2.0 -56.8 56.9 272	0.0 0.668 1.0	63.4 -7.0 -50.4 51.0 262	0.0 0.133 1.0	0.0 0.657 1.0	62.6 -5.3 -51.5 51.9 264	0.0 0.133 1.0	0.0 0.133	0.0 0.133
273	263	265	0.0 0.599 1.0	58.5 3.0 -57.8 58.0 273	0.0 0.663 1.0	63.0 -6.2 -51.0 51.5 263	0.0 0.117 1.0	0.0 0.652 1.0	62.2 -4.5 -52.1 52.4 265	0.0 0.117 1.0	0.0 0.117	0.0 0.117
274	264	266	0.0 0.591 1.0	58.0 4.1 -58.8 59.0 274	0.0 0.657 1.0	62.6 -5.3 -51.5 51.9 264	0.0 0.1 1.0	0.0 0.646 1.0	61.8 -3.6 -52.6 52.8 266	0.0 0.1 1.0	0.0 0.1	0.0 0.1
275	265	267	0.0 0.583 1.0	57.4 5.2 -59.8 60.1 275	0.0 0.652 1.0	62.2 -4.5 -52.1 52.4 265	0.0 0.083 1.0	0.0 0.641 1.0	61.4 -2.7 -53.1 53.3 267	0.0 0.083 1.0	0.0 0.083	0.0 0.083
276	266	268	0.0 0.574 1.0	56.9 6.4 -60.7 61.2 276	0.0 0.646 1.0	61.8 -3.6 -52.6 52.8 266	0.0 0.067 1.0	0.0 0.635 1.0	61.0 -1.8 -53.6 53.8 268	0.0 0.067 1.0	0.0 0.067	0.0 0.067
277	267	269	0.0 0.566 1.0	56.3 7.6 -61.7 62.2 277	0.0 0.641 1.0	61.4 -2.7 -53.1 53.3 267	0.0 0.05 1.0	0.0 0.63 1.0	60.6 -0.8 -54.1 54.2 269	0.0 0.05 1.0	0.0 0.05	0.0 0.05
278	268	270	0.0 0.558 1.0	55.7 8.8 -62.6 63.3 278	0.0 0.635 1.0	61.0 -1.8 -53.6 53.8 268	0.0 0.033 1.0	0.0 0.624 1.0	60.2 0.0 -54.7 54.8 270	0.0 0.033 1.0	0.0 0.033	0.0 0.033
279	269	271	0.0 0.55 1.0	55.2 10.1 -63.5 64.3 279	0.0 0.63 1.0	60.6 -0.8 -54.1 54.2 269	0.0 0.017 1.0	0.0 0.615 1.0	59.7 1.0 -55.7 55.9 271	0.0 0.017 1.0	0.0 0.017	0.0 0.017
280	270	272	0.0 0.541 1.0	54.6 11.4 -64.3 65.4 280	0.0 0.624 1.0	60.2 0.0 -54.7 54.8 270	0.0 0.0 1.0	1.0 $B_s$	0.0 0.607 1.0	59.1 2.0 -56.8 56.9 272	0.0 0.0 1.0	1.0 $B_e$
281	271	273	0.0 0.533 1.0	54.1 12.7 -65.1 66.5 281	0.0 0.615 1.0	59.7 1.0 -55.7 55.9 271	0.0 0.017 1.0	1.0 0.0	0.0 0.599 1.0	58.5 3.0 -57.8 58.0 273	0.0 0.017 1.0	1.0 0.0
282	272	274	0.0 0.525 1.0	53.5 14.0 -66.0 67.5 282	0.0 0.607 1.0	59.1 2.0 -56.8 56.9 272	0.0 0.033 1.0	1.0 0.0	0.0 0.591 1.0	58.0 4.1 -58.8 59.0 274	0.0 0.033 1.0	1.0 0.0
283	273	275	0.0 0.517 1.0	52.9 15.4 -66.7 68.6 283	0.0 0.599 1.0	58.5 3.0 -57.8 58.0 273	0.0 0.05 1.0	1.0 0.0	0.0 0.583 1.0	57.4 5.2 -59.8 60.1 275	0.0 0.05 1.0	1.0 0.0
284	274	276	0.0 0.508 1.0	52.4 16.9 -67.5 69.7 284	0.0 0.591 1.0	58.0 4.1 -58.8 59.0 274	0.0 0.067 1.0	1.0 0.0	0.0 0.574 1.0	56.9 6.4 -60.7 61.2 276	0.0 0.067 1.0	1.0 0.0
285	275	276	0.0 0.5 1.0	51.8 18.3 -68.2 70.7 285	0.0 0.583 1.0	57.4 5.2 -59.8 60.1 275	0.0 0.083 1.0	1.0 0.0	0.0 0.574 1.0	56.9 6.4 -60.7 61.2 276	0.0 0.083 1.0	1.0 0.0
286	276	277	0.0 0.488 1.0	51.0 20.0 -69.7 72.6 286	0.0 0.574 1.0	56.9 6.4 -60.7 61.2 276	0.0 0.1 1.0	1.0 0.0	0.0 0.566 1.0	56.3 7.6 -61.7 62.2 277	0.0 0.1 1.0	1.0 0.0
287	277	278	0.0 0.475 1.0	50.2 21.8 -71.2 74.5 287	0.0 0.566 1.0	56.3 7.6 -61.7 62.2 277	0.0 0.117 1.0	1.0 0.0	0.0 0.558 1.0	55.7 8.8 -62.6 63.3 278	0.0 0.117 1.0	1.0 0.0
288	278	279	0.0 0.462 1.0	49.4 23.6 -72.6 76.4 288	0.0 0.558 1.0	55.7 8.8 -62.6 63.3 278	0.0 0.133 1.0	1.0 0.0	0.0 0.55 1.0	55.2 10.1 -63.5 64.3 279	0.0 0.133 1.0	1.0 0.0
289	279	280	0.0 0.45 1.0	48.6 25.5 -74.0 78.3 289	0.0 0.55 1.0	55.2 10.1 -63.5 64.3 279	0.0 0.15 1.0	1.0 0.0	0.0 0.541 1.0	54.6 11.4 -64.3 65.4 280	0.0 0.15 1.0	1.0 0.0
290	280	281	0.0 0.437 1.0	47.8 27.4 -75.3 80.2 290	0.0 0.541 1.0	54.6 11.4 -64.3 65.4 280	0.0 0.167 1.0	1.0 0.0	0.0 0.533 1.0	54.1 12.7 -65.1 66.5 281	0.0 0.167 1.0	1.0 0.0
291	281	282	0.0 0.424 1.0	47.0 29.4 -76.6 82.1 291	0.0 0.533 1.0	54.1 12.7 -65.1 66.5 281	0.0 0.183 1.0	1.0 0.0	0.0 0.525 1.0	53.5 14.0 -66.0 67.5 282	0.0 0.183 1.0	1.0 0.0
292	282	283	0.0 0.412 1.0	46.2 31.5 -77.8 84.1 292	0.0 0.525 1.0	53.5 14.0 -66.0 67.5 282	0.0 0.2 1.0	1.0 0.0	0.0 0.517 1.0	52.9 15.4 -66.7 68.6 283	0.0 0.2 1.0	1.0 0.0
293	283	284	0.0 0.399 1.0	45.4 33.6 -79.0 86.0 293	0.0 0.517 1.0	52.9 15.4 -66.7 68.6 283	0.0 0.217 1.0	1.0 0.0	0.0 0.508 1.0	52.4 16.9 -67.5 69.7 284	0.0 0.217 1.0	1.0 0.0
294	284	285	0.0 0.386 1.0	44.6 35.7 -80.2 87.9 294	0.0 0.508 1.0	52.4 16.9 -67.5 69.7 284	0.0 0.233 1.0	1.0 0.0	0.0 0.5 1.0	51.8 18.3 -68.2 70.7 285	0.0 0.233 1.0	1.0 0.0
295	285	286	0.0 0.373 1.0	43.7 38.0 -81.4 89.9 295	0.0 0.5 1.0	51.8 18.3 -68.2 70.7 285	0.0 0.25 1.0	1.0 0.0	0.0 0.488 1.0	51.0 20.0 -69.7 72.6 286	0.0 0.25 1.0	1.0 0.0
296	286	287	0.0 0.353 1.0	42.7 40.7 -83.3 92.8 296	0.0 0.488 1.0	51.0 20.0 -69.7 72.6 286	0.0 0.267 1.0	1.0 0.0	0.0 0.475 1.0	50.2 21.8 -71.2 74.5 287	0.0 0.267 1.0	1.0 0.0
297	287	288	0.0 0.333 1.0	41.6 43.5 -85.2 95.7 297	0.0 0.475 1.0	50.2 21.8 -71.2 74.5 287	0.0 0.283 1.0	1.0 0.0	0.0 0.462 1.0	49.4 23.6 -72.6 76.4 288	0.0 0.283 1.0	1.0 0.0
298	288	289	0.0 0.313 1.0	40.5 46.3 -87.0 98.6 298	0.0 0.462 1.0	49.4 23.6 -72.6 76.4 288	0.0 0.3 1.0	1.0 0.0	0.0 0.45 1.0	48.6 25.5 -74.0 78.3 289	0.0 0.3 1.0	1.0 0.0
299	289	290	0.0 0.293 1.0	39.5 49.2 -88.7 101.5 299	0.0 0.45 1.0	48.6 25.5 -74.0 78.3 289	0.0 0.317 1.0	1.0 0.0	0.0 0.437 1.0	47.8 27.4 -75.3 80.2 290	0.0 0.317 1.0	1.0 0.0
300	290	291	0.0 0.274 1.0	38.4 52.2 -90.4 104.5 300	0.0 0.437 1.0	47.8 27.4 -75.3 80.2 290	0.0 0.333 1.0	1.0 0.0	0.0 0.424 1.0	47.0 29.4 -76.6 82.1 291	0.0 0.333 1.0	1.0 0.0
301	291	292	0.0 0.254 1.0	37.4 55.3 -91.9 107.4 301	0.0 0.424 1.0	47.0 29.4 -76.6 82.1 291	0.0 0.35 1.0	1.0 0.0	0.0 0.412 1.0	46.2 31.5 -77.8 84.1 292	0.0 0.35 1.0	1.0 0.0
302	292	293	0.0 0.222 1.0	36.1 58.8 -94.1 111.0 302	0.0 0.412 1.0	46.2 31.5 -77.8 84.1 292	0.0 0.367 1.0	1.0 0.0	0.0 0.399 1.0	45.4 33.6 -79.0 86.0 293	0.0 0.367 1.0	1.0 0.0
303	293	294	0.0 0.188 1.0	34.8 62.6 -96.3 114.9 303	0.0 0.399 1.0	45.4 33.6 -79.0 86.0 293	0.0 0.383 1.0	1.0 0.0	0.0 0.386 1.0	44.6 35.7 -80.2 87.9 294	0.0 0.383 1.0	1.0 0.0
304	294	294	0.0 0.153 1.0	33.5 66.4 -98.4 118.8 304	0.0 0.386 1.0	44.6 35.7 -80.2 87.9 294	0.0 0.4 1.0	1.0 0.0	0.0 0.386 1.0	44.6 35.7 -80.2 87.9 294	0.0 0.4 1.0	1.0 0.0
305	295	295	0.0 0.109 1.0	32.2 70.4 -100.4122.7 305	0.0 0.373 1.0	43.7 38.0 -81.4 89.9 295	0.0 0.417 1.0	1.0 0.0	0.0 0.373 1.0	43.7 38.0 -81.4 89.9 295	0.0 0.417 1.0	1.0 0.0
306	296	296	0.0 0.024 1.0	30.8 74.8 -102.8127.2 306 $B_d$	0.0 0.353 1.0	42.7 40.7 -83.3 92.8 296	0.0 0.433 1.0	1.0 0.0	0.0 0.353 1.0	42.7 40.7 -83.3 92.8 296	0.0 0.433 1.0	1.0 0.0
307	297	297	0.172 0.0 1.0	31.6 76.5 -101.4127.1 307	0.0 0.333 1.0	41.6 43.5 -85.2 95.7 297	0.0 0.45 1.0	1.0 0.0	0.0 0.333 1.0	41.6 43.5 -85.2 95.7 297	0.0 0.45 1.0	1.0 0.0
308	298	298	0.282 0.0 1.0	33.2 77.2 -98.6 125.3 308	0.0 0.313 1.0	40.5 46.3 -87.0 98.6 298	0.0 0.467 1.0	1.0 0.0	0.0 0.313 1.0	40.5 46.3 -87.0 98.6 298	0.0 0.467 1.0	1.0 0.0
309	299	299	0.357 0.0 1.0	34.8 77.8 -96.0 123.7 309	0.0 0.293 1.0	39.5 49.2 -88.7 101.5 299	0.0 0.483 1.0	1.0 0.0	0.0 0.293 1.0	39.5 49.2 -88.7 101.5 299	0.0 0.483 1.0	1.0 0.0
310	300	300	0.414 0.0 1.0	36.2 78.6 -93.6 122.3 310	0.0 0.274 1.0	38.4 52.2 -90.4 104.5 300	0.0 0.5 1.0	1.0 0.0	0.0 0.274 1.0	38.4 52.2 -90.4 104.5 300	0.0 0.5 1.0	1.0 0.0

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

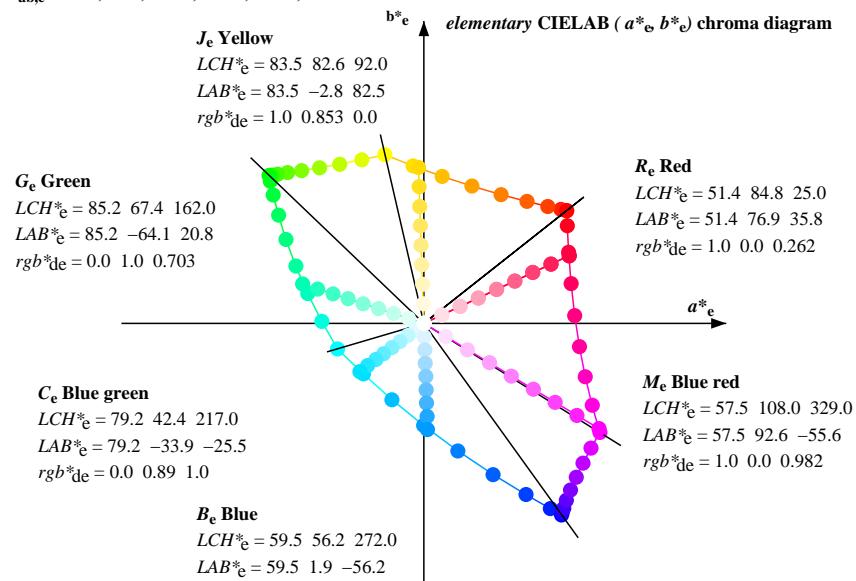
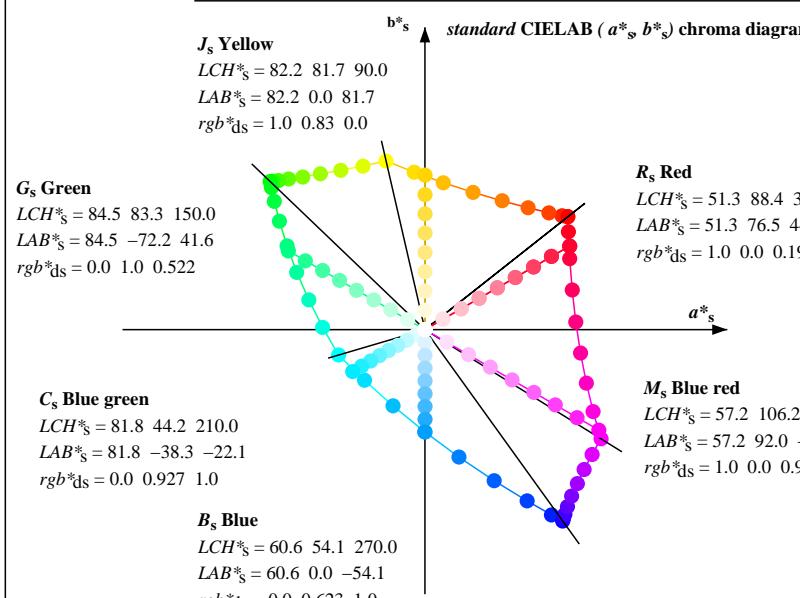
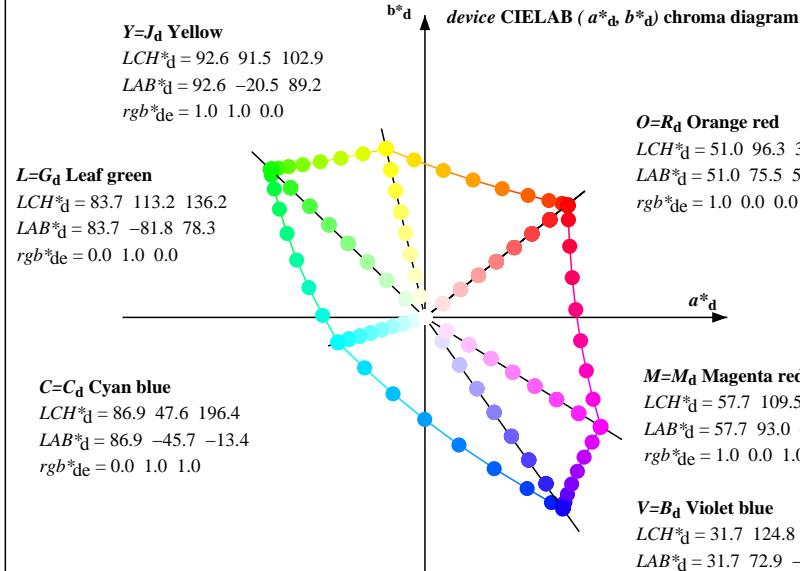
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
310	300	300	0.414 0.0 1.0	36.2 78.6 -93.6 122.3 310	0.0 0.274 1.0	38.4 52.2 -90.4 104.5 300	0.5 0.0 1.0	0.0 0.274 1.0	38.4 52.2 -90.4 104.5 300	0.5 0.0 1.0	0.0 0.274 1.0	38.4 52.2 -90.4 104.5 300	
311	301	301	0.465 0.0 1.0	37.6 79.4 -91.2 121.0 311	0.0 0.254 1.0	37.4 55.3 -91.9 107.4 301	0.517 0.0 1.0	0.0 0.254 1.0	37.4 55.3 -91.9 107.4 301	0.517 0.0 1.0	0.0 0.254 1.0	37.4 55.3 -91.9 107.4 301	
312	302	302	0.513 0.0 1.0	39.0 80.1 -88.9 119.8 312	0.0 0.222 1.0	36.1 58.8 -94.1 111.0 302	0.533 0.0 1.0	0.0 0.222 1.0	36.1 58.8 -94.1 111.0 302	0.533 0.0 1.0	0.0 0.222 1.0	36.1 58.8 -94.1 111.0 302	
313	303	303	0.551 0.0 1.0	40.3 81.0 -86.8 118.8 313	0.0 0.188 1.0	34.8 62.6 -96.3 114.9 303	0.55 0.0 1.0	0.0 0.188 1.0	34.8 62.6 -96.3 114.9 303	0.55 0.0 1.0	0.0 0.188 1.0	34.8 62.6 -96.3 114.9 303	
314	304	304	0.59 0.0 1.0	41.6 81.8 -84.6 117.8 314	0.0 0.153 1.0	33.5 66.4 -98.4 118.8 304	0.567 0.0 1.0	0.0 0.153 1.0	33.5 66.4 -98.4 118.8 304	0.567 0.0 1.0	0.0 0.153 1.0	33.5 66.4 -98.4 118.8 304	
315	305	305	0.628 0.0 1.0	42.8 82.6 -82.5 116.8 315	0.0 0.109 1.0	32.2 70.4 -100.4122.7 305	0.583 0.0 1.0	0.0 0.109 1.0	32.2 70.4 -100.4122.7 305	0.583 0.0 1.0	0.0 0.109 1.0	32.2 70.4 -100.4122.7 305	
316	306	306	0.66 0.0 1.0	44.0 83.5 -80.6 116.1 316	0.0 0.024 1.0	30.8 74.8 -102.8127.2 306	0.6 0.0 1.0	0.0 0.024 1.0	30.8 74.8 -102.8127.2 306	0.6 0.0 1.0	0.0 0.024 1.0	30.8 74.8 -102.8127.2 306	
317	307	307	0.692 0.0 1.0	45.2 84.4 -78.6 115.4 317	0.172 0.0 1.0	31.6 76.5 -101.4127.1 307	0.617 0.0 1.0	0.172 0.0 1.0	31.6 76.5 -101.4127.1 307	0.617 0.0 1.0	0.172 0.0 1.0	31.6 76.5 -101.4127.1 307	
318	308	308	0.724 0.0 1.0	46.3 85.2 -76.6 114.7 318	0.282 0.0 1.0	33.2 77.2 -98.6 125.3 308	0.633 0.0 1.0	0.282 0.0 1.0	33.2 77.2 -98.6 125.3 308	0.633 0.0 1.0	0.282 0.0 1.0	33.2 77.2 -98.6 125.3 308	
319	309	309	0.755 0.0 1.0	47.5 86.0 -74.7 114.0 319	0.357 0.0 1.0	34.8 77.8 -96.0 123.7 309	0.65 0.0 1.0	0.357 0.0 1.0	34.8 77.8 -96.0 123.7 309	0.65 0.0 1.0	0.357 0.0 1.0	34.8 77.8 -96.0 123.7 309	
320	310	310	0.783 0.0 1.0	48.6 87.0 -72.9 113.6 320	0.414 0.0 1.0	36.2 78.6 -93.6 122.3 310	0.667 0.0 1.0	0.414 0.0 1.0	36.2 78.6 -93.6 122.3 310	0.667 0.0 1.0	0.414 0.0 1.0	36.2 78.6 -93.6 122.3 310	
321	311	311	0.81 0.0 1.0	49.7 87.9 -71.1 113.1 321	0.465 0.0 1.0	37.6 79.4 -91.2 121.0 311	0.683 0.0 1.0	0.465 0.0 1.0	37.6 79.4 -91.2 121.0 311	0.683 0.0 1.0	0.465 0.0 1.0	37.6 79.4 -91.2 121.0 311	
322	312	312	0.838 0.0 1.0	50.7 88.8 -69.3 112.7 322	0.513 0.0 1.0	39.0 80.1 -88.9 119.8 312	0.7 0.0 1.0	0.513 0.0 1.0	39.0 80.1 -88.9 119.8 312	0.7 0.0 1.0	0.513 0.0 1.0	39.0 80.1 -88.9 119.8 312	
323	313	312	0.866 0.0 1.0	51.8 89.6 -67.4 112.2 323	0.551 0.0 1.0	40.3 81.0 -86.8 118.8 313	0.717 0.0 1.0	0.513 0.0 1.0	39.0 80.1 -88.9 119.8 312	0.717 0.0 1.0	0.513 0.0 1.0	39.0 80.1 -88.9 119.8 312	
324	314	313	0.892 0.0 1.0	52.9 90.5 -65.7 111.9 324	0.59 0.0 1.0	41.6 81.8 -84.6 117.8 314	0.733 0.0 1.0	0.551 0.0 1.0	40.3 81.0 -86.8 118.8 313	0.733 0.0 1.0	0.551 0.0 1.0	40.3 81.0 -86.8 118.8 313	
325	315	314	0.918 0.0 1.0	53.9 91.5 -64.0 111.7 325	0.628 0.0 1.0	42.8 82.6 -82.5 116.8 315	0.75 0.0 1.0	0.59 0.0 1.0	41.6 81.8 -84.6 117.8 314	0.75 0.0 1.0	0.59 0.0 1.0	41.6 81.8 -84.6 117.8 314	
326	316	315	0.943 0.0 1.0	55.0 92.4 -62.2 111.5 326	0.66 0.0 1.0	44.0 83.5 -80.6 116.1 316	0.767 0.0 1.0	0.628 0.0 1.0	42.8 82.6 -82.5 116.8 315	0.767 0.0 1.0	0.628 0.0 1.0	42.8 82.6 -82.5 116.8 315	
327	317	316	0.969 0.0 1.0	56.0 93.3 -60.5 111.3 327	0.692 0.0 1.0	45.2 84.4 -78.6 115.4 317	0.783 0.0 1.0	0.66 0.0 1.0	44.0 83.5 -80.6 116.1 316	0.783 0.0 1.0	0.66 0.0 1.0	44.0 83.5 -80.6 116.1 316	
328	318	317	0.994 0.0 1.0	57.1 94.2 -58.7 111.0 328	$M_d$	0.724 0.0 1.0	46.3 85.2 -76.6 114.7 318	0.8 0.0 1.0	0.692 0.0 1.0	45.2 84.4 -78.6 115.4 317	0.8 0.0 1.0	0.692 0.0 1.0	45.2 84.4 -78.6 115.4 317
329	319	318	1.0 0.0	0.984 57.1 93.9 -56.4 109.6 329		0.755 0.0 1.0	47.5 86.0 -74.7 114.0 319	0.817 0.0 1.0	0.724 0.0 1.0	46.3 85.2 -76.6 114.7 318	0.817 0.0 1.0	0.724 0.0 1.0	46.3 85.2 -76.6 114.7 318
330	320	319	1.0 0.0	0.962 56.8 93.4 -53.8 107.8 330		0.783 0.0 1.0	48.6 87.0 -72.9 113.6 320	0.833 0.0 1.0	0.755 0.0 1.0	47.5 86.0 -74.7 114.0 319	0.833 0.0 1.0	0.755 0.0 1.0	47.5 86.0 -74.7 114.0 319
331	321	320	1.0 0.0	0.941 56.5 92.7 -51.3 106.0 331		0.81 0.0 1.0	49.7 87.9 -71.1 113.1 321	0.85 0.0 1.0	0.783 0.0 1.0	48.6 87.0 -72.9 113.6 320	0.85 0.0 1.0	0.783 0.0 1.0	48.6 87.0 -72.9 113.6 320
332	322	321	1.0 0.0	0.919 56.2 92.0 -48.8 104.2 332		0.838 0.0 1.0	50.7 88.8 -69.3 112.7 322	0.867 0.0 1.0	0.81 0.0 1.0	49.7 87.9 -71.1 113.1 321	0.867 0.0 1.0	0.81 0.0 1.0	49.7 87.9 -71.1 113.1 321
333	323	322	1.0 0.0	0.898 55.9 91.2 -46.4 102.4 333		0.866 0.0 1.0	51.8 89.6 -67.4 112.2 323	0.883 0.0 1.0	0.838 0.0 1.0	50.7 88.8 -69.3 112.7 322	0.883 0.0 1.0	0.838 0.0 1.0	50.7 88.8 -69.3 112.7 322
334	324	323	1.0 0.0	0.876 55.7 90.4 -44.0 100.5 334		0.892 0.0 1.0	52.9 90.5 -65.7 111.9 324	0.9 0.0 1.0	0.866 0.0 1.0	51.8 89.6 -67.4 112.2 323	0.9 0.0 1.0	0.866 0.0 1.0	51.8 89.6 -67.4 112.2 323
335	325	324	1.0 0.0	0.86 55.5 90.0 -41.9 99.3 335		0.918 0.0 1.0	53.9 91.5 -64.0 111.7 325	0.917 0.0 1.0	0.892 0.0 1.0	52.9 90.5 -65.7 111.9 324	0.917 0.0 1.0	0.892 0.0 1.0	52.9 90.5 -65.7 111.9 324
336	326	325	1.0 0.0	0.843 55.3 89.6 -39.8 98.1 336		0.943 0.0 1.0	55.0 92.4 -62.2 111.5 326	0.933 0.0 1.0	0.918 0.0 1.0	53.9 91.5 -64.0 111.7 325	0.933 0.0 1.0	0.918 0.0 1.0	53.9 91.5 -64.0 111.7 325
337	327	326	1.0 0.0	0.827 55.1 89.2 -37.8 96.9 337		0.969 0.0 1.0	56.0 93.3 -60.5 111.3 327	0.95 0.0 1.0	0.943 0.0 1.0	55.0 92.4 -62.2 111.5 326	0.95 0.0 1.0	0.943 0.0 1.0	55.0 92.4 -62.2 111.5 326
338	328	327	1.0 0.0	0.811 54.9 88.8 -35.8 95.8 338		0.994 0.0 1.0	57.1 94.2 -58.7 110.0 328	0.967 0.0 1.0	0.969 0.0 1.0	56.0 93.3 -60.5 111.3 327	0.967 0.0 1.0	0.969 0.0 1.0	56.0 93.3 -60.5 111.3 327
339	329	328	1.0 0.0	0.794 54.7 88.3 -33.8 94.6 339		1.0 0.0	0.984 57.1 93.9 -56.4 109.6 329	0.983 0.0 1.0	0.994 0.0 1.0	57.1 94.2 -58.7 111.0 328	0.983 0.0 1.0	0.994 0.0 1.0	57.1 94.2 -58.7 111.0 328
340	330	329	1.0 0.0	0.778 54.5 87.7 -31.8 93.4 340		1.0 0.0	0.962 56.8 93.4 -53.8 107.8 330	1.0 0.0	0.984 57.1 93.9 -56.4 109.6 329	1.0 0.0	0.962 56.8 93.4 -53.8 107.8 330	1.0 0.0	0.962 56.8 93.4 -53.8 107.8 330
341	331	330	1.0 0.0	0.761 54.3 87.2 -29.9 92.2 341		1.0 0.0	0.941 56.5 92.7 -51.3 106.0 331	1.0 0.0	0.983 1.0 0.0	0.962 56.8 93.4 -53.8 107.8 330	1.0 0.0	0.983 1.0 0.0	0.962 56.8 93.4 -53.8 107.8 330
342	332	331	1.0 0.0	0.746 54.2 86.7 -28.1 91.1 342		1.0 0.0	0.919 56.2 92.0 -48.8 104.2 332	1.0 0.0	0.967 1.0 0.0	0.941 56.5 92.7 -51.3 106.0 331	1.0 0.0	0.967 1.0 0.0	0.941 56.5 92.7 -51.3 106.0 331
343	333	331	1.0 0.0	0.733 54.1 86.5 -26.3 90.5 343		1.0 0.0	0.898 55.9 91.2 -46.4 102.4 333	1.0 0.0	0.95 1.0 0.0	0.941 56.5 92.7 -51.3 106.0 331	1.0 0.0	0.95 1.0 0.0	0.941 56.5 92.7 -51.3 106.0 331
344	334	332	1.0 0.0	0.72 53.9 86.3 -24.6 89.8 344		1.0 0.0	0.876 55.7 90.4 -44.0 100.5 334	1.0 0.0	0.933 1.0 0.0	0.919 56.2 92.0 -48.8 104.2 332	1.0 0.0	0.933 1.0 0.0	0.919 56.2 92.0 -48.8 104.2 332
345	335	333	1.0 0.0	0.707 53.8 86.0 -23.0 89.1 345		1.0 0.0	0.86 55.5 90.0 -41.9 99.3 335	1.0 0.0	0.917 1.0 0.0	0.898 55.9 91.2 -46.4 102.4 333	1.0 0.0	0.917 1.0 0.0	0.898 55.9 91.2 -46.4 102.4 333
346	336	334	1.0 0.0	0.695 53.7 85.7 -21.3 88.4 346		1.0 0.0	0.843 55.3 89.6 -39.8 98.1 336	1.0 0.0	0.9 1.0 0.0	0.876 55.7 90.4 -44.0 100.5 334	1.0 0.0	0.9 1.0 0.0	0.876 55.7 90.4 -44.0 100.5 334
347	337	335	1.0 0.0	0.682 53.6 85.4 -19.6 87.7 347		1.0 0.0	0.827 55.1 89.2 -37.8 96.9 337	1.0 0.0	0.883 1.0 0.0	0.86 55.5 90.0 -41.9 99.3 335	1.0 0.0	0.883 1.0 0.0	0.86 55.5 90.0 -41.9 99.3 335
348	338	336	1.0 0.0	0.669 53.4 85.1 -18.0 87.0 348		1.0 0.0	0.811 54.9 88.8 -35.8 95.8 338	1.0 0.0	0.867 1.0 0.0	0.843 55.3 89.6 -39.8 98.1 336	1.0 0.0	0.867 1.0 0.0	0.843 55.3 89.6 -39.8 98.1 336
349	339	337	1.0 0.0	0.656 53.3 84.7 -16.4 86.3 349		1.0 0.0	0.794 54.7 88.3 -33.8 94.6 339	1.0 0.0	0.85 1.0 0.0	0.827 55.1 89.2 -37.8 96.9 337	1.0 0.0	0.85 1.0 0.0	0.827 55.1 89.2 -37.8 96.9 337
350	340	338	1.0 0.0	0.643 53.2 84.3 -14.8 85.6 350		1.0 0.0	0.778 54.5 87.7 -31.8 93.4 340	1.0 0.0	0.833 1.0 0.0	0.811 54.9 88.8 -35.8 95.8 338	1.0 0.0	0.833 1.0 0.0	0.811 54.9 88.8 -35.8 95.8 338
351	341	339	1.0 0.0	0.63 53.1 83.9 -13.2 84.9 351		1.0 0.0	0.761 54.3 87.2 -29.9 92.2 341	1.0 0.0	0.817 1.0 0.0	0.794 54.7 88.3 -33.8 94.6 339	1.0 0.0	0.817 1.0 0.0	0.794 54.7 88.3 -33.8 94.6 339
352	342	340	1.0 0.0	0.619 53.0 83.6 -11.7 84.4 352		1.0 0.0	0.746 54.2 86.7 -28.1 91.1 342	1.0 0.0	0.8 1.0 0.0	0.778 54.5 87.7 -31.8 93.4 340	1.0 0.0	0.8 1.0 0.0	0.778 54.5 87.7 -31.8 93.4 340
353	343	341	1.0 0.0	0.608 52.9 83.5 -10.2 84.2 353		1.0 0.0	0.733 54.1 86.5 -26.3 90.5 343	1.0 0.0	0.783 1.0 0.0	0.761 54.3 87.2 -29.9 92.2 341	1.0 0.0	0.783 1.0 0.0	0.761 54.3 87.2 -29.9 92.2 341
354	344	342	1.0 0.0	0.597 52.8 83.4 -8.7 83.9 354		1.0 0.0	0.72 53.9 86.3 -24.6 89.8 344	1.0 0.0	0.767 1.0 0.0	0.746 54.2 86.7 -28.1 91.1 342	1.0 0.0	0.767 1.0 0.0	0.746 54.2 86.7 -28.1 91.1 342
355	345	343	1.0 0.0	0.586 52.7 83.3 -7.2 83.6 355		1.0 0.0	0						

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
355	345	343	1.0 0.0 0.586	52.7 83.3 -7.2	83.6 355	1.0 0.0 0.707	53.8 86.0 -23.0	89.1 345	1.0 0.0 0.75	1.0 0.0 0.733	54.1 86.5 -26.3	90.5 343	1.0 0.0 0.75
356	346	344	1.0 0.0 0.575	52.6 83.1 -5.7	83.3 356	1.0 0.0 0.695	53.7 85.7 -21.3	88.4 346	1.0 0.0 0.733	1.0 0.0 0.72	53.9 86.3 -24.6	89.8 344	1.0 0.0 0.733
357	347	345	1.0 0.0 0.564	52.6 82.9 -4.2	83.0 357	1.0 0.0 0.682	53.6 85.4 -19.6	87.7 347	1.0 0.0 0.717	1.0 0.0 0.707	53.8 86.0 -23.0	89.1 345	1.0 0.0 0.717
358	348	346	1.0 0.0 0.554	52.5 82.7 -2.8	82.7 358	1.0 0.0 0.669	53.4 85.1 -18.0	87.0 348	1.0 0.0 0.7	1.0 0.0 0.695	53.7 85.7 -21.3	88.4 346	1.0 0.0 0.7
359	349	347	1.0 0.0 0.543	52.4 82.4 -1.3	82.4 359	1.0 0.0 0.656	53.3 84.7 -16.4	86.3 349	1.0 0.0 0.683	1.0 0.0 0.682	53.6 85.4 -19.6	87.7 347	1.0 0.0 0.683
0	350	348	1.0 0.0 0.532	52.3 82.1 0.0	82.1 0	1.0 0.0 0.643	53.2 84.3 -14.8	85.6 350	1.0 0.0 0.667	1.0 0.0 0.669	53.4 85.1 -18.0	87.0 348	1.0 0.0 0.667
1	351	349	1.0 0.0 0.521	52.2 81.8 1.4	81.8 1	1.0 0.0 0.63	53.1 83.9 -13.2	84.9 351	1.0 0.0 0.65	1.0 0.0 0.656	53.3 84.7 -16.4	86.3 349	1.0 0.0 0.65
2	352	349	1.0 0.0 0.51	52.1 81.5 2.8	81.6 2	1.0 0.0 0.619	53.0 83.6 -11.7	84.4 352	1.0 0.0 0.633	1.0 0.0 0.656	53.3 84.7 -16.4	86.3 349	1.0 0.0 0.633
3	353	350	1.0 0.0 0.499	52.1 81.2 4.3	81.3 3	1.0 0.0 0.608	52.9 83.5 -10.2	84.2 353	1.0 0.0 0.617	1.0 0.0 0.643	53.2 84.3 -14.8	85.6 350	1.0 0.0 0.617
4	354	351	1.0 0.0 0.489	52.0 81.2 5.7	81.4 4	1.0 0.0 0.597	52.8 83.4 -8.7	83.9 354	1.0 0.0 0.6	1.0 0.0 0.63	53.1 83.9 -13.2	84.9 351	1.0 0.0 0.6
5	355	352	1.0 0.0 0.479	51.9 81.1 7.1	81.4 5	1.0 0.0 0.586	52.7 83.3 -7.2	83.6 355	1.0 0.0 0.583	1.0 0.0 0.619	53.0 83.6 -11.7	84.4 352	1.0 0.0 0.583
6	356	353	1.0 0.0 0.469	51.9 81.1 8.5	81.5 6	1.0 0.0 0.575	52.6 83.1 -5.7	83.3 356	1.0 0.0 0.567	1.0 0.0 0.608	52.9 83.5 -10.2	84.2 353	1.0 0.0 0.567
7	357	354	1.0 0.0 0.459	51.8 81.0 9.9	81.6 7	1.0 0.0 0.564	52.6 82.9 -4.2	83.0 357	1.0 0.0 0.55	1.0 0.0 0.597	52.8 83.4 -8.7	83.9 354	1.0 0.0 0.55
8	358	355	1.0 0.0 0.449	51.8 80.9 11.4	81.6 8	1.0 0.0 0.554	52.5 82.7 -2.8	82.7 358	1.0 0.0 0.533	1.0 0.0 0.586	52.7 83.3 -7.2	83.6 355	1.0 0.0 0.533
9	359	356	1.0 0.0 0.439	51.7 80.7 12.8	81.7 9	1.0 0.0 0.543	52.4 82.4 -1.3	82.4 359	1.0 0.0 0.517	1.0 0.0 0.575	52.6 83.1 -5.7	83.3 356	1.0 0.0 0.517
10	360	357	1.0 0.0 0.429	51.7 80.6 14.2	81.8 10	1.0 0.0 0.532	52.3 82.1 0.0	82.1 0	1.0 0.0 0.5	1.0 0.0 0.564	52.6 82.9 -4.2	83.0 357	1.0 0.0 0.5
11	361	358	1.0 0.0 0.418	51.6 80.4 15.6	81.9 11	1.0 0.0 0.521	52.2 81.8 1.4	81.8 1	1.0 0.0 0.483	1.0 0.0 0.554	52.5 82.7 -2.8	82.7 358	1.0 0.0 0.483
12	362	359	1.0 0.0 0.408	51.5 80.1 17.0	81.9 12	1.0 0.0 0.51	52.1 81.5 2.8	81.6 2	1.0 0.0 0.467	1.0 0.0 0.543	52.4 82.4 -1.3	82.4 359	1.0 0.0 0.467
13	363	360	1.0 0.0 0.398	51.5 79.9 18.4	82.0 13	1.0 0.0 0.499	52.1 81.2 4.3	81.3 3	1.0 0.0 0.45	1.0 0.0 0.532	52.3 82.1 0.0	82.1 0	1.0 0.0 0.45
14	364	361	1.0 0.0 0.388	51.4 79.6 19.9	82.1 14	1.0 0.0 0.489	52.0 81.2 5.7	81.4 4	1.0 0.0 0.433	1.0 0.0 0.521	52.2 81.8 1.4	81.8 1	1.0 0.0 0.433
15	365	362	1.0 0.0 0.378	51.4 79.4 21.3	82.2 15	1.0 0.0 0.479	51.9 81.1 7.1	81.4 5	1.0 0.0 0.417	1.0 0.0 0.51	52.1 81.5 2.8	81.6 2	1.0 0.0 0.417
16	366	363	1.0 0.0 0.367	51.3 79.3 22.7	82.5 16	1.0 0.0 0.469	51.9 81.1 8.5	81.5 6	1.0 0.0 0.4	1.0 0.0 0.499	52.1 81.2 4.3	81.3 3	1.0 0.0 0.4
17	367	364	1.0 0.0 0.356	51.3 79.3 24.3	82.9 17	1.0 0.0 0.459	51.8 81.0 9.9	81.6 7	1.0 0.0 0.383	1.0 0.0 0.489	52.0 81.2 5.7	81.4 4	1.0 0.0 0.383
18	368	365	1.0 0.0 0.345	51.2 79.3 25.8	83.4 18	1.0 0.0 0.449	51.8 80.9 11.4	81.6 8	1.0 0.0 0.367	1.0 0.0 0.479	51.9 81.1 7.1	81.4 5	1.0 0.0 0.367
19	369	366	1.0 0.0 0.334	51.2 79.3 27.3	83.8 19	1.0 0.0 0.439	51.7 80.7 12.8	81.7 9	1.0 0.0 0.35	1.0 0.0 0.469	51.9 81.1 8.5	81.5 6	1.0 0.0 0.35
20	370	367	1.0 0.0 0.323	51.2 79.2 28.8	84.3 20	1.0 0.0 0.429	51.7 80.6 14.2	81.8 10	1.0 0.0 0.333	1.0 0.0 0.459	51.8 81.0 9.9	81.6 7	1.0 0.0 0.333
21	371	367	1.0 0.0 0.312	51.1 79.1 30.4	84.7 21	1.0 0.0 0.418	51.6 80.4 15.6	81.9 11	1.0 0.0 0.317	1.0 0.0 0.459	51.8 81.0 9.9	81.6 7	1.0 0.0 0.317
22	372	368	1.0 0.0 0.301	51.1 79.0 31.9	85.2 22	1.0 0.0 0.408	51.5 80.1 17.0	81.9 12	1.0 0.0 0.3	1.0 0.0 0.449	51.8 80.9 11.4	81.6 8	1.0 0.0 0.3
23	373	369	1.0 0.0 0.291	51.0 78.8 33.5	85.6 23	1.0 0.0 0.398	51.5 79.9 18.4	82.0 13	1.0 0.0 0.283	1.0 0.0 0.439	51.7 80.7 12.8	81.7 9	1.0 0.0 0.283
24	374	370	1.0 0.0 0.28	51.0 78.6 35.0	86.1 24	1.0 0.0 0.388	51.4 79.6 19.9	82.1 14	1.0 0.0 0.267	1.0 0.0 0.429	51.7 80.6 14.2	81.8 10	1.0 0.0 0.267
25	375	371	1.0 0.0 0.269	50.9 78.4 36.6	86.5 25	1.0 0.0 0.378	51.4 79.4 21.3	82.2 15	1.0 0.0 0.25	1.0 0.0 0.418	51.6 80.4 15.6	81.9 11	1.0 0.0 0.25
26	376	372	1.0 0.0 0.258	50.9 78.2 38.1	87.0 26	1.0 0.0 0.367	51.3 79.3 22.7	82.5 16	1.0 0.0 0.233	1.0 0.0 0.408	51.5 80.1 17.0	81.9 12	1.0 0.0 0.233
27	377	373	1.0 0.0 0.246	50.9 78.0 39.7	87.5 27	1.0 0.0 0.356	51.3 79.3 24.3	82.9 17	1.0 0.0 0.217	1.0 0.0 0.398	51.5 79.9 18.4	82.0 13	1.0 0.0 0.217
28	378	374	1.0 0.0 0.231	50.8 78.1 41.5	88.4 28	1.0 0.0 0.345	51.2 79.3 25.8	83.4 18	1.0 0.0 0.2	1.0 0.0 0.388	51.4 79.6 19.9	82.1 14	1.0 0.0 0.2
29	379	375	1.0 0.0 0.217	50.8 78.1 43.3	89.3 29	1.0 0.0 0.334	51.2 79.3 27.3	83.8 19	1.0 0.0 0.183	1.0 0.0 0.378	51.4 79.4 21.3	82.2 15	1.0 0.0 0.183
30	380	376	1.0 0.0 0.203	50.8 78.0 45.1	90.1 30	1.0 0.0 0.323	51.2 79.2 28.8	84.3 20	1.0 0.0 0.167	1.0 0.0 0.367	51.3 79.3 22.7	82.5 16	1.0 0.0 0.167
31	381	377	1.0 0.0 0.189	50.7 78.0 46.9	91.0 31	1.0 0.0 0.312	51.1 79.1 30.4	84.7 21	1.0 0.0 0.15	1.0 0.0 0.356	51.3 79.3 24.3	82.9 17	1.0 0.0 0.15
32	382	378	1.0 0.0 0.174	50.7 77.9 48.7	91.8 32	1.0 0.0 0.301	51.1 79.0 31.9	85.2 22	1.0 0.0 0.133	1.0 0.0 0.345	51.2 79.3 25.8	83.4 18	1.0 0.0 0.133
33	383	379	1.0 0.0 0.16	50.7 77.7 50.5	92.7 33	1.0 0.0 0.291	51.0 78.8 33.5	85.6 23	1.0 0.0 0.117	1.0 0.0 0.334	51.2 79.3 27.3	83.8 19	1.0 0.0 0.117
34	384	380	1.0 0.0 0.146	50.6 77.6 52.3	93.6 34	1.0 0.0 0.28	51.0 78.6 35.0	86.1 24	1.0 0.0 0.1	1.0 0.0 0.323	51.2 79.2 28.8	84.3 20	1.0 0.0 0.1
35	385	381	1.0 0.0 0.131	50.6 77.3 54.2	94.4 35	1.0 0.0 0.269	50.9 78.4 36.6	86.5 25	1.0 0.0 0.083	1.0 0.0 0.312	51.1 79.1 30.4	84.7 21	1.0 0.0 0.083
36	386	382	1.0 0.0 0.11	50.6 77.3 56.1	95.5 36	1.0 0.0 0.258	50.9 78.2 38.1	87.0 26	1.0 0.0 0.067	1.0 0.0 0.301	51.1 79.0 31.9	85.2 22	1.0 0.0 0.067
37	387	383	1.0 0.0 0.082	50.6 77.2 58.2	96.7 37	1.0 0.0 0.246	50.9 78.0 39.7	87.5 27	1.0 0.0 0.05	1.0 0.0 0.291	51.0 78.8 33.5	85.6 23	1.0 0.0 0.05
38	388	384	1.0 0.0 0.055	50.5 77.2 60.3	98.0 38	1.0 0.0 0.231	50.8 78.1 41.5	88.4 28	1.0 0.0 0.033	1.0 0.0 0.28	51.0 78.6 35.0	86.1 24	1.0 0.0 0.033
39	389	385	1.0 0.0 0.028	50.5 77.1 62.4	99.2 39	1.0 0.0 0.217	50.8 78.1 43.3	89.3 29	1.0 0.0 0.017	1.0 0.0 0.269	50.9 78.4 36.6	86.5 25	1.0 0.0 0.017
40	390	385	1.0 0.0 0.0	50.5 76.9 64.6	100.4 40	1.0 0.0 0.203	50.8 78.0 45.1	90.1 30	1.0 0.0 0.0R <sub>d</sub>	1.0 0.0 0.269	50.9 78.4 36.6	86.5 25	1.0 0.0 0.0R <sub>e</sub>

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 38.3, 103.0, 136.3, 196.4, 305.7, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$



#### Notes to the CIELAB chroma diagrams ( $a^*_{\text{d}}, b^*_{\text{d}}$ , $a^*_{\text{s}}, b^*_{\text{s}}$ , $a^*_{\text{e}}, b^*_{\text{e}}$ )

- For the  $rgb^*_{\text{d}}$ -input values the CIELAB data  $LCH^*_{\text{d}}$  and  $LAB^*_{\text{d}}$  have been calculated.
- For the calculation of the standard hue angle  $h_{ab,s}$  use for any device values  $rgb^*_{\text{d}}$  the equation:  

$$h_{ab,s} = atan [ r^*_{\text{d}} \cos(30) + g^*_{\text{d}} \cos(150) ] / [ r^*_{\text{d}} \sin(30) + g^*_{\text{d}} \sin(150) + b^*_{\text{d}} \sin(270) ] \quad (1)$$
- For the 48 or 360 equally spaced standard hue angles  $h_{ab,s}$  of the colours of maximum chroma use the seven hue angles of the 60 degree colours s:  $h_{ab,si} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$  (i=0,6) and the equations for a 48 and 360 step hue circle:  

$$h_{48ab,ij} = h_{ab,si} + j [ h_{ab,si+1} - h_{ab,si} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$
  

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

$$h_{48ab,ej} = h_{ab,ei} + j [ h_{ab,ei+1} - h_{ab,ei} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$
  

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

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 38.3, 103.0, 136.3, 196.4, 305.7, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd50M$	$LAB^*dd50Mx$ (x=LabCh)	$rgb^*ds50M$	$LAB^*ds50Mx$ (x=LabCh)	$rgb^*s50M$	$rgb^*de50M$	$LAB^*de50Mx$ (x=LabCh)	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
38.3	30.0	25.5	1.0 0.0 0.0	51.1 75.6 95.9	96.3 38.3	1.0 0.0 0.191	51.3 76.6 44.2	88.4 30	1.0 0.0 0.0	1.0 0.0 0.263	51.5 76.9 35.9	84.9 25	1.0 0.0 0.0
39.7	37.5	33.8	1.0 0.125 0.0	52.1 72.6 60.3	94.4 39.7	1.0 0.0 0.01	51.1 75.6 59.1	96.0 38	1.0 0.125 0.0	1.0 0.0 0.129	51.2 75.9 51.2	91.6 34	1.0 0.125 0.0
43.3	45.0	42.2	1.0 0.25 0.0	54.6 65.6 61.9	90.2 43.3	1.0 0.283 0.0	55.7 62.7 62.7	88.7 45	1.0 0.25 0.0	1.0 0.204 0.0	53.7 68.2 61.4	91.7 42	1.0 0.25 0.0
49.7	52.5	50.5	1.0 0.375 0.0	58.6 54.6 64.5	84.5 49.7	1.0 0.419 0.0	60.5 49.8 66.1	82.7 53	1.0 0.375 0.0	1.0 0.392 0.0	59.4 52.8 65.1	83.8 51	1.0 0.375 0.0
59.1	60.0	58.9	1.0 0.5 0.0	64.0 40.8 68.1	79.4 59.1	1.0 0.51 0.0	64.5 39.6 68.6	79.2 60	1.0 0.5 0.0	1.0 0.499 0.0	64.0 40.9 68.1	79.5 59	1.0 0.5 0.0
70.7	67.5	67.2	1.0 0.625 0.0	70.4 25.5 72.6	77.0 70.7	1.0 0.596 0.0	68.9 29.0 71.9	77.5 68	1.0 0.625 0.0	1.0 0.586 0.0	68.3 30.4 71.6	77.7 67	1.0 0.625 0.0
82.9	75.0	75.6	1.0 0.75 0.0	77.4 9.7 77.8	78.4 82.9	1.0 0.67 0.0	72.9 20.1 74.8	77.5 75	1.0 0.75 0.0	1.0 0.68 0.0	73.4 18.8 75.3	77.6 76	1.0 0.75 0.0
93.9	82.5	84.0	1.0 0.875 0.0	84.9 -5.6 83.3	83.5 93.9	1.0 0.752 0.0	77.5 9.6 77.9	78.4 83	1.0 0.875 0.0	1.0 0.763 0.0	78.2 8.2 78.5	78.9 84	1.0 0.875 0.0
103.0	90.0	92.3	1.0 1.0 0.0	92.7 -20.4 89.2	91.6 103.0	1.0 0.831 0.0	82.2 0.0 81.7	81.7 90	1.0 1.0 0.0	1.0 0.853 0.0	83.6 -2.8 82.6	82.6 92	1.0 1.0 0.0
110.8	97.5	101.1	0.875 1.0 0.0	90.5 -32.7 86.6	92.6 110.8	1.0 0.931 0.0	88.4 -12.0 86.3	87.2 98	0.875 1.0 0.0	1.0 0.973 0.0	91.0 -17.0 88.2	89.8 101	0.875 1.0 0.0
117.8	105.0	109.8	0.75 1.0 0.0	88.6 -44.4 84.3	95.3 117.8	0.967 1.0 0.0	92.1 -23.7 88.7	91.8 105	0.75 1.0 0.0	0.887 1.0 0.0	90.7 -31.5 86.9	92.5 110	0.75 1.0 0.0
123.9	112.5	118.5	0.625 1.0 0.0	87.0 -55.2 82.4	99.2 123.9	0.835 1.0 0.0	89.9 -36.4 86.0	93.5 113	0.625 1.0 0.0	0.726 1.0 0.0	88.3 -46.5 84.0	96.1 119	0.625 1.0 0.0
128.6	120.0	127.3	0.5 1.0 0.0	85.8 -64.5 80.9	103.5 128.6	0.705 1.0 0.0	88.0 -48.3 83.8	96.7 120	0.5 1.0 0.0	0.542 1.0 0.0	86.2 -61.3 81.5	102.0 127	0.5 1.0 0.0
132.1	127.5	136.0	0.375 1.0 0.0	84.8 -72.0 79.7	107.5 132.1	0.516 1.0 0.0	85.9 -63.3 81.1	102.9 128	0.375 1.0 0.0	0.062 1.0 0.0	83.8 -81.1 78.4	112.9 136	0.375 1.0 0.0
134.4	135.0	144.7	0.25 1.0 0.0	84.2 -77.3 78.9	110.6 134.4	0.196 1.0 0.0	84.1 -78.7 78.8	111.4 135	0.25 1.0 0.0	0.0 1.0	0.414 84.2 -75.8 53.1	92.7 145	0.25 1.0 0.0
135.7	142.5	153.5	0.125 1.0 0.0	83.9 -80.5 78.5	112.5 135.7	0.0 1.0	0.364 84.1 -77.1 58.2	96.7 143	0.125 1.0 0.0	0.0 1.0	0.575 84.7 -70.1 35.8	78.8 153	0.125 1.0 0.0
136.3	150.0	162.2	0.0 1.0 0.0	83.7 -81.7 78.3	113.3 136.3	0.0 1.0	0.523 84.5 -72.1 41.7	83.4 150	0.0 1.0 0.0	1.0 0.703 85.2 -64.1 20.8	67.5 162	0.0 1.0 0.0	
137.2	157.5	169.1	0.0 1.0 0.125	83.8 -81.1 75.2	110.7 137.2	0.0 1.0	0.652 85.0 -66.6 26.9	71.9 158	0.0 1.0 0.125	1.0 0.782 85.6 -59.8 11.6	61.0 169	0.0 1.0 0.125	
139.5	165.0	175.9	0.0 1.0 0.25	83.9 -79.6 68.0	104.7 139.5	0.0 1.0	0.742 85.4 -61.8 16.6	64.1 165	0.0 1.0 0.25	1.0 0.848 86.0 -55.8 3.9	56.1 176	0.0 1.0 0.25	
143.3	172.5	182.8	0.0 1.0 0.375	84.1 -76.8 57.3	95.9 143.3	0.0 1.0	0.82 85.8 -57.7 7.1	58.2 173	0.0 1.0 0.375	1.0 0.905 86.3 -52.4 -2.6	52.5 183	0.0 1.0 0.375	
148.7	180.0	189.6	0.0 1.0 0.5	84.4 -72.9 44.4	85.4 148.7	0.0 1.0	0.883 86.2 -53.5 0.0	53.6 180	0.0 1.0 0.5	1.0 0.954 86.6 -49.1 -8.6	50.0 190	0.0 1.0 0.5	
155.9	187.5	196.4	0.0 1.0 0.625	84.9 -67.7 30.3	74.3 155.9	0.0 1.0	0.94 86.5 -50.1 -7.0	50.7 188	0.0 1.0 0.625	1.0 0.997 86.9 -45.9 -13.1	47.8 196	0.0 1.0 0.625	
165.6	195.0	203.3	0.0 1.0 0.75	85.4 -61.3 15.7	63.4 165.6	0.0 1.0	0.99 86.9 -46.5 -12.4	48.2 195	0.0 1.0 0.75	0.965 1.0 84.5 -42.3 -17.9	46.0 203	0.0 1.0 0.75	
178.9	202.5	210.1	0.0 1.0 0.875	86.1 -53.9 1.1	54.0 178.9	0.0 0.965 1.0	84.5 -42.3 -17.9 46.0	203	0.0 1.0 0.875	0.928 1.0 81.9 -38.2 -22.0	44.2 210	0.0 1.0 0.875	
196.4	210.0	217.0	0.0 1.0 1.0	86.9 -45.6 -13.4	47.7 196.4	0.0 0.928 1.0	81.9 -38.2 -22.0 44.2	210	0.0 1.0 1.0	0.891 1.0 79.2 -33.8 -25.5	42.5 217	0.0 1.0 1.0	
219.9	217.5	223.8	0.0 0.875 1.0	78.1 -31.9 -26.7	41.7 219.9	0.0 0.885 1.0	78.9 -33.2 -25.9 42.2	218	0.0 0.875 1.0	0.856 1.0 76.8 -30.1 -29.1	42.0 224	0.0 0.875 1.0	
247.3	225.0	230.7	0.0 0.75 1.0	69.4 -16.7 -40.3	43.7 247.3	0.0 0.852 1.0	76.5 -29.7 -29.7 42.1	225	0.0 0.75 1.0	0.824 1.0 74.6 -26.7 -33.0	42.5 231	0.0 0.75 1.0	
269.8	232.5	237.5	0.0 0.625 1.0	60.7 0.0 -53.9	54.0 269.8	0.0 0.815 1.0	74.0 -25.6 -34.0 42.7	233	0.0 0.625 1.0	0.793 1.0 72.4 -22.7 -36.4	43.0 238	0.0 0.625 1.0	
284.9	240.0	244.4	0.0 0.5 1.0	52.3 18.0 -67.3	69.8 284.9	0.0 0.783 1.0	71.7 -21.5 -37.3 43.2	240	0.0 0.5 1.0	0.765 1.0 70.4 -19.0 -39.0	43.5 244	0.0 0.5 1.0	
294.6	247.5	251.2	0.0 0.375 1.0	44.6 36.7 -79.9	88.0 294.6	0.0 0.746 1.0	69.1 -16.4 -40.7 44.0	248	0.0 0.375 1.0	0.73 1.0 68.0 -14.7 -42.8	45.4 251	0.0 0.375 1.0	
300.8	255.0	258.0	0.0 0.25 1.0	38.2 54.1 -90.5	105.5 300.8	0.0 0.707 1.0	66.4 -12.1 -45.5 47.2	255	0.0 0.25 1.0	0.691 1.0 65.3 -10.0 -47.4	48.6 258	0.0 0.25 1.0	
304.3	262.5	264.9	0.0 0.125 1.0	33.7 66.9 -97.9	117.8 304.3	0.0 0.663 1.0	63.3 -6.1 -50.4 50.9	263	0.0 0.125 1.0	0.652 1.0 62.6 -4.4 -51.5	51.8 265	0.0 0.125 1.0	
305.7	270.0	271.7	0.0 0.0 1.0	31.8 72.9 -101.2124.8	305.7	0.0 0.624 1.0	60.6 0.0 -54.1 54.2	270	0.0 0.0 1.0	0.607 1.0 59.5 2.0 -56.1	56.3 272	0.0 0.0 1.0	
306.1	277.5	278.8	0.125 0.0 1.0	32.4 73.2 -100.2124.2	306.1	0.0 0.557 1.0	56.2 8.7 -61.8 62.5	278	0.125 0.0 1.0	0.549 1.0 55.6 9.9 -62.7	63.6 279	0.125 0.0 1.0	
307.1	285.0	286.0	0.25 0.0 1.0	33.8 74.0 -97.7	122.6 307.1	0.0 0.499 1.0	52.3 18.1 -67.5 69.9	285	0.25 0.0 1.0	0.486 1.0 51.5 19.8 -68.9	71.8 286	0.25 0.0 1.0	
308.9	292.5	293.1	0.375 0.0 1.0	36.3 75.4 -93.6	120.3 308.9	0.0 0.396 1.0	45.9 33.2 -78.1 84.9	293	0.375 0.0 1.0	0.396 1.0 45.9 33.2 -78.1	84.9 293	0.375 0.0 1.0	
311.4	300.0	300.2	0.5 0.0 1.0	39.6 77.6 -88.0	117.4 311.4	0.0 0.266 1.0	39.0 51.6 -89.3 103.2	300	0.5 0.0 1.0	0.266 1.0 39.0 51.6 -89.3	103.2 300	0.5 0.0 1.0	
314.7	307.5	307.3	0.625 0.0 1.0	43.5 80.6 -81.4	114.6 314.7	0.0 0.314 1.0	35.1 74.8 -95.6 121.4	308	0.625 0.0 1.0	0.235 0.0 33.7 73.9 -98.0	122.8 307	0.625 0.0 1.0	
318.7	315.0	314.4	0.75 0.0 1.0	47.9 84.2 -73.9	112.1 318.7	0.0 0.635 1.0	43.9 80.9 -80.8 114.4	315	0.75 0.0 1.0	0.599 0.0 42.7 80.0 -82.8	115.2 314	0.75 0.0 1.0	
323.2	322.5	321.5	0.875 0.0 1.0	52.7 88.4 -65.9	110.4 323.2	0.0 0.868 1.0	52.5 88.2 -66.4 110.5	323	0.875 0.0 1.0	0.814 0.0 50.4 86.4 -69.9	111.2 321	0.875 0.0 1.0	
328.2	330.0	328.6	1.0 0.0 0.0	57.7 93.1 -57.6	109.5 328.2	1.0 0.0 0.961	57.2 92.0 -53.0 106.3	330	1.0 0.0 0.0	0.983 57.5 92.6 -55.6 108.1	329	1.0 0.0 0.0	
334.0	337.5	335.7	1.0 0.0 0.875	56.1 89.0 -43.2	99.0 334.0	1.0 0.0 0.81	55.4 87.5 -35.2 94.3	338	1.0 0.0 0.875	0.843 55.8 88.3 -39.2 96.7	336	1.0 0.0 0.875	
341.7	345.0	342.8	1.0 0.0 0.75	54.7 85.4 -28.1	90.0 341.7	1.0 0.0 0.708	54.3 84.7 -22.6 87.7	345	1.0 0.0 0.75	0.733 54.6 85.2 -25.9 89.1	343	1.0 0.0 0.75	
351.4	352.5	349.9	1.0 0.0 0.625	53.5 82.3 -12.3	83.3 351.4	1.0 0.0 0.608	53.4 82.2 -10.0 82.8	353	1.0 0.0 0.625	0.643 53.7 83.0 -14.5 84.2	350	1.0 0.0 0.625	
362.9	360.0	357.0	1.0 0.0 0.5	52.6 79.8 4.1	79.9 362.9	1.0 0.0 0.532	52.8 80.8 0.0 80.8	0	1.0 0.0 0.5	0.564 53.1 81.5 -4.2 81.6	357	1.0 0.0 0.5	
375.1	367.5	364.2	1.0 0.0 0.375	51.9 77.9 21.0	80.7 375.1	1.0 0.0 0.448	52.3 79.5 11.2 80.2	8	1.0 0.0 0.375	0.489 52.5 79.8 5.6 80.0	4	1.0 0.0 0.375	
386.1	375.0	371.3	1.0 0.0 0.25	51.4 76.6 37.6	85.3 386.1	1.0 0.0 0.376	51.9 77.9 20.9 80.7	15	1.0 0.0 0.25	0.417 52.1 79.0 15.3 80.4	11	1.0 0.0 0.25	
394.3	382.5	378.4	1.0 0.0 0.125	51.2 75.9 51.7	91.8 394.3	1.0 0.0 0.285	51.6 77.3 32.8 84.0	23	1.0 0.0 0.125	0.342 51.8 77.9 25.3 81.9	18	1.0 0.0 0.125	
398.3	390.0	385.5	1.0 0.0 0.0	51.1 75.6 59.7	96.3 398.3	1.0 0.0 0.191	51.3 76.6 44.2 88.4	30	1.0 0.0 0.0	0.263 51.5 76.9 35.9 84.9	25	1.0 0.0 0.0	

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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: $h_{ab,d} = 38.3, 103.0, 136.3, 196.4, 305.7, 328.2$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																			
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$							
38	30	25	1.0 0.0 0.01	51.1 75.6 59.1 96.0 38	R <sub>d</sub>	1.0 0.0 0.191	51.3 76.6 44.2 88.4 30	1.0 0.0 0.0R <sub>s</sub>	1.0 0.0 0.263	51.5 76.9 35.9 84.9 25	1.0 0.0 0.0R <sub>e</sub>								
39	31	27	1.0 0.061 0.0	51.6 74.1 60.0 95.4 39		1.0 0.0 0.175	51.3 76.5 45.9 89.2 31	1.0 0.017 0.0	1.0 0.0 0.237	51.4 76.6 39.1 86.0 27	1.0 0.017 0.0								
40	32	28	1.0 0.135 0.0	52.3 72.1 60.5 94.1 40		1.0 0.0 0.16	51.3 76.3 47.7 90.0 32	1.0 0.033 0.0	1.0 0.0 0.221	51.4 76.7 40.8 86.8 28	1.0 0.033 0.0								
41	33	29	1.0 0.17 0.0	53.0 70.1 60.9 92.9 41		1.0 0.0 0.145	51.2 76.1 49.4 90.8 33	1.0 0.05 0.0	1.0 0.0 0.206	51.3 76.6 42.5 87.6 29	1.0 0.05 0.0								
42	34	30	1.0 0.204 0.0	53.7 68.2 61.4 91.7 42		1.0 0.0 0.129	51.2 75.9 51.2 91.6 34	1.0 0.067 0.0	1.0 0.0 0.191	51.3 76.6 44.2 88.4 30	1.0 0.067 0.0								
43	35	31	1.0 0.239 0.0	54.4 66.2 61.8 90.5 43		1.0 0.0 0.103	51.2 75.9 53.1 92.6 35	1.0 0.083 0.0	1.0 0.0 0.175	51.3 76.5 45.9 89.2 31	1.0 0.083 0.0								
44	36	32	1.0 0.263 0.0	55.0 64.4 62.2 89.6 44		1.0 0.0 0.072	51.1 75.8 55.1 93.7 36	1.0 0.1 0.0	1.0 0.0 0.16	51.3 76.3 47.7 90.0 32	1.0 0.1 0.0								
45	37	33	1.0 0.283 0.0	55.7 62.7 62.7 88.7 45		1.0 0.0 0.041	51.1 75.7 57.1 94.8 37	1.0 0.117 0.0	1.0 0.0 0.145	51.2 76.1 49.4 90.8 33	1.0 0.117 0.0								
46	38	34	1.0 0.302 0.0	56.3 61.0 63.2 87.8 46		1.0 0.0 0.01	51.1 75.6 59.1 96.0 38	1.0 0.133 0.0	1.0 0.0 0.129	51.2 75.9 51.2 91.6 34	1.0 0.133 0.0								
47	39	36	1.0 0.322 0.0	56.9 59.3 63.6 86.9 47		1.0 0.061 0.0	51.6 74.1 60.0 95.4 39	1.0 0.15 0.0	1.0 0.0 0.072	51.1 75.8 55.1 93.7 36	1.0 0.15 0.0								
48	40	37	1.0 0.341 0.0	57.5 57.6 63.9 86.0 48		1.0 0.135 0.0	52.3 72.1 60.5 94.1 40	1.0 0.167 0.0	1.0 0.0 0.041	51.1 75.7 57.1 94.8 37	1.0 0.167 0.0								
49	41	38	1.0 0.361 0.0	58.2 55.9 64.3 85.2 49		1.0 0.17 0.0	53.0 70.1 60.9 92.9 41	1.0 0.183 0.0	1.0 0.0 0.01	51.1 75.6 59.1 96.0 38	1.0 0.183 0.0								
50	42	39	1.0 0.379 0.0	58.8 54.2 64.6 84.4 50		1.0 0.204 0.0	53.7 68.2 61.4 91.7 42	1.0 0.2 0.0	1.0 0.061 0.0	51.6 74.1 60.0 95.4 39	1.0 0.2 0.0								
51	43	40	1.0 0.392 0.0	59.4 52.8 65.1 83.8 51		1.0 0.239 0.0	54.4 66.2 61.8 90.5 43	1.0 0.217 0.0	1.0 0.135 0.0	52.3 72.1 60.5 94.1 40	1.0 0.217 0.0								
52	44	41	1.0 0.405 0.0	59.9 51.3 65.6 83.3 52		1.0 0.263 0.0	55.0 64.4 62.2 89.6 44	1.0 0.233 0.0	1.0 0.17 0.0	53.0 70.1 60.9 92.9 41	1.0 0.233 0.0								
53	45	42	1.0 0.419 0.0	60.5 49.8 66.1 82.7 53		1.0 0.283 0.0	55.7 62.7 62.7 88.7 45	1.0 0.25 0.0	1.0 0.204 0.0	53.7 68.2 61.4 91.7 42	1.0 0.25 0.0								
54	46	43	1.0 0.432 0.0	61.1 48.3 66.5 82.2 54		1.0 0.302 0.0	56.3 61.0 63.2 87.8 46	1.0 0.267 0.0	1.0 0.239 0.0	54.4 66.2 61.8 90.5 43	1.0 0.267 0.0								
55	47	44	1.0 0.446 0.0	61.7 46.8 66.9 81.6 55		1.0 0.322 0.0	56.9 59.3 63.6 86.9 47	1.0 0.283 0.0	1.0 0.263 0.0	55.0 64.4 62.2 89.6 44	1.0 0.283 0.0								
56	48	46	1.0 0.459 0.0	62.2 45.4 67.2 81.1 56		1.0 0.341 0.0	57.5 57.6 63.9 86.0 48	1.0 0.3 0.0	1.0 0.302 0.0	56.3 61.0 63.2 87.8 46	1.0 0.3 0.0								
57	49	47	1.0 0.472 0.0	62.8 43.9 67.6 80.6 57		1.0 0.361 0.0	58.2 55.9 64.3 85.2 49	1.0 0.317 0.0	1.0 0.322 0.0	56.9 59.3 63.6 86.9 47	1.0 0.317 0.0								
58	50	48	1.0 0.486 0.0	63.4 42.4 67.9 80.0 58		1.0 0.379 0.0	58.8 54.2 64.6 84.4 50	1.0 0.333 0.0	1.0 0.341 0.0	57.5 57.6 63.9 86.0 48	1.0 0.333 0.0								
59	51	49	1.0 0.499 0.0	64.0 40.9 68.1 79.5 59		1.0 0.392 0.0	59.4 52.8 65.1 83.8 51	1.0 0.35 0.0	1.0 0.361 0.0	58.2 55.9 64.3 85.2 49	1.0 0.35 0.0								
60	52	50	1.0 0.51 0.0	64.5 39.6 68.6 79.2 60		1.0 0.405 0.0	59.9 51.3 65.6 83.3 52	1.0 0.367 0.0	1.0 0.379 0.0	58.8 54.2 64.6 84.4 50	1.0 0.367 0.0								
61	53	51	1.0 0.521 0.0	65.1 38.3 69.1 79.0 61		1.0 0.419 0.0	60.5 49.8 66.1 82.7 53	1.0 0.383 0.0	1.0 0.392 0.0	59.4 52.8 65.1 83.8 51	1.0 0.383 0.0								
62	54	52	1.0 0.532 0.0	65.6 37.0 69.6 78.8 62		1.0 0.432 0.0	61.1 48.3 66.5 82.2 54	1.0 0.4 0.0	1.0 0.405 0.0	59.9 51.3 65.6 83.3 52	1.0 0.4 0.0								
63	55	53	1.0 0.542 0.0	66.2 35.7 70.0 78.6 63		1.0 0.446 0.0	61.7 46.8 66.9 81.6 55	1.0 0.417 0.0	1.0 0.419 0.0	60.5 49.8 66.1 82.7 53	1.0 0.417 0.0								
64	56	54	1.0 0.553 0.0	66.7 34.4 70.4 78.4 64		1.0 0.459 0.0	62.2 45.4 67.2 81.1 56	1.0 0.433 0.0	1.0 0.432 0.0	61.1 48.3 66.5 82.2 54	1.0 0.433 0.0								
65	57	56	1.0 0.564 0.0	67.3 33.0 70.8 78.2 65		1.0 0.472 0.0	62.8 43.9 67.6 80.6 57	1.0 0.45 0.0	1.0 0.459 0.0	62.2 45.4 67.2 81.1 56	1.0 0.45 0.0								
66	58	57	1.0 0.575 0.0	67.8 31.7 71.2 78.0 66		1.0 0.486 0.0	63.4 42.4 67.9 80.0 58	1.0 0.467 0.0	1.0 0.472 0.0	62.8 43.9 67.6 80.6 57	1.0 0.467 0.0								
67	59	58	1.0 0.586 0.0	68.3 30.4 71.6 77.7 67		1.0 0.499 0.0	64.0 40.9 68.1 79.5 59	1.0 0.483 0.0	1.0 0.486 0.0	63.4 42.4 67.9 80.0 58	1.0 0.483 0.0								
68	60	59	1.0 0.596 0.0	68.9 29.0 71.9 77.5 68		1.0 0.51 0.0	64.5 39.6 68.6 79.2 60	1.0 0.5 0.0	1.0 0.499 0.0	64.0 40.9 68.1 79.5 59	1.0 0.5 0.0								
69	61	60	1.0 0.607 0.0	69.4 27.7 72.2 77.3 69		1.0 0.521 0.0	65.1 38.3 69.1 79.0 61	1.0 0.517 0.0	1.0 0.51 0.0	64.5 39.6 68.6 79.2 60	1.0 0.517 0.0								
70	62	61	1.0 0.618 0.0	70.0 26.4 72.5 77.1 70		1.0 0.532 0.0	65.6 37.0 69.6 78.8 62	1.0 0.533 0.0	1.0 0.521 0.0	65.1 38.3 69.1 79.0 61	1.0 0.533 0.0								
71	63	62	1.0 0.629 0.0	70.6 25.1 72.8 77.0 71		1.0 0.542 0.0	66.2 35.7 70.0 78.6 63	1.0 0.55 0.0	1.0 0.532 0.0	65.6 37.0 69.6 78.8 62	1.0 0.55 0.0								
72	64	63	1.0 0.639 0.0	71.1 23.8 73.4 77.1 72		1.0 0.553 0.0	66.7 34.4 70.4 78.4 64	1.0 0.567 0.0	1.0 0.542 0.0	66.2 35.7 70.0 78.6 63	1.0 0.567 0.0								
73	65	64	1.0 0.649 0.0	71.7 22.6 73.9 77.2 73		1.0 0.564 0.0	67.3 33.0 70.8 78.2 65	1.0 0.583 0.0	1.0 0.553 0.0	66.7 34.4 70.4 78.4 64	1.0 0.583 0.0								
74	66	66	1.0 0.659 0.0	72.3 21.3 74.4 77.4 74		1.0 0.575 0.0	67.8 31.7 71.2 78.0 66	1.0 0.6 0.0	1.0 0.575 0.0	67.8 31.7 71.2 78.0 66	1.0 0.6 0.0								
75	67	67	1.0 0.67 0.0	72.9 20.1 74.8 77.5 75		1.0 0.586 0.0	68.3 30.4 71.6 77.7 67	1.0 0.617 0.0	1.0 0.586 0.0	68.3 30.4 71.6 77.7 67	1.0 0.617 0.0								
76	68	68	1.0 0.68 0.0	73.4 18.8 75.3 77.6 76		1.0 0.596 0.0	68.9 29.0 71.9 77.5 68	1.0 0.633 0.0	1.0 0.596 0.0	68.9 29.0 71.9 77.5 68	1.0 0.633 0.0								
77	69	69	1.0 0.69 0.0	74.0 17.5 75.7 77.7 77		1.0 0.607 0.0	69.4 27.7 72.2 77.3 69	1.0 0.65 0.0	1.0 0.607 0.0	69.4 27.7 72.2 77.3 69	1.0 0.65 0.0								
78	70	70	1.0 0.7 0.0	74.6 16.2 76.1 77.8 78		1.0 0.618 0.0	70.0 26.4 72.5 77.1 70	1.0 0.667 0.0	1.0 0.618 0.0	70.0 26.4 72.5 77.1 70	1.0 0.667 0.0								
79	71	71	1.0 0.711 0.0	75.2 14.9 76.5 77.9 79		1.0 0.629 0.0	70.6 25.1 72.8 77.0 71	1.0 0.683 0.0	1.0 0.629 0.0	70.6 25.1 72.8 77.0 71	1.0 0.683 0.0								
80	72	72	1.0 0.721 0.0	75.8 13.6 76.9 78.0 80		1.0 0.639 0.0	71.1 23.8 73.4 77.1 72	1.0 0.7 0.0	1.0 0.639 0.0	71.1 23.8 73.4 77.1 72	1.0 0.7 0.0								
81	73	73	1.0 0.731 0.0	76.3 12.2 77.2 78.2 81		1.0 0.649 0.0	71.7 22.6 73.9 77.2 73	1.0 0.717 0.0	1.0 0.649 0.0	71.7 22.6 73.9 77.2 73	1.0 0.717 0.0								
82	74	74	1.0 0.741 0.0	76.9 10.9 77.5 78.3 82		1.0 0.659 0.0	72.3 21.3 74.4 77.4 74	1.0 0.733 0.0	1.0 0.659 0.0	72.3 21.3 74.4 77.4 74	1.0 0.733 0.0								
83	75	76	1.0 0.752 0.0	77.5 9.6 77.9 78.4 83		1.0 0.67 0.0	72.9 20.1 74.8 77.5 75	1.0 0.75 0.0	1.0 0.68 0.0	73.4 18.8 75.3 77.6 76	1.0 0.75 0.0								

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 38.3, 103.0, 136.3, 196.4, 305.7, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
83	75	76	1.0 0.752 0.0	77.5 9.6 77.9 78.4 83	1.0 0.67 0.0	72.9 20.1 74.8 77.5 75	1.0 0.75 0.0	1.0 0.68 0.0	73.4 18.8 75.3 77.6 76	1.0 0.75 0.0		
84	76	77	1.0 0.763 0.0	78.2 8.2 78.5 79.8 84	1.0 0.68 0.0	73.4 18.8 75.3 77.6 76	1.0 0.767 0.0	1.0 0.69 0.0	74.0 17.5 75.7 77.7 77	1.0 0.767 0.0		
85	77	78	1.0 0.774 0.0	78.9 6.9 79.1 79.4 85	1.0 0.69 0.0	74.0 17.5 75.7 77.7 77	1.0 0.783 0.0	1.0 0.7 0.0	74.6 16.2 76.1 77.8 78	1.0 0.783 0.0		
86	78	79	1.0 0.785 0.0	79.5 5.6 79.6 79.8 86	1.0 0.7 0.0	74.6 16.2 76.1 77.8 78	1.0 0.8 0.0	1.0 0.711 0.0	75.2 14.9 76.5 77.9 79	1.0 0.8 0.0		
87	79	80	1.0 0.797 0.0	80.2 4.2 80.2 80.3 87	1.0 0.711 0.0	75.2 14.9 76.5 77.9 79	1.0 0.817 0.0	1.0 0.721 0.0	75.8 13.6 76.9 78.0 80	1.0 0.817 0.0		
88	80	81	1.0 0.808 0.0	80.9 2.8 80.7 80.8 88	1.0 0.721 0.0	75.8 13.6 76.9 78.0 80	1.0 0.833 0.0	1.0 0.731 0.0	76.3 12.2 77.2 78.2 81	1.0 0.833 0.0		
89	81	82	1.0 0.819 0.0	81.6 1.4 81.2 81.2 89	1.0 0.731 0.0	76.3 12.2 77.2 78.2 81	1.0 0.85 0.0	1.0 0.741 0.0	76.9 10.9 77.5 78.3 82	1.0 0.85 0.0		
90	82	83	1.0 0.831 0.0	82.2 0.0 81.7 81.7 90	1.0 0.741 0.0	76.9 10.9 77.5 78.3 82	1.0 0.867 0.0	1.0 0.752 0.0	77.5 9.6 77.9 78.4 83	1.0 0.867 0.0		
91	83	85	1.0 0.842 0.0	82.9 -1.3 82.2 82.2 91	1.0 0.752 0.0	77.5 9.6 77.9 78.4 83	1.0 0.883 0.0	1.0 0.774 0.0	78.9 6.9 79.1 79.4 85	1.0 0.883 0.0		
92	84	86	1.0 0.853 0.0	83.6 -2.8 82.6 82.6 92	1.0 0.763 0.0	78.2 8.2 78.5 78.9 84	1.0 0.9 0.0	1.0 0.785 0.0	79.5 5.6 79.6 79.8 86	1.0 0.9 0.0		
93	85	87	1.0 0.864 0.0	84.3 -4.2 83.0 83.1 93	1.0 0.774 0.0	78.9 6.9 79.1 79.4 85	1.0 0.917 0.0	1.0 0.797 0.0	80.2 4.2 80.2 80.3 87	1.0 0.917 0.0		
94	86	88	1.0 0.876 0.0	85.0 -5.7 83.4 83.6 94	1.0 0.785 0.0	79.5 5.6 79.6 79.8 86	1.0 0.933 0.0	1.0 0.808 0.0	80.9 2.8 80.7 80.8 88	1.0 0.933 0.0		
95	87	89	1.0 0.89 0.0	85.8 -7.3 84.2 84.5 95	1.0 0.797 0.0	80.2 4.2 80.2 80.3 87	1.0 0.95 0.0	1.0 0.819 0.0	81.6 1.4 81.2 81.2 89	1.0 0.95 0.0		
96	88	90	1.0 0.904 0.0	86.7 -8.8 84.9 85.4 96	1.0 0.808 0.0	80.9 2.8 80.7 80.8 88	1.0 0.967 0.0	1.0 0.831 0.0	82.2 0.0 81.7 81.7 90	1.0 0.967 0.0		
97	89	91	1.0 0.917 0.0	87.5 -10.4 85.6 86.3 97	1.0 0.819 0.0	81.6 1.4 81.2 81.2 89	1.0 0.983 0.0	1.0 0.842 0.0	82.9 -1.3 82.2 82.2 91	1.0 0.983 0.0		
98	90	92	1.0 0.931 0.0	88.4 -12.0 86.3 87.2 98	1.0 0.831 0.0	82.2 0.0 81.7 81.7 90	1.0 1.0 0.0 $J_s$	1.0 0.853 0.0	83.6 -2.8 82.6 82.6 92	1.0 1.0 0.0 $J_e$		
99	91	93	1.0 0.945 0.0	89.3 -13.7 87.0 88.1 99	1.0 0.842 0.0	82.9 -1.3 82.2 82.2 91	1.0 0.983 1.0 0.0	1.0 0.864 0.0	84.3 -4.2 83.0 83.1 93	1.0 0.983 1.0 0.0		
100	92	95	1.0 0.959 0.0	90.1 -15.3 87.6 88.9 100	1.0 0.853 0.0	83.6 -2.8 82.6 82.6 92	1.0 0.967 1.0 0.0	1.0 0.89 0.0	85.8 -7.3 84.2 84.5 95	1.0 0.967 1.0 0.0		
101	93	96	1.0 0.973 0.0	91.0 -17.0 88.2 89.8 101	1.0 0.864 0.0	84.3 -4.2 83.0 83.1 93	1.0 0.95 1.0 0.0	1.0 0.904 0.0	86.7 -8.8 84.9 85.4 96	1.0 0.95 1.0 0.0		
102	94	97	1.0 0.987 0.0	91.8 -18.8 88.7 90.7 102 $J_d$	1.0 0.876 0.0	85.0 -5.7 83.4 83.6 94	1.0 0.933 1.0 0.0	1.0 0.917 0.0	87.5 -10.4 85.6 86.3 97	1.0 0.933 1.0 0.0		
103	95	98	0.999 1.0 0.0	92.7 -20.5 89.2 91.6 103	1.0 0.89 0.0	85.8 -7.3 84.2 84.5 95	1.0 0.917 1.0 0.0	1.0 0.931 0.0	88.4 -12.0 86.3 87.2 98	1.0 0.917 1.0 0.0		
104	96	99	0.983 1.0 0.0	92.4 -22.1 89.0 91.7 104	1.0 0.904 0.0	86.7 -8.8 84.9 85.4 96	1.0 0.9 1.0 0.0	1.0 0.945 0.0	89.3 -13.7 87.0 88.1 99	1.0 0.9 1.0 0.0		
105	97	100	0.967 1.0 0.0	92.1 -23.7 88.7 91.8 105	1.0 0.917 0.0	87.5 -10.4 85.6 86.3 97	1.0 0.883 1.0 0.0	1.0 0.959 0.0	90.1 -15.3 87.6 88.9 100	1.0 0.883 1.0 0.0		
106	98	102	0.951 1.0 0.0	91.8 -25.3 88.4 92.0 106	1.0 0.931 0.0	88.4 -12.0 86.3 87.2 98	1.0 0.867 1.0 0.0	1.0 0.987 0.0	91.8 -18.8 88.7 90.7 102	1.0 0.867 1.0 0.0		
107	99	103	0.935 1.0 0.0	91.5 -26.8 88.1 92.1 107	1.0 0.945 0.0	89.3 -13.7 87.0 88.1 99	1.0 0.85 1.0 0.0	1.0 0.999 1.0 0.0	92.7 -20.5 89.2 91.6 103	1.0 0.85 1.0 0.0		
108	100	104	0.919 1.0 0.0	91.3 -28.4 87.7 92.2 108	1.0 0.959 0.0	90.1 -15.3 87.6 88.9 100	1.0 0.833 1.0 0.0	1.0 0.983 1.0 0.0	92.4 -22.1 89.0 91.7 104	1.0 0.833 1.0 0.0		
109	101	105	0.903 1.0 0.0	91.0 -30.0 87.3 92.4 109	1.0 0.973 0.0	91.0 -17.0 88.2 89.8 101	1.0 0.817 1.0 0.0	1.0 0.967 1.0 0.0	92.1 -23.7 88.7 91.8 105	1.0 0.817 1.0 0.0		
110	102	106	0.887 1.0 0.0	90.7 -31.5 86.9 92.5 110	1.0 0.987 0.0	91.8 -18.8 88.7 90.7 102	0.8 1.0 0.0	0.951 1.0 0.0	91.8 -25.3 88.4 92.0 106	0.8 1.0 0.0		
111	103	107	0.871 1.0 0.0	90.4 -33.1 86.5 92.7 111	0.999 1.0 0.0	92.7 -20.5 89.2 91.6 103	1.0 0.783 1.0 0.0	0.935 1.0 0.0	91.5 -26.8 88.1 92.1 107	1.0 0.783 1.0 0.0		
112	104	109	0.853 1.0 0.0	90.2 -34.8 86.3 93.1 112	0.983 1.0 0.0	92.4 -22.1 89.0 91.7 104	1.0 0.767 1.0 0.0	0.903 1.0 0.0	91.0 -30.0 87.3 92.4 109	1.0 0.767 1.0 0.0		
113	105	110	0.835 1.0 0.0	89.9 -36.4 86.0 93.5 113	0.967 1.0 0.0	92.1 -23.7 88.7 91.8 105	0.75 1.0 0.0	0.887 1.0 0.0	90.7 -31.5 86.9 92.5 110	0.75 1.0 0.0		
114	106	111	0.818 1.0 0.0	89.6 -38.1 85.7 93.9 114	0.951 1.0 0.0	91.8 -25.3 88.4 92.0 106	0.733 1.0 0.0	0.871 1.0 0.0	90.4 -33.1 86.5 92.7 111	0.733 1.0 0.0		
115	107	112	0.8 1.0 0.0	89.4 -39.7 85.4 94.2 115	0.935 1.0 0.0	91.5 -26.8 88.1 92.1 107	0.717 1.0 0.0	0.853 1.0 0.0	90.2 -34.8 86.3 93.1 112	0.717 1.0 0.0		
116	108	113	0.783 1.0 0.0	89.1 -41.4 85.1 94.6 116	0.919 1.0 0.0	91.3 -28.4 87.7 92.2 108	0.7 1.0 0.0	0.835 1.0 0.0	89.9 -36.4 86.0 93.5 113	0.7 1.0 0.0		
117	109	114	0.765 1.0 0.0	88.8 -43.0 84.7 95.0 117	0.903 1.0 0.0	91.0 -30.0 87.3 92.4 109	0.683 1.0 0.0	0.818 1.0 0.0	89.6 -38.1 85.7 93.9 114	0.683 1.0 0.0		
118	110	116	0.747 1.0 0.0	88.6 -44.7 84.3 95.4 118	0.887 1.0 0.0	90.7 -31.5 86.9 92.5 110	0.667 1.0 0.0	0.783 1.0 0.0	89.1 -41.4 85.1 94.6 116	0.667 1.0 0.0		
119	111	117	0.726 1.0 0.0	88.3 -46.5 84.0 96.1 119	0.871 1.0 0.0	90.4 -33.1 86.5 92.7 111	0.65 1.0 0.0	0.765 1.0 0.0	88.8 -43.0 84.7 95.0 117	0.65 1.0 0.0		
120	112	118	0.705 1.0 0.0	88.0 -48.3 83.8 96.7 120	0.853 1.0 0.0	90.2 -34.8 86.3 93.1 112	0.633 1.0 0.0	0.747 1.0 0.0	88.6 -44.7 84.3 95.4 118	0.633 1.0 0.0		
121	113	119	0.684 1.0 0.0	87.8 -50.0 83.5 97.4 121	0.835 1.0 0.0	89.9 -36.4 86.0 93.5 113	0.617 1.0 0.0	0.726 1.0 0.0	88.3 -46.5 84.0 96.1 119	0.617 1.0 0.0		
122	114	120	0.664 1.0 0.0	87.5 -51.8 83.1 98.0 122	0.818 1.0 0.0	89.6 -38.1 85.7 93.9 114	0.6 1.0 0.0	0.705 1.0 0.0	88.0 -48.3 83.8 96.7 120	0.6 1.0 0.0		
123	115	121	0.643 1.0 0.0	87.2 -53.6 82.7 98.7 123	0.8 1.0 0.0	89.4 -39.7 85.4 94.2 115	0.583 1.0 0.0	0.684 1.0 0.0	87.8 -50.0 83.5 97.4 121	0.583 1.0 0.0		
124	116	123	0.621 1.0 0.0	87.0 -55.4 82.4 99.3 124	0.783 1.0 0.0	89.1 -41.4 85.1 94.6 116	0.567 1.0 0.0	0.643 1.0 0.0	87.2 -53.6 82.7 98.7 123	0.567 1.0 0.0		
125	117	124	0.595 1.0 0.0	86.7 -57.4 82.1 100.2 125	0.765 1.0 0.0	88.8 -43.0 84.7 95.0 117	0.55 1.0 0.0	0.621 1.0 0.0	87.0 -55.4 82.4 99.3 124	0.55 1.0 0.0		
126	118	125	0.569 1.0 0.0	86.5 -59.3 81.8 101.1 126	0.747 1.0 0.0	88.6 -44.7 84.3 95.4 118	0.533 1.0 0.0	0.595 1.0 0.0	86.7 -57.4 82.1 100.2 125	0.533 1.0 0.0		
127	119	126	0.542 1.0 0.0	86.2 -61.3 81.5 102.0 127	0.726 1.0 0.0	88.3 -46.5 84.0 96.1 119	0.517 1.0 0.0	0.569 1.0 0.0	86.5 -59.3 81.8 101.1 126	0.517 1.0 0.0		
128	120	127	0.516 1.0 0.0	85.9 -63.3 81.1 102.9 128	0.705 1.0 0.0	88.0 -48.3 83.8 96.7 120	0.5 1.0 0.0	0.542 1.0 0.0	86.2 -61.3 81.5 102.0 127	0.5 1.0 0.0		

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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: $h_{ab,d} = 38.3, 103.0, 136.3, 196.4, 305.7, 328.2$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																										
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$			$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$			$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$			$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$								
128	120	127	0.516 1.0 0.0	85.9 -63.8 81.1	102.9	128	0.705 1.0 0.0	88.0 -48.3 83.8	96.7	120	0.5 1.0 0.0	0.542 1.0 0.0	86.2 -61.3 81.5	102.0	127	0.5 1.0 0.0	0.0									
129	121	128	0.486 1.0 0.0	85.7 -65.3 80.8	103.9	129	0.684 1.0 0.0	87.8 -50.0 83.5	97.4	121	0.483 1.0 0.0	0.516 1.0 0.0	85.9 -63.3 81.1	102.9	128	0.483 1.0 0.0	0.0									
130	122	130	0.45 1.0 0.0	85.4 -67.4 80.5	105.1	130	0.664 1.0 0.0	87.5 -51.8 83.1	98.0	122	0.467 1.0 0.0	0.45 1.0 0.0	85.4 -67.4 80.5	105.1	130	0.467 1.0 0.0	0.0									
131	123	131	0.415 1.0 0.0	85.1 -69.6 80.1	106.2	131	0.643 1.0 0.0	87.2 -53.6 82.7	98.7	123	0.45 1.0 0.0	0.415 1.0 0.0	85.1 -69.6 80.1	106.2	131	0.45 1.0 0.0	0.0									
132	124	132	0.379 1.0 0.0	84.9 -71.7 79.8	107.3	132	0.621 1.0 0.0	87.0 -55.4 82.4	99.3	124	0.433 1.0 0.0	0.379 1.0 0.0	84.9 -71.7 79.8	107.3	132	0.433 1.0 0.0	0.0									
133	125	133	0.327 1.0 0.0	84.6 -74.0 79.4	108.6	133	0.595 1.0 0.0	86.7 -57.4 82.1	100.2	125	0.417 1.0 0.0	0.327 1.0 0.0	84.6 -74.0 79.4	108.6	133	0.417 1.0 0.0	0.0									
134	126	134	0.274 1.0 0.0	84.3 -76.3 79.1	110.0	134	0.569 1.0 0.0	86.5 -59.3 81.8	101.1	126	0.4 1.0 0.0	0.274 1.0 0.0	84.3 -76.3 79.1	110.0	134	0.4 1.0 0.0	0.0									
135	127	135	0.196 1.0 0.0	84.1 -78.7 78.8	111.4	135	0.542 1.0 0.0	86.2 -61.3 81.5	102.0	127	0.383 1.0 0.0	0.196 1.0 0.0	84.1 -78.7 78.8	111.4	135	0.383 1.0 0.0	0.0									
136	128	137	0.062 1.0 0.0	83.8 -81.1 78.4	112.9	136	$G_d$ 0.516 1.0 0.0	85.9 -63.3 81.1	102.9	128	0.367 1.0 0.0	0.0 1.0 0.0	0.097 83.8 -81.3 75.9	111.2	137	0.367 1.0 0.0	0.0									
137	129	138	0.0 1.0 0.097	83.8 -81.3 75.9	111.2	137	0.486 1.0 0.0	85.7 -65.3 80.8	103.9	129	0.35 1.0 0.0	0.0 1.0 0.0	0.168 83.8 -80.6 72.7	108.6	138	0.35 1.0 0.0	0.0									
138	130	139	0.0 1.0 0.168	83.8 -80.6 72.7	108.6	138	0.45 1.0 0.0	85.4 -67.4 80.5	105.1	130	0.333 1.0 0.0	0.0 1.0 0.0	0.222 83.9 -79.9 69.6	106.1	139	0.333 1.0 0.0	0.0									
139	131	140	0.0 1.0 0.222	83.9 -79.9 69.6	106.1	139	0.415 1.0 0.0	85.1 -69.6 80.1	106.2	131	0.317 1.0 0.0	0.0 1.0 0.0	0.266 83.9 -79.3 66.6	103.6	140	0.317 1.0 0.0	0.0									
140	132	141	0.0 1.0 0.266	83.9 -79.3 66.6	103.6	140	0.379 1.0 0.0	84.9 -71.7 79.8	107.3	132	0.3 1.0 0.0	0.0 1.0 0.0	0.299 84.0 -78.6 63.8	101.3	141	0.3 1.0 0.0	0.0									
141	133	142	0.0 1.0 0.299	84.0 -78.6 63.8	101.3	141	0.327 1.0 0.0	84.6 -74.0 79.4	108.6	133	0.283 1.0 0.0	0.0 1.0 0.0	0.331 84.0 -77.9 60.9	99.0	142	0.283 1.0 0.0	0.0									
142	134	144	0.0 1.0 0.331	84.0 -77.9 60.9	99.0	142	0.274 1.0 0.0	84.3 -76.3 79.1	110.0	134	0.267 1.0 0.0	0.0 1.0 0.0	0.391 84.1 -76.4 55.6	94.6	144	0.267 1.0 0.0	0.0									
143	135	145	0.0 1.0 0.364	84.1 -77.1 58.2	96.7	143	0.196 1.0 0.0	84.1 -78.7 78.8	111.4	135	0.25 1.0 0.0	0.0 1.0 0.0	0.414 84.2 -75.8 53.1	92.7	145	0.25 1.0 0.0	0.0									
144	136	146	0.0 1.0 0.391	84.1 -76.4 55.6	94.6	144	0.062 1.0 0.0	83.8 -81.1 78.4	112.9	136	0.233 1.0 0.0	0.0 1.0 0.0	0.437 84.3 -75.1 50.7	90.7	146	0.233 1.0 0.0	0.0									
145	137	147	0.0 1.0 0.414	84.2 -75.8 53.1	92.7	145	0.0 1.0 0.097	83.8 -81.3 75.9	111.2	137	0.217 1.0 0.0	0.0 1.0 0.0	0.461 84.3 -74.3 48.3	88.7	147	0.217 1.0 0.0	0.0									
146	138	148	0.0 1.0 0.437	84.3 -75.1 50.7	90.7	146	0.0 1.0 0.168	83.8 -80.6 72.7	108.6	138	0.2 1.0 0.0	0.0 1.0 0.0	0.484 84.4 -73.5 46.0	86.8	148	0.2 1.0 0.0	0.0									
147	139	149	0.0 1.0 0.461	84.3 -74.3 48.3	88.7	147	0.0 1.0 0.222	83.9 -79.9 69.6	106.1	139	0.183 1.0 0.0	0.0 1.0 0.0	0.505 84.5 -72.7 43.7	84.9	149	0.183 1.0 0.0	0.0									
148	140	151	0.0 1.0 0.484	84.4 -73.5 46.0	86.8	148	0.0 1.0 0.266	83.9 -79.3 66.6	103.6	140	0.167 1.0 0.0	0.0 1.0 0.0	0.54 84.6 -71.5 39.7	81.8	151	0.167 1.0 0.0	0.0									
149	141	152	0.0 1.0 0.505	84.5 -72.7 43.7	84.9	149	0.0 1.0 0.299	84.0 -78.6 63.8	101.3	141	0.15 1.0 0.0	0.0 1.0 0.0	0.557 84.6 -70.8 37.7	80.3	152	0.15 1.0 0.0	0.0									
150	142	153	0.0 1.0 0.523	84.5 -72.1 41.7	83.4	150	0.0 1.0 0.331	84.0 -77.9 60.9	99.0	142	0.133 1.0 0.0	0.0 1.0 0.0	0.575 84.7 -70.1 35.8	78.8	153	0.133 1.0 0.0	0.0									
151	143	154	0.0 1.0 0.54	84.6 -71.5 39.7	81.8	151	0.0 1.0 0.364	84.1 -77.1 58.2	96.7	143	0.117 1.0 0.0	0.0 1.0 0.0	0.592 84.8 -69.3 33.8	77.2	154	0.117 1.0 0.0	0.0									
152	144	155	0.0 1.0 0.557	84.6 -70.8 37.7	80.3	152	0.0 1.0 0.391	84.1 -76.4 55.6	94.6	144	0.1 1.0 0.0	0.0 1.0 0.0	0.609 84.8 -68.5 32.0	75.7	155	0.1 1.0 0.0	0.0									
153	145	156	0.0 1.0 0.575	84.7 -70.1 35.8	78.8	153	0.0 1.0 0.414	84.2 -75.8 53.1	92.7	145	0.083 1.0 0.0	0.0 1.0 0.0	0.626 84.9 -67.6 30.2	74.2	156	0.083 1.0 0.0	0.0									
154	146	158	0.0 1.0 0.592	84.8 -69.3 33.8	77.2	154	0.0 1.0 0.437	84.3 -75.1 50.7	90.7	146	0.067 1.0 0.0	0.0 1.0 0.0	0.652 85.0 -66.6 26.9	71.9	158	0.067 1.0 0.0	0.0									
155	147	159	0.0 1.0 0.609	84.8 -68.5 32.0	75.7	155	0.0 1.0 0.461	84.3 -74.3 48.3	88.7	147	0.05 1.0 0.0	0.0 1.0 0.0	0.665 85.0 -66.0 25.4	70.8	159	0.05 1.0 0.0	0.0									
156	148	160	0.0 1.0 0.626	84.9 -67.6 30.2	74.2	156	0.0 1.0 0.484	84.4 -73.5 46.0	86.8	148	0.033 1.0 0.0	0.0 1.0 0.0	0.678 85.1 -65.4 23.8	69.7	160	0.033 1.0 0.0	0.0									
157	149	161	0.0 1.0 0.639	84.9 -67.1 28.5	73.0	157	0.0 1.0 0.505	84.5 -72.7 43.7	84.9	149	0.017 1.0 0.0	0.0 1.0 0.0	0.691 85.2 -64.7 22.3	68.6	161	0.017 1.0 0.0	0.0									
158	150	162	0.0 1.0 0.652	85.0 -66.6 26.9	71.9	158	0.0 1.0 0.523	84.5 -72.1 41.7	83.4	150	0.0 1.0 0.0	0.0 1.0 0.0	0.703 85.2 -64.1 20.8	67.5	162	0.0 1.0 0.0	0.0 0.0G <sub>e</sub>									
159	151	163	0.0 1.0 0.665	85.0 -66.0 25.4	70.8	159	0.0 1.0 0.54	84.6 -71.5 39.7	81.8	151	0.0 0.017	0.0 1.0 0.0	0.716 85.3 -63.3 19.4	66.3	163	0.0 1.0 0.0	0.0 0.017									
160	152	164	0.0 1.0 0.678	85.1 -65.4 23.8	69.7	160	0.0 1.0 0.557	84.6 -70.8 37.7	80.3	152	0.0 0.033	0.0 1.0 0.0	0.729 85.3 -62.6 18.0	65.2	164	0.0 1.0 0.0	0.0 0.033									
161	153	165	0.0 1.0 0.691	85.2 -64.7 22.3	68.6	161	0.0 1.0 0.575	84.7 -70.1 35.8	78.8	153	0.0 0.05	0.0 1.0 0.0	0.742 85.4 -61.8 16.6	64.1	165	0.0 1.0 0.0	0.0 0.05									
162	154	166	0.0 1.0 0.703	85.2 -64.1 20.8	67.5	162	0.0 1.0 0.592	84.8 -69.3 33.8	77.2	154	0.0 0.067	0.0 1.0 0.0	0.754 85.5 -61.2 15.3	63.1	166	0.0 1.0 0.0	0.0 0.067									
163	155	167	0.0 1.0 0.716	85.3 -63.3 19.4	66.3	163	0.0 1.0 0.609	84.8 -68.5 32.0	75.7	155	0.0 0.083	0.0 1.0 0.0	0.763 85.5 -60.7 14.0	62.4	167	0.0 1.0 0.0	0.0 0.083									
164	156	168	0.0 1.0 0.729	85.3 -62.6 18.0	65.2	164	0.0 1.0 0.626	84.9 -67.6 30.2	74.2	156	0.0 0.1	0.0 1.0 0.0	0.772 85.6 -60.3 12.8	61.7	168	0.0 1.0 0.0	0.0 0.1									
165	157	169	0.0 1.0 0.742	85.4 -61.8 16.6	64.1	165	0.0 1.0 0.639	84.9 -67.1 28.5	73.0	157	0.0 0.117	0.0 1.0 0.0	0.782 85.6 -59.8 11.6	61.0	169	0.0 1.0 0.0	0.0 0.117									
166	158	170	0.0 1.0 0.754	85.5 -61.2 15.3	63.1	166	0.0 1.0 0.652	85.0 -66.6 26.9	71.9	158	0.0 0.133	0.0 1.0 0.0	0.791 85.7 -59.3 10.5	60.3	170	0.0 1.0 0.0	0.0 0.133									
167	159	170	0.0 1.0 0.763	85.5 -60.7 14.0	62.4	167	0.0 1.0 0.665	85.0 -66.0 25.4	70.8	159	0.0 0.15	0.0 1.0 0.0	0.791													

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 38.3, 103.0, 136.3, 196.4, 305.7, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
173	165	176	0.0 1.0 0.82	85.8 -57.7 7.1	58.2 173	0.0 1.0 0.742	85.4 -61.8 16.6	64.1 165	0.0 1.0 0.25	0.0 1.0 0.848	86.0 -55.8 3.9	56.1 176	0.0 1.0 0.25
174	166	177	0.0 1.0 0.829	85.9 -57.1 6.0	57.5 174	0.0 1.0 0.754	85.5 -61.2 15.3	63.1 166	0.0 1.0 0.267	0.0 1.0 0.857	86.0 -55.2 2.9	55.4 177	0.0 1.0 0.267
175	167	178	0.0 1.0 0.839	85.9 -56.5 4.9	56.8 175	0.0 1.0 0.763	85.5 -60.7 14.0	62.4 167	0.0 1.0 0.283	0.0 1.0 0.867	86.1 -54.5 1.9	54.6 178	0.0 1.0 0.283
176	168	179	0.0 1.0 0.848	86.0 -55.8 3.9	56.1 176	0.0 1.0 0.772	85.6 -60.3 12.8	61.7 168	0.0 1.0 0.3	0.0 1.0 0.876	86.1 -53.9 0.9	54.0 179	0.0 1.0 0.3
177	169	180	0.0 1.0 0.857	86.0 -55.2 2.9	55.4 177	0.0 1.0 0.782	85.6 -59.8 11.6	61.0 169	0.0 1.0 0.317	0.0 1.0 0.883	86.2 -53.5 0.0	53.6 180	0.0 1.0 0.317
178	170	180	0.0 1.0 0.867	86.1 -54.5 1.9	54.6 178	0.0 1.0 0.791	85.7 -59.3 10.5	60.3 170	0.0 1.0 0.333	0.0 1.0 0.883	86.2 -53.5 0.0	53.6 180	0.0 1.0 0.333
179	171	181	0.0 1.0 0.876	86.1 -53.9 0.9	54.0 179	0.0 1.0 0.801	85.7 -58.8 9.3	59.6 171	0.0 1.0 0.35	0.0 1.0 0.89	86.2 -53.2 -0.8	53.3 181	0.0 1.0 0.35
180	172	182	0.0 1.0 0.883	86.2 -53.5 0.0	53.6 180	0.0 1.0 0.81	85.8 -58.2 8.2	58.9 172	0.0 1.0 0.367	0.0 1.0 0.897	86.3 -52.8 -1.7	52.9 182	0.0 1.0 0.367
181	173	183	0.0 1.0 0.89	86.2 -53.2 -0.8	53.3 181	0.0 1.0 0.82	85.8 -57.7 7.1	58.2 173	0.0 1.0 0.383	0.0 1.0 0.905	86.3 -52.4 -2.6	52.5 183	0.0 1.0 0.383
182	174	184	0.0 1.0 0.897	86.3 -52.8 -1.7	52.9 182	0.0 1.0 0.829	85.9 -57.1 6.0	57.5 174	0.0 1.0 0.4	0.0 1.0 0.912	86.4 -52.0 -3.5	52.2 184	0.0 1.0 0.4
183	175	185	0.0 1.0 0.905	86.3 -52.4 -2.6	52.5 183	0.0 1.0 0.839	85.9 -56.5 4.9	56.8 175	0.0 1.0 0.417	0.0 1.0 0.919	86.4 -51.5 -4.4	51.8 185	0.0 1.0 0.417
184	176	186	0.0 1.0 0.912	86.4 -52.0 -3.5	52.2 184	0.0 1.0 0.848	86.0 -55.8 3.9	56.1 176	0.0 1.0 0.433	0.0 1.0 0.926	86.5 -51.1 -5.3	51.5 186	0.0 1.0 0.433
185	177	187	0.0 1.0 0.919	86.4 -51.5 -4.4	51.8 185	0.0 1.0 0.857	86.0 -55.2 2.9	55.4 177	0.0 1.0 0.45	0.0 1.0 0.933	86.5 -50.6 -6.1	51.1 187	0.0 1.0 0.45
186	178	188	0.0 1.0 0.926	86.5 -51.1 -5.3	51.5 186	0.0 1.0 0.867	86.1 -54.5 1.9	54.6 178	0.0 1.0 0.467	0.0 1.0 0.94	86.5 -50.1 -7.0	50.7 188	0.0 1.0 0.467
187	179	189	0.0 1.0 0.933	86.5 -50.6 -6.1	51.1 187	0.0 1.0 0.876	86.1 -53.9 9.0	54.0 179	0.0 1.0 0.483	0.0 1.0 0.947	86.6 -49.6 -7.8	50.4 189	0.0 1.0 0.483
188	180	190	0.0 1.0 0.94	86.5 -50.1 -7.0	50.7 188	0.0 1.0 0.883	86.2 -53.5 0.0	53.6 180	0.0 1.0 0.5	0.0 1.0 0.954	86.6 -49.1 -8.6	50.0 190	0.0 1.0 0.5
189	181	191	0.0 1.0 0.947	86.6 -49.6 -7.8	50.4 189	0.0 1.0 0.89	86.2 -53.2 -0.8	53.3 181	0.0 1.0 0.517	0.0 1.0 0.962	86.7 -48.6 -9.4	49.6 191	0.0 1.0 0.517
190	182	191	0.0 1.0 0.954	86.6 -49.1 -8.6	50.0 190	0.0 1.0 0.897	86.3 -52.8 -1.7	52.9 182	0.0 1.0 0.533	0.0 1.0 0.962	86.7 -48.6 -9.4	49.6 191	0.0 1.0 0.533
191	183	192	0.0 1.0 0.962	86.7 -48.6 -9.4	49.6 191	0.0 1.0 0.905	86.3 -52.4 -2.6	52.5 183	0.0 1.0 0.55	0.0 1.0 0.969	86.7 -48.1 -10.1	49.3 192	0.0 1.0 0.55
192	184	193	0.0 1.0 0.969	86.7 -48.1 -10.1	49.3 192	0.0 1.0 0.912	86.4 -52.0 -3.5	52.2 184	0.0 1.0 0.567	0.0 1.0 0.976	86.8 -47.6 -10.9	48.9 193	0.0 1.0 0.567
193	185	194	0.0 1.0 0.976	86.8 -47.6 -10.9	48.9 193	0.0 1.0 0.919	86.4 -51.5 -4.4	51.8 185	0.0 1.0 0.583	0.0 1.0 0.983	86.8 -47.0 -11.6	48.6 194	0.0 1.0 0.583
194	186	195	0.0 1.0 0.983	86.8 -47.0 -11.6	48.6 194	0.0 1.0 0.926	86.5 -51.1 -5.3	51.5 186	0.0 1.0 0.6	0.0 1.0 0.99	86.9 -46.5 -12.4	48.2 195	0.0 1.0 0.6
195	187	196	0.0 1.0 0.99	86.9 -46.5 -12.4	48.2 195	0.0 1.0 0.933	86.5 -50.6 -6.1	51.1 187	0.0 1.0 0.617	0.0 1.0 0.997	86.9 -45.9 -13.1	47.8 196	0.0 1.0 0.617
196	188	197	0.0 1.0 0.997	86.9 -45.9 -13.1	47.8 196	0.0 1.0 0.94	86.5 -50.1 -7.0	50.7 188	0.0 1.0 0.633	0.0 1.0 0.997	1.0 86.7 -45.4 -13.8	47.5 197	0.0 1.0 0.633
197	189	198	0.0 0.997	1.0 86.7 -45.4 -13.8	47.5 197	0.0 1.0 0.947	86.6 -49.6 -7.8	50.4 189	0.0 1.0 0.65	0.0 1.0 0.991	1.0 86.3 -44.9 -14.5	47.3 198	0.0 1.0 0.65
198	190	199	0.0 0.991	1.0 86.3 -44.9 -14.5	47.3 198	0.0 1.0 0.954	86.6 -49.1 -8.6	50.0 190	0.0 1.0 0.667	0.0 1.0 0.986	1.0 86.0 -44.4 -15.2	47.0 199	0.0 1.0 0.667
199	191	200	0.0 0.986	1.0 86.0 -44.4 -15.2	47.0 199	0.0 1.0 0.962	86.7 -48.6 -9.4	49.6 191	0.0 1.0 0.683	0.0 1.0 0.981	1.0 85.6 -43.9 -15.9	46.8 200	0.0 1.0 0.683
200	192	201	0.0 0.981	1.0 85.6 -43.9 -15.9	46.8 200	0.0 1.0 0.969	86.7 -48.1 -10.1	49.3 192	0.0 1.0 0.7	0.0 1.0 0.976	1.0 85.2 -43.3 -16.6	46.5 201	0.0 1.0 0.7
201	193	201	0.0 0.976	1.0 85.2 -43.3 -16.6	46.5 201	0.0 1.0 0.976	86.8 -47.6 -10.9	48.9 193	0.0 1.0 0.717	0.0 1.0 0.976	1.0 85.2 -43.3 -16.6	46.5 201	0.0 1.0 0.717
202	194	202	0.0 0.97	1.0 84.8 -42.8 -17.2	46.3 202	0.0 1.0 0.983	86.8 -47.0 -11.6	48.6 194	0.0 1.0 0.733	0.0 1.0 0.97	1.0 84.8 -42.8 -17.2	46.3 202	0.0 1.0 0.733
203	195	203	0.0 0.965	1.0 84.5 -42.3 -17.9	46.0 203	0.0 1.0 0.99	86.9 -46.5 -12.4	48.2 195	0.0 1.0 0.75	0.0 1.0 0.965	1.0 84.5 -42.3 -17.9	46.0 203	0.0 1.0 0.75
204	196	204	0.0 0.96	1.0 84.1 -41.7 -18.5	45.8 204	0.0 1.0 0.997	86.9 -45.9 -13.1	47.8 196	0.0 1.0 0.767	0.0 1.0 0.96	1.0 84.1 -41.7 -18.5	45.8 204	0.0 1.0 0.767
205	197	205	0.0 0.954	1.0 83.7 -41.1 -19.1	45.5 205	0.0 0.997	1.0 86.7 -45.4 -13.8	47.5 197	0.0 1.0 0.783	0.0 1.0 0.954	1.0 83.7 -41.1 -19.1	45.5 205	0.0 1.0 0.783
206	198	206	0.0 0.949	1.0 83.4 -40.6 -19.7	45.3 206	0.0 0.991	1.0 86.3 -44.9 -14.5	47.3 198	0.0 1.0 0.8	0.0 1.0 0.949	1.0 83.4 -40.6 -19.7	45.3 206	0.0 1.0 0.8
207	199	207	0.0 0.944	1.0 83.0 -40.0 -20.3	45.0 207	0.0 0.986	1.0 86.0 -44.4 -15.2	47.0 199	0.0 1.0 0.817	0.0 1.0 0.944	1.0 83.0 -40.0 -20.3	45.0 207	0.0 1.0 0.817
208	200	208	0.0 0.938	1.0 82.6 -39.4 -20.9	44.7 208	0.0 0.981	1.0 85.6 -43.9 -15.9	46.8 200	0.0 1.0 0.833	0.0 1.0 0.938	1.0 82.6 -39.4 -20.9	44.7 208	0.0 1.0 0.833
209	201	209	0.0 0.933	1.0 82.2 -38.8 -21.5	44.5 209	0.0 0.976	1.0 85.2 -43.3 -16.6	46.5 201	0.0 1.0 0.85	0.0 1.0 0.933	1.0 82.2 -38.8 -21.5	44.5 209	0.0 1.0 0.85
210	202	210	0.0 0.928	1.0 81.9 -38.2 -22.0	44.2 210	0.0 0.97	1.0 84.8 -42.8 -17.2	46.3 202	0.0 1.0 0.867	0.0 1.0 0.928	1.0 81.9 -38.2 -22.0	44.2 210	0.0 1.0 0.867
211	203	211	0.0 0.922	1.0 81.5 -37.6 -22.6	44.0 211	0.0 0.965	1.0 84.5 -42.3 -17.9	46.0 203	0.0 1.0 0.883	0.0 1.0 0.922	1.0 81.5 -37.6 -22.6	44.0 211	0.0 1.0 0.883
212	204	212	0.0 0.917	1.0 81.1 -37.0 -23.1	43.7 212	0.0 0.96	1.0 84.1 -41.7 -18.5	45.8 204	0.0 1.0 0.9	0.0 1.0 0.917	1.0 81.1 -37.0 -23.1	43.7 212	0.0 1.0 0.9
213	205	212	0.0 0.912	1.0 80.7 -36.4 -23.6	43.5 213	0.0 0.954	1.0 83.7 -41.1 -19.1	45.5 205	0.0 1.0 0.917	0.0 1.0 0.917	1.0 81.1 -37.0 -23.1	43.7 212	0.0 1.0 0.917
214	206	213	0.0 0.906	1.0 80.4 -35.7 -24.1	43.2 214	0.0 0.949	1.0 83.4 -40.6 -19.7	45.3 206	0.0 1.0 0.933	0.0 1.0 0.912	1.0 80.7 -36.4 -23.6	43.5 213	0.0 1.0 0.933
215	207	214	0.0 0.901	1.0 80.0 -35.1 -24.5	43.0 215	0.0 0.944	1.0 83.0 -40.0 -20.3	45.0 207	0.0 1.0 0.95	0.0 1.0 0.906	1.0 80.4 -35.7 -24.1	43.2 214	0.0 1.0 0.95
216	208	215	0.0 0.896	1.0 79.6 -34.5 -25.0	42.7 216	0.0 0.938	1.0 82.6 -39.4 -20.9	44.7 208	0.0 1.0 0.967	0.0 1.0 0.901	1.0 80.0 -35.1 -24.5	43.0 215	0.0 1.0 0.967
217	209	216	0.0 0.891	1.0 79.2 -33.8 -25.5	42.5 217	0.0 0.933	1.0 82.2 -38.8 -21.5	44.5 209	0.0 1.0 0.983	0.0 1.0 0.896	1.0 79.6 -34.5 -25.0	42.7 216	0.0 1.0 0.983
218	210	217	0.0 0.885	1.0 78.9 -33.2 -25.9	42.2 218	0.0 0.928	1.0 81.9 -38.2 -22.0	44.2 210	0.0 1.0 1.0C <sub>s</sub>	0.0 1.0 0.891	1.0 79.2 -33.8 -25.5	42.5 217	0.0 1.0 1.0C <sub>e</sub>

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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: $h_{ab,d} = 38.3, 103.0, 136.3, 196.4, 305.7, 328.2$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																		
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$						
218	210	217	0.0 0.885 1.0	78.9 -33.2 -25.9 42.2 218	0.0 0.928 1.0	81.9 -38.2 -22.0 44.2 210	0.0 1.0 1.0C <sub>s</sub>	0.0 0.891 1.0	79.2 -33.8 -25.5 42.5 217	0.0 1.0 1.0 1.0C <sub>e</sub>								
219	211	218	0.0 0.88 1.0	78.5 -32.5 -26.3 42.0 219	0.0 0.922 1.0	81.5 -37.6 -22.6 44.0 211	0.0 0.983 1.0	0.0 0.885 1.0	78.9 -33.2 -25.9 42.2 218	0.0 0.983 1.0								
220	212	219	0.0 0.875 1.0	78.1 -31.9 -26.7 41.7 220	0.0 0.917 1.0	81.1 -37.0 -23.1 43.7 212	0.0 0.967 1.0	0.0 0.88 1.0	78.5 -32.5 -26.3 42.0 219	0.0 0.967 1.0								
221	213	220	0.0 0.87 1.0	77.8 -31.5 -27.3 41.8 221	0.0 0.912 1.0	80.7 -36.4 -23.6 43.5 213	0.0 0.95 1.0	0.0 0.875 1.0	78.1 -31.9 -26.7 41.7 220	0.0 0.95 1.0								
222	214	221	0.0 0.866 1.0	77.5 -31.0 -27.9 41.9 222	0.0 0.906 1.0	80.4 -35.7 -24.1 43.2 214	0.0 0.933 1.0	0.0 0.87 1.0	77.8 -31.5 -27.3 41.8 221	0.0 0.933 1.0								
223	215	222	0.0 0.861 1.0	77.2 -30.6 -28.5 42.0 223	0.0 0.901 1.0	80.0 -35.1 -24.5 43.0 215	0.0 0.917 1.0	0.0 0.866 1.0	77.5 -31.0 -27.9 41.9 222	0.0 0.917 1.0								
224	216	222	0.0 0.856 1.0	76.8 -30.1 -29.1 42.0 224	0.0 0.896 1.0	79.6 -34.5 -25.0 42.7 216	0.0 0.9 1.0	0.0 0.866 1.0	77.5 -31.0 -27.9 41.9 222	0.0 0.9 1.0								
225	217	223	0.0 0.852 1.0	76.5 -29.7 -29.7 42.1 225	0.0 0.891 1.0	79.2 -33.8 -25.5 42.5 217	0.0 0.883 1.0	0.0 0.861 1.0	77.2 -30.6 -28.5 42.0 223	0.0 0.883 1.0								
226	218	224	0.0 0.847 1.0	76.2 -29.2 -30.2 42.2 226	0.0 0.885 1.0	78.9 -33.2 -25.9 42.2 218	0.0 0.867 1.0	0.0 0.856 1.0	76.8 -30.1 -29.1 42.0 224	0.0 0.867 1.0								
227	219	225	0.0 0.843 1.0	75.9 -28.7 -30.8 42.2 227	0.0 0.88 1.0	78.5 -32.5 -26.3 42.0 219	0.0 0.85 1.0	0.0 0.852 1.0	76.5 -29.7 -29.7 42.1 225	0.0 0.85 1.0								
228	220	226	0.0 0.838 1.0	75.6 -28.2 -31.3 42.3 228	0.0 0.875 1.0	78.1 -31.9 -26.7 41.7 220	0.0 0.833 1.0	0.0 0.847 1.0	76.2 -29.2 -30.2 42.2 226	0.0 0.833 1.0								
229	221	227	0.0 0.834 1.0	75.2 -27.7 -31.9 42.4 229	0.0 0.87 1.0	77.8 -31.5 -27.3 41.8 221	0.0 0.817 1.0	0.0 0.843 1.0	75.9 -28.7 -30.8 42.2 227	0.0 0.817 1.0								
230	222	228	0.0 0.829 1.0	74.9 -27.2 -32.4 42.5 230	0.0 0.866 1.0	77.5 -31.0 -27.9 41.9 222	0.0 0.8 1.0	0.0 0.838 1.0	75.6 -28.2 -31.3 42.3 228	0.0 0.8 1.0								
231	223	229	0.0 0.824 1.0	74.6 -26.7 -33.0 42.5 231	0.0 0.861 1.0	77.2 -30.6 -28.5 42.0 223	0.0 0.783 1.0	0.0 0.834 1.0	75.2 -27.7 -31.9 42.4 229	0.0 0.783 1.0								
232	224	230	0.0 0.82 1.0	74.3 -26.1 -33.5 42.6 232	0.0 0.856 1.0	76.8 -30.1 -29.1 42.0 224	0.0 0.767 1.0	0.0 0.829 1.0	74.9 -27.2 -32.4 42.5 230	0.0 0.767 1.0								
233	225	231	0.0 0.815 1.0	74.0 -25.6 -34.0 42.7 233	0.0 0.852 1.0	76.5 -29.7 -29.7 42.1 225	0.0 0.75 1.0	0.0 0.824 1.0	74.6 -26.7 -33.0 42.5 231	0.0 0.75 1.0								
234	226	232	0.0 0.811 1.0	73.6 -25.0 -34.5 42.8 234	0.0 0.847 1.0	76.2 -29.2 -30.2 42.2 226	0.0 0.733 1.0	0.0 0.82 1.0	74.3 -26.1 -33.5 42.6 232	0.0 0.733 1.0								
235	227	232	0.0 0.806 1.0	73.3 -24.5 -35.0 42.8 235	0.0 0.843 1.0	75.9 -28.7 -30.8 42.2 227	0.0 0.717 1.0	0.0 0.82 1.0	74.3 -26.1 -33.5 42.6 232	0.0 0.717 1.0								
236	228	233	0.0 0.802 1.0	73.0 -23.9 -35.5 42.9 236	0.0 0.838 1.0	75.6 -28.2 -31.3 42.3 228	0.0 0.7 1.0	0.0 0.815 1.0	74.0 -25.6 -34.0 42.7 233	0.0 0.7 1.0								
237	229	234	0.0 0.797 1.0	72.7 -23.3 -35.9 43.0 237	0.0 0.834 1.0	75.2 -27.7 -31.9 42.4 229	0.0 0.683 1.0	0.0 0.811 1.0	73.6 -25.0 -34.5 42.8 234	0.0 0.683 1.0								
238	230	235	0.0 0.793 1.0	72.4 -22.7 -36.4 43.0 238	0.0 0.829 1.0	74.9 -27.2 -32.4 42.5 230	0.0 0.667 1.0	0.0 0.806 1.0	73.3 -24.5 -35.0 42.8 235	0.0 0.667 1.0								
239	231	236	0.0 0.788 1.0	72.0 -22.1 -36.9 43.1 239	0.0 0.824 1.0	74.6 -26.7 -33.0 42.5 231	0.0 0.65 1.0	0.0 0.802 1.0	73.0 -23.9 -35.5 42.9 236	0.0 0.65 1.0								
240	232	237	0.0 0.783 1.0	71.7 -21.5 -37.3 43.2 240	0.0 0.82 1.0	74.3 -26.1 -33.5 42.6 232	0.0 0.633 1.0	0.0 0.797 1.0	72.7 -23.3 -35.9 43.0 237	0.0 0.633 1.0								
241	233	238	0.0 0.779 1.0	71.4 -20.9 -37.7 43.3 241	0.0 0.815 1.0	74.0 -25.6 -34.0 42.7 233	0.0 0.617 1.0	0.0 0.793 1.0	72.4 -22.7 -36.4 43.0 238	0.0 0.617 1.0								
242	234	239	0.0 0.774 1.0	71.1 -20.2 -38.2 43.3 242	0.0 0.811 1.0	73.6 -25.0 -34.5 42.8 234	0.0 0.6 1.0	0.0 0.788 1.0	72.0 -22.1 -36.9 43.1 239	0.0 0.6 1.0								
243	235	240	0.0 0.77 1.0	70.8 -19.6 -38.6 43.4 243	0.0 0.806 1.0	73.3 -24.5 -35.0 42.8 235	0.0 0.583 1.0	0.0 0.783 1.0	71.7 -21.5 -37.3 43.2 240	0.0 0.583 1.0								
244	236	241	0.0 0.765 1.0	70.4 -19.0 -39.0 43.5 244	0.0 0.802 1.0	73.0 -23.9 -35.5 42.9 236	0.0 0.567 1.0	0.0 0.779 1.0	71.4 -20.9 -37.7 43.3 241	0.0 0.567 1.0								
245	237	242	0.0 0.761 1.0	70.1 -18.3 -39.4 43.6 245	0.0 0.797 1.0	72.7 -23.3 -35.9 43.0 237	0.0 0.55 1.0	0.0 0.774 1.0	71.1 -20.2 -38.2 43.3 242	0.0 0.55 1.0								
246	238	243	0.0 0.756 1.0	69.8 -17.6 -39.8 43.6 246	0.0 0.793 1.0	72.4 -22.7 -36.4 43.0 238	0.0 0.533 1.0	0.0 0.77 1.0	70.8 -19.6 -38.6 43.4 243	0.0 0.533 1.0								
247	239	243	0.0 0.752 1.0	69.5 -17.0 -40.1 43.7 247	0.0 0.788 1.0	72.0 -22.1 -36.9 43.1 239	0.0 0.517 1.0	0.0 0.77 1.0	70.8 -19.6 -38.6 43.4 243	0.0 0.517 1.0								
248	240	244	0.0 0.746 1.0	69.1 -16.4 -40.7 44.0 248	0.0 0.783 1.0	71.7 -21.5 -37.3 43.2 240	0.0 0.5 1.0	0.0 0.765 1.0	70.4 -19.0 -39.0 43.5 244	0.0 0.5 1.0								
249	241	245	0.0 0.741 1.0	68.7 -15.8 -41.4 44.5 249	0.0 0.779 1.0	71.4 -20.9 -37.7 43.3 241	0.0 0.483 1.0	0.0 0.761 1.0	70.1 -18.3 -39.4 43.6 245	0.0 0.483 1.0								
250	242	246	0.0 0.735 1.0	68.3 -15.3 -42.1 44.9 250	0.0 0.774 1.0	71.1 -20.2 -38.2 43.3 242	0.0 0.467 1.0	0.0 0.756 1.0	69.8 -17.6 -39.8 43.6 246	0.0 0.467 1.0								
251	243	247	0.0 0.73 1.0	68.0 -14.7 -42.8 45.4 251	0.0 0.77 1.0	70.8 -19.6 -38.6 43.4 243	0.0 0.45 1.0	0.0 0.752 1.0	69.5 -17.0 -40.1 43.7 247	0.0 0.45 1.0								
252	244	248	0.0 0.724 1.0	67.6 -14.1 -43.5 45.9 252	0.0 0.765 1.0	70.4 -19.0 -39.0 43.5 244	0.0 0.433 1.0	0.0 0.746 1.0	69.1 -16.4 -40.7 44.0 248	0.0 0.433 1.0								
253	245	249	0.0 0.719 1.0	67.2 -13.4 -44.2 46.3 253	0.0 0.761 1.0	70.1 -18.3 -39.4 43.6 245	0.0 0.417 1.0	0.0 0.741 1.0	68.7 -15.8 -41.4 44.5 249	0.0 0.417 1.0								
254	246	250	0.0 0.713 1.0	66.8 -12.8 -44.9 46.8 254	0.0 0.756 1.0	69.8 -17.6 -39.8 43.6 246	0.0 0.4 1.0	0.0 0.735 1.0	68.3 -15.3 -42.1 44.9 250	0.0 0.4 1.0								
255	247	251	0.0 0.707 1.0	66.4 -12.1 -45.5 47.2 255	0.0 0.752 1.0	69.5 -17.0 -40.1 43.7 247	0.0 0.383 1.0	0.0 0.73 1.0	68.0 -14.7 -42.8 45.4 251	0.0 0.383 1.0								
256	248	252	0.0 0.702 1.0	66.0 -11.4 -46.2 47.7 256	0.0 0.746 1.0	69.1 -16.4 -40.7 44.0 248	0.0 0.367 1.0	0.0 0.724 1.0	67.6 -14.1 -43.5 45.9 252	0.0 0.367 1.0								
257	249	253	0.0 0.696 1.0	65.6 -10.7 -46.8 48.1 257	0.0 0.741 1.0	68.7 -15.8 -41.4 44.5 249	0.0 0.35 1.0	0.0 0.719 1.0	67.2 -13.4 -44.2 46.3 253	0.0 0.35 1.0								
258	250	253	0.0 0.691 1.0	65.3 -10.0 -47.4 48.6 258	0.0 0.735 1.0	68.3 -15.3 -42.1 44.9 250	0.0 0.333 1.0	0.0 0.719 1.0	67.2 -13.4 -44.2 46.3 253	0.0 0.333 1.0								
259	251	254	0.0 0.685 1.0	64.9 -9.3 -48.1 49.1 259	0.0 0.73 1.0	68.0 -14.7 -42.8 45.4 251	0.0 0.317 1.0	0.0 0.713 1.0	66.8 -12.8 -44.9 46.8 254	0.0 0.317 1.0								
260	252	255	0.0 0.68 1.0	64.5 -8.5 -48.7 49.5 260	0.0 0.724 1.0	67.6 -14.1 -43.5 45.9 252	0.0 0.3 1.0	0.0 0.707 1.0	66.4 -12.1 -45.5 47.2 255	0.0 0.3 1.0								
261	253	256	0.0 0.674 1.0	64.1 -7.7 -49.3 50.0 261	0.0 0.719 1.0	67.2 -13.4 -44.2 46.3 253	0.0 0.283 1.0	0.0 0.702 1.0	66.0 -11.4 -46.2 47.7 256	0.0 0.283 1.0								
262	254	257	0.0 0.669 1.0	63.7 -6.9 -49.8 50.4 262	0.0 0.713 1.0	66.8 -12.8 -44.9 46.8 254	0.0 0.267 1.0	0.0 0.696 1.0	65.6 -10.7 -46.8 48.1 257	0.0 0.267 1.0								
263	255	258	0.0 0.663 1.0	63.3 -6.1 -50.4 50.9 263	0.0 0.707 1.0	66.4 -12.1 -45.5 47.2 255	0.0 0.25 1.0	0.0 0.691 1.0	65.3 -10.0 -47.4 48.6 258	0.0 0.25 1.0								



Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 38.3, 103.0, 136.3, 196.4, 305.7, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

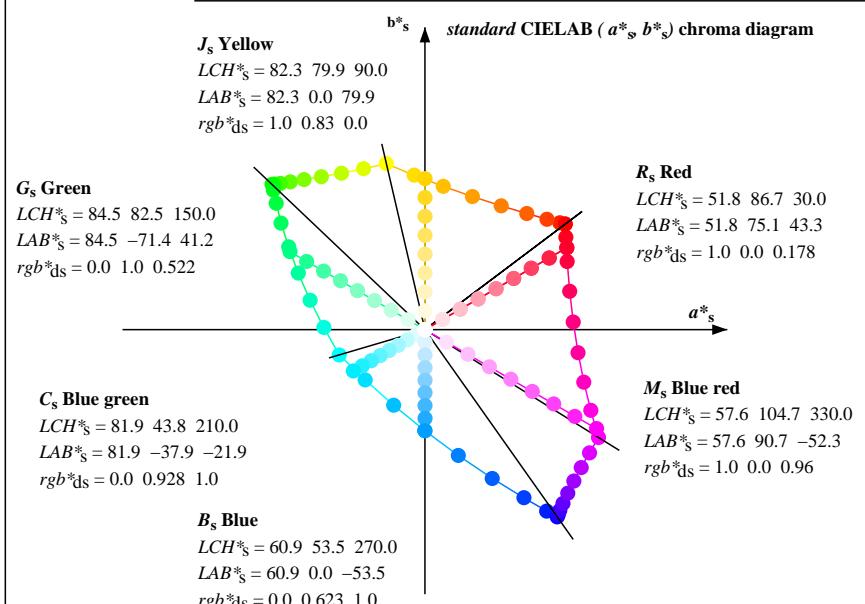
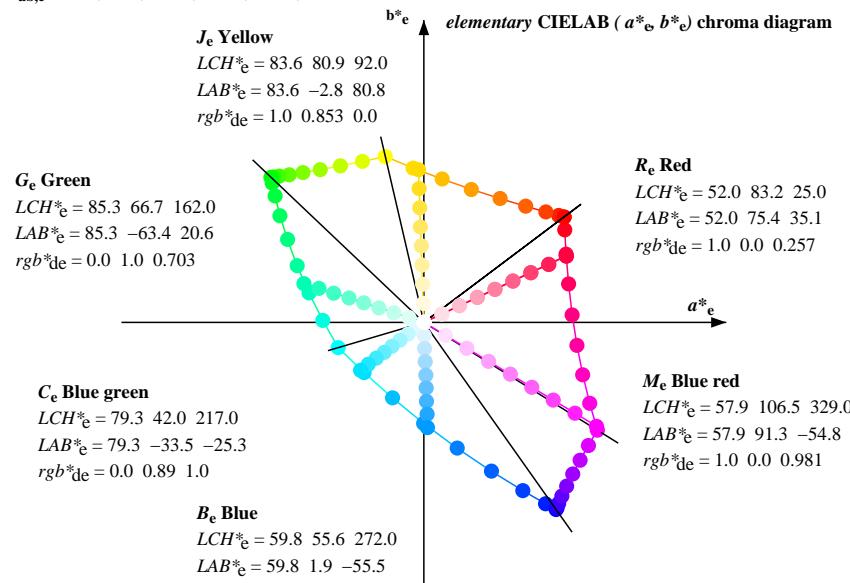
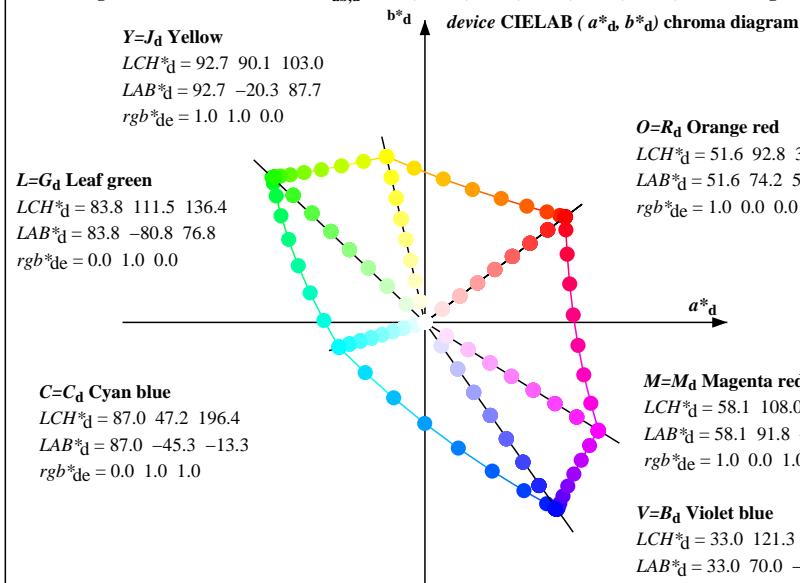
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
308	300	300	0.314 0.0 1.0	35.1 74.8 -95.6	121.4 308	0.0 0.266 1.0	39.0 51.6 -89.3	103.2 300	0.5 0.0 1.0	0.0 0.266 1.0	39.0 51.6 -89.3	103.2 300	0.5 0.0 1.0
309	301	301	0.382 0.0 1.0	36.5 75.6 -93.2	120.1 309	0.0 0.243 1.0	37.9 54.7 -91.0	106.2 301	0.517 0.0 1.0	0.0 0.243 1.0	37.9 54.7 -91.0	106.2 301	0.517 0.0 1.0
310	302	302	0.432 0.0 1.0	37.8 76.5 -91.0	119.0 310	0.0 0.208 1.0	36.7 58.3 -93.2	110.0 302	0.533 0.0 1.0	0.0 0.208 1.0	36.7 58.3 -93.2	110.0 302	0.533 0.0 1.0
311	303	303	0.481 0.0 1.0	39.1 77.3 -88.9	117.9 311	0.0 0.172 1.0	35.4 61.9 -95.3	113.7 303	0.55 0.0 1.0	0.0 0.172 1.0	35.4 61.9 -95.3	113.7 303	0.55 0.0 1.0
312	304	304	0.524 0.0 1.0	40.3 78.2 -86.8	116.9 312	0.0 0.137 1.0	34.2 65.7 -97.3	117.4 304	0.567 0.0 1.0	0.0 0.137 1.0	34.2 65.7 -97.3	117.4 304	0.567 0.0 1.0
313	305	305	0.561 0.0 1.0	41.5 79.1 -84.8	116.0 313	0.0 0.066 1.0	32.8 69.7 -99.5	121.6 305	0.583 0.0 1.0	0.0 0.066 1.0	32.8 69.7 -99.5	121.6 305	0.583 0.0 1.0
314	306	306	0.599 0.0 1.0	42.7 80.0 -82.8	115.2 314	0.081 0.0 1.0	32.2 73.1 -100.5	124.4 306	0.6 0.0 1.0	0.081 0.0 1.0	32.2 73.1 -100.5	124.4 306	0.6 0.0 1.0
315	307	307	0.635 0.0 1.0	43.9 80.9 -80.8	114.4 315	0.235 0.0 1.0	33.7 73.9 -98.0	122.8 307	0.617 0.0 1.0	0.235 0.0 1.0	33.7 73.9 -98.0	122.8 307	0.617 0.0 1.0
316	308	308	0.666 0.0 1.0	45.0 81.8 -78.9	113.8 316	0.314 0.0 1.0	35.1 74.8 -95.6	121.4 308	0.633 0.0 1.0	0.314 0.0 1.0	35.1 74.8 -95.6	121.4 308	0.633 0.0 1.0
317	309	309	0.697 0.0 1.0	46.1 82.8 -77.1	113.2 317	0.382 0.0 1.0	36.5 75.6 -93.2	120.1 309	0.65 0.0 1.0	0.382 0.0 1.0	36.5 75.6 -93.2	120.1 309	0.65 0.0 1.0
318	310	310	0.729 0.0 1.0	47.2 83.6 -75.2	112.5 318	0.432 0.0 1.0	37.8 76.5 -91.0	119.0 310	0.667 0.0 1.0	0.432 0.0 1.0	37.8 76.5 -91.0	119.0 310	0.667 0.0 1.0
319	311	311	0.759 0.0 1.0	48.3 84.5 -73.4	112.0 319	0.481 0.0 1.0	39.1 77.3 -88.9	117.9 311	0.683 0.0 1.0	0.481 0.0 1.0	39.1 77.3 -88.9	117.9 311	0.683 0.0 1.0
320	312	312	0.786 0.0 1.0	49.3 85.5 -71.6	111.6 320	0.524 0.0 1.0	40.3 78.2 -86.8	116.9 312	0.7 0.0 1.0	0.524 0.0 1.0	40.3 78.2 -86.8	116.9 312	0.7 0.0 1.0
321	313	312	0.814 0.0 1.0	50.4 86.4 -69.9	111.2 321	0.561 0.0 1.0	41.5 79.1 -84.8	116.0 313	0.717 0.0 1.0	0.524 0.0 1.0	40.3 78.2 -86.8	116.9 312	0.717 0.0 1.0
322	314	313	0.841 0.0 1.0	51.4 87.3 -68.1	110.8 322	0.599 0.0 1.0	42.7 80.0 -82.8	115.2 314	0.733 0.0 1.0	0.561 0.0 1.0	41.5 79.1 -84.8	116.0 313	0.733 0.0 1.0
323	315	314	0.868 0.0 1.0	52.5 88.2 -66.4	110.5 323	0.635 0.0 1.0	43.9 80.9 -80.8	114.4 315	0.75 0.0 1.0	0.599 0.0 1.0	42.7 80.0 -82.8	115.2 314	0.75 0.0 1.0
324	316	315	0.894 0.0 1.0	53.5 88.9 -64.7	110.2 324	0.666 0.0 1.0	45.0 81.8 -78.9	113.8 316	0.767 0.0 1.0	0.635 0.0 1.0	43.9 80.9 -80.8	114.4 315	0.767 0.0 1.0
325	317	316	0.919 0.0 1.0	54.5 90.2 -63.0	110.1 325	0.697 0.0 1.0	46.1 82.8 -77.1	113.2 317	0.783 0.0 1.0	0.666 0.0 1.0	45.0 81.8 -78.9	113.8 316	0.783 0.0 1.0
326	318	317	0.945 0.0 1.0	55.5 91.1 -61.4	109.9 326	0.729 0.0 1.0	47.2 83.6 -75.2	112.5 318	0.8 0.0 1.0	0.697 0.0 1.0	46.1 82.8 -77.1	113.2 317	0.8 0.0 1.0
327	319	318	0.97 0.0 1.0	56.5 92.0 -59.7	109.7 327	0.759 0.0 1.0	48.3 84.5 -73.4	112.0 319	0.817 0.0 1.0	0.729 0.0 1.0	47.2 83.6 -75.2	112.5 318	0.817 0.0 1.0
328	320	319	0.995 0.0 1.0	57.5 92.9 -58.0	109.6 328	0.786 0.0 1.0	49.3 85.5 -71.6	111.6 320	0.833 0.0 1.0	0.759 0.0 1.0	48.3 84.5 -73.4	112.0 319	0.833 0.0 1.0
329	321	320	1.0 0.0 0.983	57.5 92.6 -55.6	108.1 329	0.814 0.0 1.0	50.4 86.4 -69.9	111.2 321	0.85 0.0 1.0	0.786 0.0 1.0	49.3 85.5 -71.6	111.6 320	0.85 0.0 1.0
330	322	321	1.0 0.0 0.961	57.2 92.0 -53.0	106.3 330	0.841 0.0 1.0	51.4 87.3 -68.1	110.8 322	0.867 0.0 1.0	0.814 0.0 1.0	50.4 86.4 -69.9	111.2 321	0.867 0.0 1.0
331	323	322	1.0 0.0 0.94	57.0 91.4 -50.6	104.5 331	0.868 0.0 1.0	52.5 88.2 -66.4	110.5 323	0.883 0.0 1.0	0.841 0.0 1.0	51.4 87.3 -68.1	110.8 322	0.883 0.0 1.0
332	324	323	1.0 0.0 0.919	56.7 90.7 -48.1	102.7 332	0.894 0.0 1.0	53.5 89.2 -64.7	110.2 324	0.9 0.0 1.0	0.868 0.0 1.0	52.5 88.2 -66.4	110.5 323	0.9 0.0 1.0
333	325	324	1.0 0.0 0.897	56.4 89.9 -45.7	100.9 333	0.919 0.0 1.0	54.5 90.2 -63.0	110.1 325	0.917 0.0 1.0	0.894 0.0 1.0	53.5 89.2 -64.7	110.2 324	0.917 0.0 1.0
334	326	325	1.0 0.0 0.876	56.1 89.1 -43.3	99.1 334	0.945 0.0 1.0	55.5 91.1 -61.4	109.9 326	0.933 0.0 1.0	0.919 0.0 1.0	54.5 90.2 -63.0	110.1 325	0.933 0.0 1.0
335	327	326	1.0 0.0 0.859	55.9 88.7 -41.3	97.9 335	0.97 0.0 1.0	56.5 92.0 -59.7	109.7 327	0.95 0.0 1.0	0.945 0.0 1.0	55.5 91.1 -61.4	109.9 326	0.95 0.0 1.0
336	328	327	1.0 0.0 0.843	55.8 88.3 -39.2	96.7 336	0.995 0.0 1.0	57.5 92.9 -58.0	109.6 328	0.967 0.0 1.0	0.97 0.0 1.0	56.5 92.0 -59.7	109.7 327	0.967 0.0 1.0
337	329	328	1.0 0.0 0.827	55.6 87.9 -37.2	95.5 337	1.0 0.0 0.983	57.5 92.6 -55.6	108.1 329	0.983 0.0 1.0	0.995 0.0 1.0	57.5 92.9 -58.0	109.6 328	0.983 0.0 1.0
338	330	329	1.0 0.0 0.81	55.4 87.5 -35.2	94.3 338	1.0 0.0 0.961	57.2 92.0 -53.0	106.3 330	1.0 0.0 1.0	0.983 0.0 1.0	57.5 92.6 -55.6	108.1 329	1.0 0.0 1.0
339	331	330	1.0 0.0 0.794	55.2 87.0 -33.3	93.2 339	1.0 0.0 0.94	57.0 91.4 -50.6	104.5 331	1.0 0.0 1.0	0.983 0.0 1.0	57.2 92.0 -53.0	106.3 330	1.0 0.0 0.983
340	332	331	1.0 0.0 0.778	55.0 86.4 -31.4	92.0 340	1.0 0.0 0.919	56.7 90.7 -48.1	102.7 332	1.0 0.0 1.0	0.967 0.0 1.0	57.0 91.4 -50.6	104.5 331	1.0 0.0 0.967
341	333	331	1.0 0.0 0.762	54.8 85.8 -29.5	90.8 341	1.0 0.0 0.897	56.4 89.9 -45.7	100.9 333	1.0 0.0 1.0	0.95 0.0 1.0	57.0 91.4 -50.6	104.5 331	1.0 0.0 0.95
342	334	332	1.0 0.0 0.746	54.7 85.4 -27.6	89.8 342	1.0 0.0 0.876	56.1 89.1 -43.3	99.1 334	1.0 0.0 1.0	0.933 0.0 1.0	59.0 91.7 -48.1	102.7 332	1.0 0.0 0.933
343	335	333	1.0 0.0 0.733	54.6 85.2 -25.9	89.1 343	1.0 0.0 0.859	55.9 88.7 -41.3	97.9 335	1.0 0.0 1.0	0.917 0.0 1.0	58.9 92.3 -45.7	100.9 333	1.0 0.0 0.917
344	336	334	1.0 0.0 0.721	54.4 85.0 -24.3	88.4 344	1.0 0.0 0.843	55.8 88.3 -39.2	96.7 336	1.0 0.0 1.0	0.9 0.0 1.0	58.7 92.9 -43.3	99.1 334	1.0 0.0 0.9
345	337	335	1.0 0.0 0.708	54.3 84.7 -22.6	87.7 345	1.0 0.0 0.827	55.6 87.9 -37.2	95.5 337	1.0 0.0 1.0	0.883 0.0 1.0	58.6 93.5 -41.3	97.9 335	1.0 0.0 0.883
346	338	336	1.0 0.0 0.695	54.2 84.4 -20.9	87.0 346	1.0 0.0 0.81	55.4 87.5 -35.2	94.3 338	1.0 0.0 1.0	0.867 0.0 1.0	58.5 93.8 -39.2	96.7 336	1.0 0.0 0.867
347	339	337	1.0 0.0 0.682	54.1 84.1 -19.3	86.3 347	1.0 0.0 0.794	55.2 87.0 -33.3	93.2 339	1.0 0.0 1.0	0.85 0.0 1.0	58.4 94.3 -37.2	95.5 337	1.0 0.0 0.85
348	340	338	1.0 0.0 0.669	54.0 83.7 -17.7	85.6 348	1.0 0.0 0.778	55.0 86.4 -31.4	92.0 340	1.0 0.0 1.0	0.833 0.0 1.0	58.3 95.0 -35.2	94.3 338	1.0 0.0 0.833
349	341	339	1.0 0.0 0.656	53.8 83.4 -16.1	84.9 349	1.0 0.0 0.762	54.8 85.8 -29.5	90.8 341	1.0 0.0 1.0	0.817 0.0 1.0	58.2 95.9 -37.2	95.5 337	1.0 0.0 0.817
350	342	340	1.0 0.0 0.643	53.7 83.0 -14.5	84.2 350	1.0 0.0 0.746	54.7 85.4 -27.6	89.8 342	1.0 0.0 1.0	0.8 0.0 1.0	58.1 96.4 -31.4	92.0 340	1.0 0.0 0.8
351	343	341	1.0 0.0 0.631	53.6 82.5 -13.0	83.6 351	1.0 0.0 0.733	54.6 85.2 -25.9	89.1 343	1.0 0.0 1.0	0.783 0.0 1.0	58.0 97.0 -29.5	90.8 341	1.0 0.0 0.783
352	344	342	1.0 0.0 0.619	53.5 82.3 -11.5	83.1 352	1.0 0.0 0.721	54.4 85.0 -24.3	88.4 344	1.0 0.0 1.0	0.767 0.0 1.0	57.9 97.6 -27.6	89.8 342	1.0 0.0 0.767
353	345	343	1.0 0.0 0.608	53.4 82.2 -10.0	82.8 353	1.0 0.0 0.708	54.3 84.7 -22.6	87.7 345	1.0 0.0 1.0	0.75 0.0 1.0	57.8 98.1 -25.9	89.1 343	1.0 0.0 0.75

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 38.3, 103.0, 136.3, 196.4, 305.7, 328.2$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddr$	$rgb^*ds$	$rgb^*de$
353	345	343	1.0 0.0 0.608	53.4 82.2 -10.0	82.8 353	1.0 0.0 0.708	54.3 84.7 -22.6	87.7 345	1.0 0.0 0.75	1.0 0.0 0.733	54.6 85.2 -25.9	89.1 343	1.0 0.0 0.75
354	346	344	1.0 0.0 0.597	53.3 82.1 -8.5	82.5 354	1.0 0.0 0.695	54.2 84.4 -20.9	87.0 346	1.0 0.0 0.733	1.0 0.0 0.721	54.4 85.0 -24.3	88.4 344	1.0 0.0 0.733
355	347	345	1.0 0.0 0.586	53.3 81.9 -7.1	82.2 355	1.0 0.0 0.682	54.1 84.1 -19.3	86.3 347	1.0 0.0 0.717	1.0 0.0 0.708	54.3 84.7 -22.6	87.7 345	1.0 0.0 0.717
356	348	346	1.0 0.0 0.575	53.2 81.7 -5.6	81.9 356	1.0 0.0 0.669	54.0 83.7 -17.7	85.6 348	1.0 0.0 0.7	1.0 0.0 0.695	54.2 84.4 -20.9	87.0 346	1.0 0.0 0.7
357	349	347	1.0 0.0 0.564	53.1 81.5 -4.2	81.6 357	1.0 0.0 0.656	53.8 83.4 -16.1	84.9 349	1.0 0.0 0.683	1.0 0.0 0.682	54.1 84.1 -19.3	86.3 347	1.0 0.0 0.683
358	350	348	1.0 0.0 0.554	53.0 81.3 -2.7	81.3 358	1.0 0.0 0.643	53.7 83.0 -14.5	84.2 350	1.0 0.0 0.667	1.0 0.0 0.669	54.0 83.7 -17.7	85.6 348	1.0 0.0 0.667
359	351	349	1.0 0.0 0.543	52.9 81.0 -1.3	81.1 359	1.0 0.0 0.631	53.6 82.5 -13.0	83.6 351	1.0 0.0 0.65	1.0 0.0 0.656	53.8 83.4 -16.1	84.9 349	1.0 0.0 0.65
0	352	349	1.0 0.0 0.532	52.8 80.8 0.0	80.8 0	1.0 0.0 0.619	53.5 82.3 -11.5	83.1 352	1.0 0.0 0.633	1.0 0.0 0.656	53.8 83.4 -16.1	84.9 349	1.0 0.0 0.633
1	353	350	1.0 0.0 0.521	52.8 80.5 1.4	80.5 1	1.0 0.0 0.608	53.4 82.2 -10.0	82.8 353	1.0 0.0 0.617	1.0 0.0 0.643	53.7 83.0 -14.5	84.2 350	1.0 0.0 0.617
2	354	351	1.0 0.0 0.51	52.7 80.1 2.8	80.2 2	1.0 0.0 0.597	53.3 82.1 -8.5	82.5 354	1.0 0.0 0.6	1.0 0.0 0.631	53.6 82.5 -13.0	83.6 351	1.0 0.0 0.6
3	355	352	1.0 0.0 0.499	52.6 79.8 4.2	79.9 3	1.0 0.0 0.586	53.3 81.9 -7.1	82.2 355	1.0 0.0 0.583	1.0 0.0 0.619	53.5 82.3 -11.5	83.1 352	1.0 0.0 0.583
4	356	353	1.0 0.0 0.489	52.5 79.8 5.6	80.0 4	1.0 0.0 0.575	53.2 81.7 -5.6	81.9 356	1.0 0.0 0.567	1.0 0.0 0.608	53.4 82.2 -10.0	82.8 353	1.0 0.0 0.567
5	357	354	1.0 0.0 0.479	52.5 79.7 7.0	80.1 5	1.0 0.0 0.564	53.1 81.5 -4.2	81.6 357	1.0 0.0 0.55	1.0 0.0 0.597	53.3 82.1 -8.5	82.5 354	1.0 0.0 0.55
6	358	355	1.0 0.0 0.468	52.4 79.7 8.4	80.1 6	1.0 0.0 0.554	53.0 81.3 -2.7	81.3 358	1.0 0.0 0.533	1.0 0.0 0.586	53.3 81.9 -7.1	82.2 355	1.0 0.0 0.533
7	359	356	1.0 0.0 0.458	52.4 79.6 9.8	80.2 7	1.0 0.0 0.543	52.9 81.0 -1.3	81.1 359	1.0 0.0 0.517	1.0 0.0 0.575	53.2 81.7 -5.6	81.9 356	1.0 0.0 0.517
8	360	357	1.0 0.0 0.448	52.3 79.5 11.2	80.2 8	1.0 0.0 0.532	52.8 80.8 0.0	80.8 0	1.0 0.0 0.5	1.0 0.0 0.564	53.1 81.5 -4.2	81.6 357	1.0 0.0 0.5
9	361	358	1.0 0.0 0.438	52.3 79.3 12.6	80.3 9	1.0 0.0 0.521	52.8 80.5 1.4	80.5 1	1.0 0.0 0.483	1.0 0.0 0.554	53.0 81.3 -2.7	81.3 358	1.0 0.0 0.483
10	362	359	1.0 0.0 0.427	52.2 79.1 14.0	80.4 10	1.0 0.0 0.51	52.7 80.1 2.8	80.2 2	1.0 0.0 0.467	1.0 0.0 0.543	52.9 81.0 -1.3	81.1 359	1.0 0.0 0.467
11	363	360	1.0 0.0 0.417	52.1 79.0 15.3	80.4 11	1.0 0.0 0.499	52.6 79.8 4.2	79.9 3	1.0 0.0 0.45	1.0 0.0 0.532	52.8 80.8 0.0	80.8 0	1.0 0.0 0.45
12	364	361	1.0 0.0 0.407	52.1 78.7 16.7	80.5 12	1.0 0.0 0.489	52.5 79.8 5.6	80.0 4	1.0 0.0 0.433	1.0 0.0 0.521	52.8 80.5 1.4	80.5 1	1.0 0.0 0.433
13	365	362	1.0 0.0 0.396	52.0 78.5 18.1	80.6 13	1.0 0.0 0.479	52.5 79.7 7.0	80.1 5	1.0 0.0 0.417	1.0 0.0 0.51	52.7 80.1 2.8	80.2 2	1.0 0.0 0.417
14	366	363	1.0 0.0 0.386	52.0 78.2 19.5	80.6 14	1.0 0.0 0.468	52.4 79.7 8.4	80.1 6	1.0 0.0 0.4	1.0 0.0 0.499	52.6 79.8 4.2	79.9 3	1.0 0.0 0.4
15	367	364	1.0 0.0 0.376	51.9 77.9 20.9	80.7 15	1.0 0.0 0.458	52.4 79.6 9.8	80.2 7	1.0 0.0 0.383	1.0 0.0 0.489	52.5 79.8 5.6	80.0 4	1.0 0.0 0.383
16	368	365	1.0 0.0 0.365	51.9 77.9 22.3	81.1 16	1.0 0.0 0.448	52.3 79.5 11.2	80.2 8	1.0 0.0 0.367	1.0 0.0 0.479	52.5 79.7 7.0	80.1 5	1.0 0.0 0.367
17	369	366	1.0 0.0 0.353	51.8 77.9 23.8	81.5 17	1.0 0.0 0.438	52.3 79.3 12.6	80.3 9	1.0 0.0 0.35	1.0 0.0 0.468	52.4 79.7 8.4	80.1 6	1.0 0.0 0.35
18	370	367	1.0 0.0 0.342	51.8 77.9 25.3	81.9 18	1.0 0.0 0.427	52.2 79.1 14.0	80.4 10	1.0 0.0 0.333	1.0 0.0 0.458	52.4 79.6 9.8	80.2 7	1.0 0.0 0.333
19	371	367	1.0 0.0 0.331	51.7 77.8 26.8	82.3 19	1.0 0.0 0.417	52.1 79.0 15.3	80.4 11	1.0 0.0 0.317	1.0 0.0 0.458	52.4 79.6 9.8	80.2 7	1.0 0.0 0.317
20	372	368	1.0 0.0 0.319	51.7 77.8 28.3	82.8 20	1.0 0.0 0.407	52.1 78.7 16.7	80.5 12	1.0 0.0 0.3	1.0 0.0 0.448	52.3 79.5 11.2	80.8 2	1.0 0.0 0.3
21	373	369	1.0 0.0 0.308	51.7 77.6 29.8	83.2 21	1.0 0.0 0.396	52.0 78.5 18.1	80.6 13	1.0 0.0 0.283	1.0 0.0 0.438	52.3 79.3 12.6	80.3 9	1.0 0.0 0.283
22	374	370	1.0 0.0 0.297	51.6 77.5 31.3	83.6 22	1.0 0.0 0.386	52.0 78.2 19.5	80.6 14	1.0 0.0 0.267	1.0 0.0 0.427	52.2 79.1 14.0	80.4 10	1.0 0.0 0.267
23	375	371	1.0 0.0 0.285	51.6 77.3 32.8	84.0 23	1.0 0.0 0.376	51.9 77.9 20.9	80.7 15	1.0 0.0 0.25	1.0 0.0 0.417	52.1 79.0 15.3	80.4 11	1.0 0.0 0.25
24	376	372	1.0 0.0 0.274	51.5 77.1 34.3	84.4 24	1.0 0.0 0.365	51.9 77.9 22.3	81.1 16	1.0 0.0 0.233	1.0 0.0 0.407	52.1 78.7 16.7	80.5 12	1.0 0.0 0.233
25	377	373	1.0 0.0 0.263	51.5 76.9 35.9	84.9 25	1.0 0.0 0.353	51.8 77.9 23.8	81.5 17	1.0 0.0 0.217	1.0 0.0 0.396	52.0 78.5 18.1	80.6 13	1.0 0.0 0.217
26	378	374	1.0 0.0 0.251	51.4 76.6 37.4	85.3 26	1.0 0.0 0.342	51.8 77.9 25.3	81.9 18	1.0 0.0 0.2	1.0 0.0 0.386	52.0 78.2 19.5	80.6 14	1.0 0.0 0.2
27	379	375	1.0 0.0 0.237	51.4 76.6 39.1	86.0 27	1.0 0.0 0.331	51.7 77.8 26.8	82.3 19	1.0 0.0 0.183	1.0 0.0 0.376	51.9 77.9 20.9	80.7 15	1.0 0.0 0.183
28	380	376	1.0 0.0 0.221	51.4 76.7 40.8	86.8 28	1.0 0.0 0.319	51.7 77.8 28.3	82.8 20	1.0 0.0 0.167	1.0 0.0 0.365	51.9 77.9 22.3	81.1 16	1.0 0.0 0.167
29	381	377	1.0 0.0 0.206	51.3 76.6 42.5	87.6 29	1.0 0.0 0.308	51.7 77.6 29.8	83.2 21	1.0 0.0 0.15	1.0 0.0 0.353	51.8 77.9 23.8	81.5 17	1.0 0.0 0.15
30	382	378	1.0 0.0 0.191	51.3 76.6 44.2	88.4 30	1.0 0.0 0.297	51.6 77.5 31.3	83.6 22	1.0 0.0 0.133	1.0 0.0 0.342	51.8 77.9 25.3	81.9 18	1.0 0.0 0.133
31	383	379	1.0 0.0 0.175	51.3 76.5 45.9	89.2 31	1.0 0.0 0.285	51.6 77.3 32.8	84.0 23	1.0 0.0 0.117	1.0 0.0 0.331	51.7 77.8 26.8	82.3 19	1.0 0.0 0.117
32	384	380	1.0 0.0 0.16	51.3 76.3 47.7	90.0 32	1.0 0.0 0.274	51.5 77.1 34.3	84.4 24	1.0 0.0 0.1	1.0 0.0 0.319	51.7 77.8 28.3	82.8 20	1.0 0.0 0.1
33	385	381	1.0 0.0 0.145	51.2 76.1 49.4	90.8 33	1.0 0.0 0.263	51.5 76.9 35.9	84.9 25	1.0 0.0 0.083	1.0 0.0 0.308	51.7 77.6 29.8	83.2 21	1.0 0.0 0.083
34	386	382	1.0 0.0 0.129	51.2 75.9 51.2	91.6 34	1.0 0.0 0.251	51.4 76.6 37.4	85.3 26	1.0 0.0 0.067	1.0 0.0 0.297	51.6 77.5 31.3	83.6 22	1.0 0.0 0.067
35	387	383	1.0 0.0 0.103	51.2 75.9 53.1	92.6 35	1.0 0.0 0.237	51.4 76.6 39.1	86.0 27	1.0 0.0 0.05	1.0 0.0 0.285	51.6 77.3 32.8	84.0 23	1.0 0.0 0.05
36	388	384	1.0 0.0 0.072	51.1 75.8 55.1	93.7 36	1.0 0.0 0.221	51.4 76.7 40.8	86.8 28	1.0 0.0 0.033	1.0 0.0 0.274	51.5 77.1 34.3	84.4 24	1.0 0.0 0.033
37	389	385	1.0 0.0 0.041	51.1 75.7 57.1	94.8 37	1.0 0.0 0.206	51.3 76.6 42.5	87.6 29	1.0 0.0 0.017	1.0 0.0 0.263	51.5 76.9 35.9	84.9 25	1.0 0.0 0.017
38	390	385	1.0 0.0 0.01	51.1 75.6 59.1	96.0 38	1.0 0.0 0.191	51.3 76.6 44.2	88.4 30	1.0 0.0 0.0R <sub>d</sub>	1.0 0.0 0.263	51.5 76.9 35.9	84.9 25	1.0 0.0 0.0R <sub>e</sub>

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 37.0, 103.1, 136.5, 196.4, 305.2, 328.1$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$



#### Notes to the CIELAB chroma diagrams ( $a^*_{\text{d}}, b^*_{\text{d}}$ , $a^*_{\text{s}}, b^*_{\text{s}}$ , $a^*_{\text{e}}, b^*_{\text{e}}$ )

- For the  $rgb^*_{\text{d}}$ -input values the CIELAB data  $LCH^*_{\text{d}}$  and  $LAB^*_{\text{d}}$  have been calculated.
- For the calculation of the standard hue angle  $h_{ab,s}$  use for any device values  $rgb^*_{\text{d}}$  the equation:  

$$h_{ab,s} = atan [ r^*_{\text{d}} \cos(30) + g^*_{\text{d}} \cos(150) ] / [ r^*_{\text{d}} \sin(30) + g^*_{\text{d}} \sin(150) + b^*_{\text{d}} \sin(270) ] \quad (1)$$
- For the 48 or 360 equally spaced standard hue angles  $h_{ab,s}$  of the colours of maximum chroma use the seven hue angles of the 60 degree colours s:  $h_{ab,si} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$  (i=0,6) and the equations for a 48 and 360 step hue circle:  

$$h_{48ab,ij} = h_{ab,si} + j [ h_{ab,si+1} - h_{ab,si} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$
  

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

$$h_{48ab,ej} = h_{ab,ei} + j [ h_{ab,ei+1} - h_{ab,ei} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$
  

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

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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: $h_{ab,d} = 37.0, 103.1, 136.5, 196.4, 305.2, 328.1$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$															
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd50M$	$LAB^*dd50Mx$ (x=LabCh)	$rgb^*ds50M$	$LAB^*ds50Mx$ (x=LabCh)	$rgb^*s50M$	$rgb^*de50M$	$LAB^*de50Mx$ (x=LabCh)	$rgb^*e50M$	$rgb^*ddr$	$rgb^*dr$	$rgb^*ds$	$rgb^*de$	
37.0	30.0	25.5	1.0 0.0 0.0	51.6 74.2 55.8	92.9 37.0	1.0 0.0 0.179	51.9 75.1 43.4	86.7 30	1.0 0.0 0.0	1.0 0.0 0.257	52.0 75.4 35.2	83.2 25	1.0 0.0 0.0		
38.4	37.5	33.8	1.0 0.125 0.0	52.6 71.4 56.6	91.1 38.4	1.0 0.089 0.0	52.4 72.2 56.4	91.6 38	1.0 0.125 0.0	1.0 0.0 0.101	51.7 74.5 50.3	89.9 34	1.0 0.125 0.0		
42.2	45.0	42.2	1.0 0.25 0.0	55.1 64.5 58.4	87.1 42.2	1.0 0.304 0.0	56.8 59.9 59.9	84.8 45	1.0 0.25 0.0	1.0 0.245 0.0	55.0 64.8 58.4	87.2 42	1.0 0.25 0.0		
48.8	52.5	50.5	1.0 0.375 0.0	59.0 53.8 61.5	81.7 48.8	1.0 0.43 0.0	61.3 47.9 63.6	79.6 53	1.0 0.375 0.0	1.0 0.404 0.0	60.3 50.7 62.6	80.6 51	1.0 0.375 0.0		
58.4	60.0	58.9	1.0 0.5 0.0	64.3 40.3 65.5	76.9 58.4	1.0 0.517 0.0	65.2 38.3 66.4	76.6 60	1.0 0.5 0.0	1.0 0.506 0.0	64.6 39.6 65.8	76.8 59	1.0 0.5 0.0		
70.3	67.5	67.2	1.0 0.625 0.0	70.6 25.2 70.4	74.8 70.3	1.0 0.601 0.0	69.4 28.2 69.7	75.2 68	1.0 0.625 0.0	1.0 0.59 0.0	68.8 29.4 69.4	75.4 67	1.0 0.625 0.0		
82.8	75.0	75.6	1.0 0.75 0.0	77.6 9.6 75.8	76.5 82.8	1.0 0.672 0.0	73.2 19.5 72.8	75.4 75	1.0 0.75 0.0	1.0 0.682 0.0	73.8 18.3 73.3	75.5 76	1.0 0.75 0.0		
94.0	82.5	84.0	1.0 0.875 0.0	85.0 -5.6 81.7	81.9 94.0	1.0 0.753 0.0	77.7 9.3 76.0	76.6 83	1.0 0.875 0.0	1.0 0.764 0.0	78.4 8.1 76.6	77.1 84	1.0 0.875 0.0		
103.1	90.0	92.3	1.0 1.0 0.0	92.7 -20.3 87.8	90.1 103.1	1.0 0.831 0.0	82.4 0.0 80.0	80.0 90	1.0 1.0 0.0	1.0 0.853 0.0	83.7 -2.7 80.9	80.9 92	1.0 1.0 0.0		
110.9	97.5	101.1	0.875 1.0 0.0	90.5 -32.4 85.1	91.1 110.9	1.0 0.93 0.0	88.4 -11.8 84.7	85.5 98	0.875 1.0 0.0	1.0 0.972 0.0	90.9 -16.7 86.6	88.2 101	0.875 1.0 0.0		
118.0	105.0	109.8	0.75 1.0 0.0	88.6 -44.0 82.8	93.8 118.0	0.969 1.0 0.0	92.2 -23.3 87.3	90.4 105	0.75 1.0 0.0	0.89 1.0 0.0	90.8 -31.0 85.5	91.0 110	0.75 1.0 0.0		
124.1	112.5	118.5	0.625 1.0 0.0	87.1 -54.6 80.9	97.7 124.1	0.839 1.0 0.0	90.0 -35.8 84.6	91.9 113	0.625 1.0 0.0	0.73 1.0 0.0	88.4 -45.7 82.6	94.4 119	0.625 1.0 0.0		
128.8	120.0	127.3	0.5 1.0 0.0	85.9 -63.8 79.3	101.9 128.8	0.71 1.0 0.0	88.1 -47.4 82.3	95.1 120	0.5 1.0 0.0	0.548 1.0 0.0	86.3 -60.2 80.1	100.2 127	0.5 1.0 0.0		
132.3	127.5	136.0	0.375 1.0 0.0	84.9 -71.2 78.2	105.8 132.3	0.522 1.0 0.0	86.1 -62.2 79.7	101.1 128	0.375 1.0 0.0	0.118 1.0 0.0	84.0 -79.6 77.0	110.8 136	0.375 1.0 0.0		
134.7	135.0	144.7	0.25 1.0 0.0	84.3 -76.4 77.4	108.9 134.7	0.218 1.0 0.0	84.2 -77.2 77.3	109.3 135	0.25 1.0 0.0	0.0 1.0 0.412 84.3	-75.0 52.6 91.7	91.7 145	0.25 1.0 0.0		
136.0	142.5	153.5	0.125 1.0 0.0	84.0 -79.5 77.0	110.8 136.0	0.0 1.0 0.361	84.2 -76.3 57.6	95.7 143	0.125 1.0 0.0	0.0 1.0 0.574 84.8	-69.3 35.4 77.9	153 125	1.0 0.0 0.0		
136.5	150.0	162.2	0.0 1.0 0.0	83.8 -80.8 76.8	111.5 136.5	0.0 1.0 0.522	84.6 -71.4 41.3	82.5 150	0.0 1.0 0.0	1.0 0.703 85.3	-63.4 20.6 66.7	162 0	0.0 1.0 0.0		
137.4	157.5	169.1	0.0 1.0 0.125	83.9 -80.2 73.8	109.0 137.4	0.0 1.0 0.652	85.1 -65.9 26.7	71.2 158	0.0 1.0 0.125	1.0 0.782 85.7	-59.2 11.5 60.4	169 0	0.0 1.0 0.125		
139.7	165.0	175.9	0.0 1.0 0.25	84.0 -78.6 66.8	103.3 139.7	0.0 1.0 0.742	85.5 -61.2 16.4	63.4 165	0.0 1.0 0.25	1.0 0.848 86.0	-55.3 3.9 55.5	176 0	0.0 1.0 0.25		
143.4	172.5	182.8	0.0 1.0 0.375	84.2 -76.0 56.5	94.7 143.4	0.0 1.0 0.82	85.9 -57.1 7.0	57.6 173	0.0 1.0 0.375	1.0 0.905 86.4	-51.9 -2.6 52.0	183 0	0.0 1.0 0.375		
148.7	180.0	189.6	0.0 1.0 0.5	84.5 -72.1 43.8	84.4 148.7	0.0 1.0 0.883	86.2 -53.0 0.0	53.1 180	0.0 1.0 0.5	1.0 0.954 86.7	-48.7 -8.5 49.5	190 0	0.0 1.0 0.5		
155.9	187.5	196.4	0.0 1.0 0.625	85.0 -67.0 30.0	73.5 155.9	0.0 1.0 0.94	86.6 -49.7 -6.9	50.2 188	0.0 1.0 0.625	1.0 0.997 87.0	-45.5 -13.0 47.4	196 0	0.0 1.0 0.625		
165.6	195.0	203.3	0.0 1.0 0.75	85.5 -60.7 15.6	62.8 165.6	0.0 1.0 0.99	86.9 -46.0 -12.3	47.7 195	0.0 1.0 0.75	0.965 1.0 0.0	84.6 -41.9 -17.7 45.6	203 0	0.0 1.0 0.75		
178.9	202.5	210.1	0.0 1.0 0.875	86.2 -53.4 1.1	53.5 178.9	0.0 0.965	1.0 84.6 -41.9 -17.7	45.6 203	0.0 1.0 0.875	0.928 1.0 0.0	82.0 -37.8 -21.8 43.8	210 0	0.0 1.0 0.875		
196.4	210.0	217.0	0.0 1.0 1.0	87.0 -45.2 -13.3	47.2 196.4	0.0 0.928	1.0 82.0 -37.8 -21.8	43.8 210	0.0 1.0 1.0	0.891 1.0 0.0	79.4 -33.5 -25.2 42.1	217 0	0.0 1.0 1.0		
220.0	217.5	223.8	0.0 0.875 1.0	78.3 -31.5 -26.4	41.3 220.0	0.0 0.886	1.0 79.0 -32.8 -25.6	41.8 218	0.0 0.875	1.0 0.857	1.0 0.0	77.0 -29.8 -28.8 41.6	224 0	0.0 0.875 1.0	
247.4	225.0	230.7	0.0 0.75 1.0	69.6 -16.5 -39.9	43.3 247.4	0.0 0.852	1.0 76.7 -29.4 -29.4	41.7 225	0.0 0.75 1.0	0.825 1.0 0.0	74.8 -26.4 -32.6 42.1	231 0	0.0 0.75 1.0		
269.8	232.5	237.5	0.0 0.625 1.0	61.1 0.0 -53.3	53.4 269.8	0.0 0.816	1.0 74.2 -25.3 -33.6	42.2 233	0.0 0.625 1.0	0.793 1.0 0.0	72.6 -22.5 -36.0 42.6	238 0	0.0 0.625 1.0		
284.8	240.0	244.4	0.0 0.5 1.0	52.9 17.6 -66.5	68.8 284.8	0.0 0.784	1.0 72.0 -21.3 -36.9	42.7 240	0.0 0.5 1.0	0.766 1.0 0.0	70.7 -18.8 -38.6 43.0	244 0	0.0 0.5 1.0		
294.4	247.5	251.2	0.0 0.375 1.0	45.4 35.7 -78.7	86.5 294.4	0.0 0.747	1.0 69.4 -16.2 -40.3	43.5 248	0.0 0.375 1.0	0.73 1.0 0.0	68.2 -14.5 -42.3 44.9	251 0	0.0 0.375 1.0		
300.5	255.0	258.0	0.0 0.25 1.0	39.1 52.3 -88.9	103.3 300.5	0.0 0.708	1.0 66.7 -12.0 -45.0	46.7 255	0.0 0.25 1.0	0.691 1.0 0.0	65.6 -9.9 -46.9 48.1	258 0	0.0 0.25 1.0		
303.9	262.5	264.9	0.0 0.125 1.0	34.9 64.4 -95.9	115.6 303.9	0.0 0.663	1.0 63.7 -6.0 -49.8	50.3 263	0.0 0.125 1.0	0.652 1.0 0.0	62.9 -4.4 -50.9 51.2	265 0	0.0 0.125 1.0		
305.2	270.0	271.7	0.0 0.0 1.0	33.1 70.0 -99.0	121.4 305.2	0.0 0.624	1.0 61.0 0.0 -53.5	53.6 270	0.0 0.0 1.0	0.607 1.0 0.0	59.9 1.9 -55.5 55.6	272 0	0.0 0.0 1.0		
305.7	277.5	278.8	0.125 0.0 1.0	33.6 70.4 -98.1	120.8 305.7	0.0 0.557	1.0 56.6 8.6 -61.1	61.8 278	0.125 0.0 1.0	0.548 1.0 0.0	56.1 9.8 -62.0 62.9	279 0	0.125 0.0 1.0		
306.7	285.0	286.0	0.25 0.0 1.0	35.0 71.4 -95.7	119.5 306.7	0.0 0.497	1.0 52.7 17.9 -66.7	69.2 285	0.25 0.0 1.0	0.484 1.0 0.0	51.9 19.6 -68.2 71.0	286 0	0.25 0.0 1.0		
308.5	292.5	293.1	0.375 0.0 1.0	37.3 73.1 -91.8	117.4 308.5	0.0 0.393	1.0 46.5 32.8 -77.1	83.9 293	0.375 0.0 1.0	0.393 1.0 0.0	46.5 32.8 -77.1 83.9	293 0	0.375 0.0 1.0		
311.1	300.0	300.2	0.5 0.0 1.0	40.5 75.5 -86.5	114.9 311.1	0.0 0.259	1.0 39.6 51.0 -88.2	102.0 300	0.5 0.0 1.0	0.259 1.0 0.0	39.6 51.0 -88.2 102.0	300 0	0.5 0.0 1.0		
314.5	307.5	307.3	0.625 0.0 1.0	44.3 78.7 -80.1	112.4 314.5	0.341 0.0 1.0	36.7 72.6 -92.8	117.9 308	0.625 0.0 1.0	0.272 0.0 1.0	35.4 71.7 -95.0 119.1	307 0	0.625 0.0 1.0		
318.5	315.0	314.4	0.75 0.0 1.0	48.6 82.6 -72.9	110.2 318.5	0.641 0.0 1.0	44.8 79.3 -79.2	112.1 315	0.75 0.0 1.0	0.607 0.0 1.0	43.7 78.3 -81.0 112.7	314 0.75 1.0	0.75 0.0 1.0		
323.2	322.5	321.5	0.875 0.0 1.0	53.3 87.0 -65.1	108.7 323.2	0.871 0.0 1.0	53.1 86.9 -65.4	108.8 323	0.875 0.0 1.0	0.817 0.0 1.0	51.1 85.0 -68.8 109.4	321 0.875 1.0	0.875 0.0 1.0		
328.1	330.0	328.6	1.0 0.0 0.0	58.2 91.8 -57.0	108.1 328.1	1.0 0.0 0.961	57.7 90.7 -52.3	104.8 330	1.0 0.0 0.0	1.0 0.0 0.0	0.982 57.9 91.3 -54.8	106.6 329	1.0 0.0 0.0		
334.0	337.5	335.7	1.0 0.0 0.875	56.6 87.7 -42.6	97.6 334.0	1.0 0.0 0.81	55.9 86.2 -34.7	92.9 338	1.0 0.0 0.875	1.0 0.0 0.0	0.843 56.2 87.0 -38.7	95.3 336	1.0 0.0 0.875		
341.7	345.0	342.8	1.0 0.0 0.75	55.2 84.1 -27.7	88.6 341.7	1.0 0.0 0.708	54.8 83.4 -22.2	86.3 345	1.0 0.0 0.75	1.0 0.0 0.0	0.734 55.0 83.9 -25.5	87.7 343	1.0 0.0 0.75		
351.5	352.5	349.9	1.0 0.0 0.625	54.1 81.0 -12.1	81.9 351.5	1.0 0.0 0.608	53.9 80.9 -9.8	81.5 353	1.0 0.0 0.625	1.0 0.0 0.0	0.644 54.2 81.7 -14.3	82.9 350	1.0 0.0 0.625		
362.9	360.0	357.0	1.0 0.0 0.5	53.1 78.5 4.0	78.6 362.9	1.0 0.0 0.532	53.4 79.4 0.0	79.4 0	1.0 0.0 0.5	1.0 0.0 0.0	0.564 53.6 80.2 -4.1	80.3 357	1.0 0.0 0.5		
374.9	367.5	364.2	1.0 0.0 0.375	52.5 76.6 20.4	79.2 374.9	1.0 0.0 0.447	52.9 78.1 11.0	79.8 8	1.0 0.0 0.375	1.0 0.0 0.0	0.489 53.1 78.5 5.5	78.7 4	1.0 0.0 0.375		
385.6	375.0	371.3	1.0 0.0 0.25	52.0 75.3 36.1	83.5 385.6	1.0 0.0 0.374	52.5 76.6 20.5	79.3 15	1.0 0.0 0.25	1.0 0.0 0.0	0.416 52.7 77.6 15.1	79.0 11	1.0 0.0 0.25		
393.3	382.5	378.4	1.0 0.0 0.125	51.7 74.5 49.0	89.2 393.3	1.0 0.0 0.28	52.1 75.9 32.2	82.4 23	1.0 0.0 0.125	1.0 0.0 0.0	0.339				

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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: $h_{ab,d} = 37.0, 103.1, 136.5, 196.4, 305.2, 328.1$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$													
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
36	30	25	1.0 0.0 0.033	51.7 74.4 54.0	91.9 36	$R_d$	1.0 0.0 0.179	51.9 75.1 43.4	86.7 30	1.0 0.0 0.0 $R_s$	1.0 0.0 0.257	52.0 75.4 35.2	83.2 25
37	31	27	1.0 0.004 0.0	51.7 74.1 55.9	92.8 37		1.0 0.0 0.162	51.8 75.0 45.0	87.5 31	1.0 0.017 0.0	1.0 0.0 0.227	52.0 75.3 38.4	84.5 27
38	32	28	1.0 0.089 0.0	52.4 72.2 56.4	91.6 38		1.0 0.0 0.146	51.8 74.8 46.7	88.2 32	1.0 0.033 0.0	1.0 0.0 0.211	51.9 75.3 40.0	85.2 28
39	33	29	1.0 0.145 0.0	53.0 70.3 56.9	90.5 39		1.0 0.0 0.13	51.8 74.6 48.4	88.9 33	1.0 0.05 0.0	1.0 0.0 0.195	51.9 75.2 41.7	86.0 29
40	34	30	1.0 0.178 0.0	53.7 68.5 57.5	89.4 40		1.0 0.0 0.101	51.7 74.5 50.3	89.9 34	1.0 0.067 0.0	1.0 0.0 0.179	51.9 75.1 43.4	86.7 30
41	35	31	1.0 0.211 0.0	54.3 66.6 57.9	88.3 41		1.0 0.0 0.067	51.7 74.5 52.1	90.9 35	1.0 0.083 0.0	1.0 0.0 0.162	51.8 75.0 45.0	87.5 31
42	36	32	1.0 0.245 0.0	55.0 64.8 58.4	87.2 42		1.0 0.0 0.033	51.7 74.4 54.0	91.9 36	1.0 0.1 0.0	1.0 0.0 0.146	51.8 74.8 46.7	88.2 32
43	37	33	1.0 0.266 0.0	55.6 63.2 58.9	86.4 43		1.0 0.004 0.0	51.7 74.1 55.9	92.8 37	1.0 0.117 0.0	1.0 0.0 0.13	51.8 74.6 48.4	88.9 33
44	38	34	1.0 0.285 0.0	56.2 61.6 59.4	85.6 44		1.0 0.089 0.0	52.4 72.2 56.4	91.6 38	1.0 0.133 0.0	1.0 0.0 0.101	51.7 74.5 50.3	89.9 34
45	39	36	1.0 0.304 0.0	56.8 59.9 59.9	84.8 45		1.0 0.145 0.0	53.0 70.3 56.9	90.5 39	1.0 0.15 0.0	1.0 0.0 0.033	51.7 74.4 54.0	91.9 36
46	40	37	1.0 0.322 0.0	57.4 58.3 60.4	84.0 46		1.0 0.178 0.0	53.7 68.5 57.5	89.4 40	1.0 0.167 0.0	1.0 0.004 0.0	51.7 74.1 55.9	92.8 37
47	41	38	1.0 0.341 0.0	58.0 56.7 60.8	83.1 47		1.0 0.211 0.0	54.3 66.6 57.9	88.3 41	1.0 0.183 0.0	1.0 0.089 0.0	52.4 72.2 56.4	91.6 38
48	42	39	1.0 0.36 0.0	58.6 55.1 61.2	82.3 48		1.0 0.245 0.0	55.0 64.8 58.4	87.2 42	1.0 0.2 0.0	1.0 0.145 0.0	53.0 70.3 56.9	90.5 39
49	43	40	1.0 0.378 0.0	59.2 53.5 61.6	81.6 49		1.0 0.266 0.0	55.6 63.2 58.9	86.4 43	1.0 0.217 0.0	1.0 0.178 0.0	53.7 68.5 57.5	89.4 40
50	44	41	1.0 0.391 0.0	59.7 52.1 62.1	81.1 50		1.0 0.285 0.0	56.2 61.6 59.4	85.6 44	1.0 0.233 0.0	1.0 0.211 0.0	54.3 66.6 57.9	88.3 41
51	45	42	1.0 0.404 0.0	60.3 50.7 62.6	80.6 51		1.0 0.304 0.0	56.8 59.9 59.9	84.8 45	1.0 0.25 0.0	1.0 0.245 0.0	55.0 64.8 58.4	87.2 42
52	46	43	1.0 0.417 0.0	60.8 49.3 63.1	80.1 52		1.0 0.322 0.0	57.4 58.3 60.4	84.0 46	1.0 0.267 0.0	1.0 0.266 0.0	55.6 63.2 58.9	86.4 43
53	47	44	1.0 0.43 0.0	61.3 47.9 63.6	79.6 53		1.0 0.341 0.0	58.0 56.7 60.8	83.1 47	1.0 0.283 0.0	1.0 0.285 0.0	56.2 61.6 59.4	85.6 44
54	48	46	1.0 0.443 0.0	61.9 46.5 64.0	79.1 54		1.0 0.36 0.0	58.6 55.1 61.2	82.3 48	1.0 0.3 0.0	1.0 0.322 0.0	57.4 58.3 60.4	84.0 46
55	49	47	1.0 0.456 0.0	62.4 45.1 64.4	78.6 55		1.0 0.378 0.0	59.2 53.5 61.6	81.6 49	1.0 0.317 0.0	1.0 0.341 0.0	58.0 56.7 60.8	83.1 47
56	50	48	1.0 0.469 0.0	63.0 43.7 64.8	78.1 56		1.0 0.391 0.0	59.7 52.1 62.1	81.1 50	1.0 0.333 0.0	1.0 0.36 0.0	58.6 55.1 61.2	82.3 48
57	51	49	1.0 0.482 0.0	63.5 42.3 65.1	77.6 57		1.0 0.404 0.0	60.3 50.7 62.6	80.6 51	1.0 0.35 0.0	1.0 0.378 0.0	59.2 53.5 61.6	81.6 49
58	52	50	1.0 0.495 0.0	64.1 40.9 65.4	77.1 58		1.0 0.417 0.0	60.8 49.3 63.1	80.1 52	1.0 0.367 0.0	1.0 0.391 0.0	59.7 52.1 62.1	81.1 50
59	53	51	1.0 0.506 0.0	64.6 39.6 65.8	76.8 59		1.0 0.43 0.0	61.3 47.9 63.6	79.6 53	1.0 0.383 0.0	1.0 0.404 0.0	60.3 50.7 62.6	80.6 51
60	54	52	1.0 0.517 0.0	65.2 38.3 66.4	76.6 60		1.0 0.443 0.0	61.9 46.5 64.0	79.1 54	1.0 0.4 0.0	1.0 0.417 0.0	60.8 49.3 63.1	80.1 52
61	55	53	1.0 0.527 0.0	65.7 37.1 66.9	76.5 61		1.0 0.456 0.0	62.4 45.1 64.4	78.6 55	1.0 0.417 0.0	1.0 0.43 0.0	61.3 47.9 63.6	79.6 53
62	56	54	1.0 0.538 0.0	66.2 35.8 67.3	76.3 62		1.0 0.469 0.0	63.0 43.7 64.8	78.1 56	1.0 0.433 0.0	1.0 0.443 0.0	61.9 46.5 64.0	79.1 54
63	57	56	1.0 0.548 0.0	66.7 34.5 67.8	76.1 63		1.0 0.482 0.0	63.5 42.3 65.1	77.6 57	1.0 0.45 0.0	1.0 0.469 0.0	63.0 43.7 64.8	78.1 56
64	58	57	1.0 0.559 0.0	67.3 33.3 68.2	75.9 64		1.0 0.495 0.0	64.1 40.9 65.4	77.1 58	1.0 0.467 0.0	1.0 0.482 0.0	63.5 42.3 65.1	77.6 57
65	59	58	1.0 0.569 0.0	67.8 32.0 68.6	75.7 65		1.0 0.506 0.0	64.6 39.6 65.8	76.8 59	1.0 0.483 0.0	1.0 0.495 0.0	64.1 40.9 65.4	77.1 58
66	60	59	1.0 0.58 0.0	68.3 30.7 69.0	75.6 66		1.0 0.517 0.0	65.2 38.3 66.4	76.6 60	1.0 0.5 0.0	1.0 0.506 0.0	64.6 39.6 65.8	76.8 59
67	61	60	1.0 0.59 0.0	68.8 29.4 69.4	75.4 67		1.0 0.527 0.0	65.7 37.1 66.9	76.5 61	1.0 0.517 0.0	1.0 0.517 0.0	65.2 38.3 66.4	76.6 60
68	62	61	1.0 0.601 0.0	69.4 28.2 69.7	75.2 68		1.0 0.538 0.0	66.2 35.8 67.3	76.3 62	1.0 0.533 0.0	1.0 0.527 0.0	65.7 37.1 66.9	76.5 61
69	63	62	1.0 0.611 0.0	69.9 26.9 70.0	75.0 69		1.0 0.548 0.0	66.7 34.5 67.8	76.1 63	1.0 0.55 0.0	1.0 0.538 0.0	66.2 35.8 67.3	76.3 62
70	64	63	1.0 0.622 0.0	70.4 25.6 70.3	74.8 70		1.0 0.559 0.0	67.3 33.3 68.2	75.9 64	1.0 0.567 0.0	1.0 0.548 0.0	66.7 34.5 67.8	76.1 63
71	65	64	1.0 0.632 0.0	71.0 24.4 70.8	74.9 71		1.0 0.569 0.0	67.8 32.0 68.6	75.7 65	1.0 0.583 0.0	1.0 0.559 0.0	67.3 33.3 68.2	75.9 64
72	66	66	1.0 0.642 0.0	71.5 23.2 71.3	75.0 72		1.0 0.58 0.0	68.3 30.7 69.0	75.6 66	1.0 0.6 0.0	1.0 0.58 0.0	68.3 30.7 69.0	75.6 66
73	67	67	1.0 0.652 0.0	72.1 22.0 71.9	75.1 73		1.0 0.59 0.0	68.8 29.4 69.4	75.4 67	1.0 0.617 0.0	1.0 0.59 0.0	68.8 29.4 69.4	75.4 67
74	68	68	1.0 0.662 0.0	72.7 20.7 72.4	75.3 74		1.0 0.601 0.0	69.4 28.2 69.7	75.2 68	1.0 0.633 0.0	1.0 0.601 0.0	69.4 28.2 69.7	75.2 68
75	69	69	1.0 0.672 0.0	73.2 19.5 72.8	75.4 75		1.0 0.611 0.0	69.9 26.9 70.0	75.0 69	1.0 0.65 0.0	1.0 0.611 0.0	69.9 26.9 70.0	75.0 69
76	70	70	1.0 0.682 0.0	73.8 18.3 73.3	75.5 76		1.0 0.622 0.0	70.4 25.6 70.3	74.8 70	1.0 0.667 0.0	1.0 0.622 0.0	70.4 25.6 70.3	74.8 70
77	71	71	1.0 0.692 0.0	74.3 17.0 73.7	75.7 77		1.0 0.632 0.0	71.0 24.4 70.8	74.9 71	1.0 0.683 0.0	1.0 0.632 0.0	71.0 24.4 70.8	74.9 71
78	72	72	1.0 0.702 0.0	74.9 15.8 74.2	75.8 78		1.0 0.642 0.0	71.5 23.2 71.3	75.0 72	1.0 0.7 0.0	1.0 0.642 0.0	71.5 23.2 71.3	75.0 72
79	73	73	1.0 0.712 0.0	75.5 14.5 74.6	76.0 79		1.0 0.652 0.0	72.1 22.0 71.9	75.1 73	1.0 0.717 0.0	1.0 0.652 0.0	72.1 22.0 71.9	75.1 73
80	74	74	1.0 0.722 0.0	76.0 13.2 74.9	76.1 80		1.0 0.662 0.0	72.7 20.7 72.4	75.3 74	1.0 0.733 0.0	1.0 0.662 0.0	72.7 20.7 72.4	75.3 74
81	75	76	1.0 0.732 0.0	76.6 11.9 75.3	76.2 81		1.0 0.672 0.0	73.2 19.5 72.8	75.4 75	1.0 0.75 0.0	1.0 0.682 0.0	73.8 18.3 73.3	75.5 76

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 37.0, 103.1, 136.5, 196.4, 305.2, 328.1$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
81	75	76	1.0 0.732 0.0	76.6 11.9 75.3 76.2 81	1.0 0.672 0.0	73.2 19.5 72.8 75.4 75	1.0 0.75 0.0	1.0 0.682 0.0	73.8 18.3 73.3 75.5 76	1.0 0.75 0.0		
82	76	77	1.0 0.742 0.0	77.1 10.6 75.6 76.4 82	1.0 0.682 0.0	73.8 18.3 73.3 75.5 76	1.0 0.767 0.0	1.0 0.692 0.0	74.3 17.0 73.7 75.7 77	1.0 0.767 0.0		
83	77	78	1.0 0.753 0.0	77.7 9.3 76.0 76.6 83	1.0 0.692 0.0	74.3 17.0 73.7 75.7 77	1.0 0.783 0.0	1.0 0.702 0.0	74.9 15.8 74.2 75.8 78	1.0 0.783 0.0		
84	78	79	1.0 0.764 0.0	78.4 8.1 76.6 77.1 84	1.0 0.702 0.0	74.9 15.8 74.2 75.8 78	1.0 0.8 0.0	1.0 0.712 0.0	75.5 14.5 74.6 76.0 79	1.0 0.8 0.0		
85	79	80	1.0 0.775 0.0	79.0 6.8 77.2 77.5 85	1.0 0.712 0.0	75.5 14.5 74.6 76.0 79	1.0 0.817 0.0	1.0 0.722 0.0	76.0 13.2 74.9 76.1 80	1.0 0.817 0.0		
86	80	81	1.0 0.786 0.0	79.7 5.4 77.8 78.0 86	1.0 0.722 0.0	76.0 13.2 74.9 76.1 80	1.0 0.833 0.0	1.0 0.732 0.0	76.6 11.9 75.3 76.2 81	1.0 0.833 0.0		
87	81	82	1.0 0.797 0.0	80.4 4.1 78.4 78.5 87	1.0 0.732 0.0	76.6 11.9 75.3 76.2 81	1.0 0.85 0.0	1.0 0.742 0.0	77.1 10.6 75.6 76.4 82	1.0 0.85 0.0		
88	82	83	1.0 0.808 0.0	81.0 2.8 78.9 79.0 88	1.0 0.742 0.0	77.1 10.6 75.6 76.4 82	1.0 0.867 0.0	1.0 0.753 0.0	77.7 9.3 76.0 76.6 83	1.0 0.867 0.0		
89	83	85	1.0 0.82 0.0	81.7 1.4 79.5 79.5 89	1.0 0.753 0.0	77.7 9.3 76.0 76.6 83	1.0 0.883 0.0	1.0 0.775 0.0	79.0 6.8 77.2 77.5 85	1.0 0.883 0.0		
90	84	86	1.0 0.831 0.0	82.4 0.0 80.0 80.0 90	1.0 0.764 0.0	78.4 8.1 76.6 77.1 84	1.0 0.9 0.0	1.0 0.786 0.0	79.7 5.4 77.8 78.0 86	1.0 0.9 0.0		
91	85	87	1.0 0.842 0.0	83.0 -1.3 80.4 80.4 91	1.0 0.775 0.0	79.0 6.8 77.2 77.5 85	1.0 0.917 0.0	1.0 0.797 0.0	80.4 4.1 78.4 78.5 87	1.0 0.917 0.0		
92	86	88	1.0 0.853 0.0	83.7 -2.7 80.9 80.9 92	1.0 0.786 0.0	79.7 5.4 77.8 78.0 86	1.0 0.933 0.0	1.0 0.808 0.0	81.0 2.8 78.9 79.0 88	1.0 0.933 0.0		
93	87	89	1.0 0.864 0.0	84.3 -4.2 81.3 81.4 93	1.0 0.797 0.0	80.4 4.1 78.4 78.5 87	1.0 0.95 0.0	1.0 0.82 0.0	81.7 1.4 79.5 79.5 89	1.0 0.95 0.0		
94	88	90	1.0 0.875 0.0	85.0 -5.6 81.7 81.9 94	1.0 0.808 0.0	81.0 2.8 78.9 79.0 88	1.0 0.967 0.0	1.0 0.831 0.0	82.4 0.0 80.0 80.0 90	1.0 0.967 0.0		
95	89	91	1.0 0.889 0.0	85.9 -7.1 82.5 82.8 95	1.0 0.82 0.0	81.7 1.4 79.5 79.5 89	1.0 0.983 0.0	1.0 0.842 0.0	83.0 -1.3 80.4 80.4 91	1.0 0.983 0.0		
96	90	92	1.0 0.903 0.0	86.7 -8.7 83.3 83.7 96	1.0 0.831 0.0	82.4 0.0 80.0 80.0 90	1.0 1.0 0.0 $J_s$	1.0 0.853 0.0	83.7 -2.7 80.9 80.9 92	1.0 1.0 0.0 $J_e$		
97	91	93	1.0 0.917 0.0	87.5 -10.2 84.0 84.6 97	1.0 0.842 0.0	83.0 -1.3 80.4 80.4 91	1.0 0.983 1.0 0.0	1.0 0.864 0.0	84.3 -4.2 81.3 81.4 93	1.0 0.983 1.0 0.0		
98	92	95	1.0 0.93 0.0	88.4 -11.8 84.7 85.5 98	1.0 0.853 0.0	83.7 -2.7 80.9 80.9 92	1.0 0.967 1.0 0.0	1.0 0.889 0.0	85.9 -7.1 82.5 82.8 95	1.0 0.967 1.0 0.0		
99	93	96	1.0 0.944 0.0	89.2 -13.4 85.4 86.4 99	1.0 0.864 0.0	84.3 -4.2 81.3 81.4 93	1.0 0.95 1.0 0.0	1.0 0.903 0.0	86.7 -8.7 83.3 83.7 96	1.0 0.95 1.0 0.0		
100	94	97	1.0 0.958 0.0	90.1 -15.1 86.0 87.3 100	1.0 0.875 0.0	85.0 -5.6 81.7 81.9 94	1.0 0.933 1.0 0.0	1.0 0.917 0.0	87.5 -10.2 84.0 84.6 97	1.0 0.933 1.0 0.0		
101	95	98	1.0 0.972 0.0	90.9 -16.7 86.6 88.2 101	1.0 0.889 0.0	85.9 -7.1 82.5 82.8 95	1.0 0.917 1.0 0.0	1.0 0.93 0.0	88.4 -11.8 84.7 85.5 98	1.0 0.917 1.0 0.0		
102	96	99	1.0 0.985 0.0	91.8 -18.4 87.2 89.1 102	1.0 0.903 0.0	86.7 -8.7 83.3 83.7 96	1.0 0.9 1.0 0.0	1.0 0.944 0.0	89.2 -13.4 85.4 86.4 99	0.9 0.9 1.0 0.0		
103	97	100	1.0 0.999 0.0	92.6 -20.2 87.7 90.0 103 $J_d$	1.0 0.917 0.0	87.5 -10.2 84.0 84.6 97	1.0 0.883 1.0 0.0	1.0 0.958 0.0	90.1 -15.1 86.0 87.3 100	0.883 1.0 0.0		
104	98	102	0.985 1.0 0.0	92.4 -21.7 87.6 90.2 104	1.0 0.93 0.0	88.4 -11.8 84.7 85.5 98	0.867 1.0 0.0	1.0 0.985 0.0	91.8 -18.4 87.2 89.1 102	0.867 1.0 0.0		
105	99	103	0.969 1.0 0.0	92.2 -23.3 87.3 90.4 105	1.0 0.944 0.0	89.2 -13.4 85.4 86.4 99	0.85 1.0 0.0	1.0 0.999 0.0	92.6 -20.2 87.7 90.0 103	0.85 1.0 0.0		
106	100	104	0.953 1.0 0.0	91.9 -24.8 87.0 90.5 106	1.0 0.958 0.0	90.1 -15.1 86.0 87.3 100	0.833 1.0 0.0	0.985 1.0 0.0	92.4 -21.7 87.6 90.2 104	0.833 1.0 0.0		
107	101	105	0.937 1.0 0.0	91.6 -26.4 86.7 90.6 107	1.0 0.972 0.0	90.9 -16.7 86.6 88.2 101	0.817 1.0 0.0	0.969 1.0 0.0	92.2 -23.3 87.3 90.4 105	0.817 1.0 0.0		
108	102	106	0.922 1.0 0.0	91.3 -27.9 86.3 90.7 108	1.0 0.985 0.0	91.8 -18.4 87.2 89.1 102	0.8 1.0 0.0	0.953 1.0 0.0	91.9 -24.8 87.0 90.5 106	0.8 1.0 0.0		
109	103	107	0.906 1.0 0.0	91.1 -29.5 85.9 90.9 109	1.0 0.999 0.0	92.6 -20.2 87.7 90.0 103	0.783 1.0 0.0	0.937 1.0 0.0	91.6 -26.4 86.7 90.6 107	0.783 1.0 0.0		
110	104	109	0.89 1.0 0.0	90.8 -31.0 85.5 91.0 110	0.985 1.0 0.0	92.4 -21.7 87.6 90.2 104	0.767 1.0 0.0	0.906 1.0 0.0	91.1 -29.5 85.9 90.9 109	0.767 1.0 0.0		
111	105	110	0.874 1.0 0.0	90.5 -32.6 85.1 91.2 111	0.969 1.0 0.0	92.2 -23.3 87.3 90.4 105	0.75 1.0 0.0	0.89 1.0 0.0	90.8 -31.0 85.5 91.0 110	0.75 1.0 0.0		
112	106	111	0.856 1.0 0.0	90.2 -34.2 84.9 91.5 112	0.953 1.0 0.0	91.9 -24.8 87.0 90.5 106	0.733 1.0 0.0	0.874 1.0 0.0	90.5 -32.6 85.1 91.2 111	0.733 1.0 0.0		
113	107	112	0.839 1.0 0.0	90.0 -35.8 84.6 91.9 113	0.937 1.0 0.0	91.6 -26.4 86.7 90.6 107	0.717 1.0 0.0	0.856 1.0 0.0	90.2 -34.2 84.9 91.5 112	0.717 1.0 0.0		
114	108	113	0.821 1.0 0.0	89.7 -37.4 84.3 92.3 114	0.922 1.0 0.0	91.3 -27.9 86.3 90.7 108	0.7 1.0 0.0	0.839 1.0 0.0	90.0 -35.8 84.6 91.9 113	0.7 1.0 0.0		
115	109	114	0.803 1.0 0.0	89.4 -39.1 84.0 92.7 115	0.906 1.0 0.0	91.1 -29.5 85.9 90.9 109	0.683 1.0 0.0	0.821 1.0 0.0	89.7 -37.4 84.3 92.3 114	0.683 1.0 0.0		
116	110	116	0.786 1.0 0.0	89.2 -40.7 83.6 93.1 116	0.89 1.0 0.0	90.8 -31.0 85.5 91.0 110	0.667 1.0 0.0	0.786 1.0 0.0	89.2 -40.7 83.6 93.1 116	0.667 1.0 0.0		
117	111	117	0.768 1.0 0.0	88.9 -42.3 83.3 93.4 117	0.874 1.0 0.0	90.5 -32.6 85.1 91.2 111	0.65 1.0 0.0	0.768 1.0 0.0	88.9 -42.3 83.3 93.4 117	0.65 1.0 0.0		
118	112	118	0.751 1.0 0.0	88.7 -43.9 82.8 93.8 118	0.856 1.0 0.0	90.2 -34.2 84.9 91.5 112	0.633 1.0 0.0	0.751 1.0 0.0	88.7 -43.9 82.8 93.8 118	0.633 1.0 0.0		
119	113	119	0.73 1.0 0.0	88.4 -45.7 82.6 94.4 119	0.839 1.0 0.0	90.0 -35.8 84.6 91.9 113	0.617 1.0 0.0	0.73 1.0 0.0	88.4 -45.7 82.6 94.4 119	0.617 1.0 0.0		
120	114	120	0.71 1.0 0.0	88.1 -47.4 82.3 95.1 120	0.821 1.0 0.0	89.7 -37.4 84.3 92.3 114	0.6 1.0 0.0	0.71 1.0 0.0	88.1 -47.4 82.3 95.1 120	0.6 1.0 0.0		
121	115	121	0.689 1.0 0.0	87.9 -49.2 82.0 95.7 121	0.803 1.0 0.0	89.4 -39.1 84.0 92.7 115	0.583 1.0 0.0	0.689 1.0 0.0	87.9 -49.2 82.0 95.7 121	0.583 1.0 0.0		
122	116	123	0.668 1.0 0.0	87.6 -51.0 81.7 96.3 122	0.786 1.0 0.0	89.2 -40.7 83.6 93.1 116	0.567 1.0 0.0	0.647 1.0 0.0	87.4 -52.7 81.3 97.0 123	0.567 1.0 0.0		
123	117	124	0.647 1.0 0.0	87.4 -52.7 81.3 97.0 123	0.768 1.0 0.0	88.9 -42.3 83.3 93.4 117	0.55 1.0 0.0	0.627 1.0 0.0	87.1 -54.5 80.9 97.6 124	0.55 1.0 0.0		
124	118	125	0.627 1.0 0.0	87.1 -54.5 80.9 97.6 124	0.751 1.0 0.0	88.7 -43.9 82.8 93.8 118	0.533 1.0 0.0	0.601 1.0 0.0	86.9 -56.4 80.7 98.5 125	0.533 1.0 0.0		
125	119	126	0.601 1.0 0.0	86.9 -56.4 80.7 98.5 125	0.73 1.0 0.0	88.4 -45.7 82.6 94.4 119	0.517 1.0 0.0	0.575 1.0 0.0	86.6 -58.3 80.4 99.4 126	0.517 1.0 0.0		
126	120	127	0.575 1.0 0.0	86.6 -58.3 80.4 99.4 126	0.71 1.0 0.0	88.1 -47.4 82.3 95.1 120	0.5 1.0 0.0	0.548 1.0 0.0	86.3 -60.2 80.1 100.2 127	0.5 1.0 0.0		

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 37.0, 103.1, 136.5, 196.4, 305.2, 328.1$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
126	120	127	0.575 1.0 0.0	86.6 -58.3 80.4 99.4 126	0.71 1.0 0.0	88.1 -47.4 82.3 95.1 120	0.5 1.0 0.0	0.548 1.0 0.0	86.3 -60.2 80.1 100.2 127	0.5 1.0 0.0	0.0	0.0
127	121	128	0.548 1.0 0.0	86.3 -60.2 80.1 100.2 127	0.689 1.0 0.0	87.9 -49.2 82.0 95.7 121	0.483 1.0 0.0	0.522 1.0 0.0	86.1 -62.2 79.7 101.1 128	0.483 1.0 0.0	0.0	0.0
128	122	130	0.522 1.0 0.0	86.1 -62.2 79.7 101.1 128	0.668 1.0 0.0	87.6 -51.0 81.7 96.3 122	0.467 1.0 0.0	0.459 1.0 0.0	85.5 -66.2 79.0 103.2 130	0.467 1.0 0.0	0.0	0.0
129	123	131	0.495 1.0 0.0	85.8 -64.1 79.3 102.1 129	0.647 1.0 0.0	87.4 -52.7 81.3 97.0 123	0.45 1.0 0.0	0.423 1.0 0.0	85.3 -68.3 78.7 104.3 131	0.45 1.0 0.0	0.0	0.0
130	124	132	0.459 1.0 0.0	85.5 -66.2 79.0 103.2 130	0.627 1.0 0.0	87.1 -54.5 80.9 97.6 124	0.433 1.0 0.0	0.387 1.0 0.0	85.0 -70.4 78.3 105.4 132	0.433 1.0 0.0	0.0	0.0
131	125	133	0.423 1.0 0.0	85.3 -68.3 78.7 104.3 131	0.601 1.0 0.0	86.9 -56.4 80.7 98.5 125	0.417 1.0 0.0	0.34 1.0 0.0	84.8 -72.6 78.0 106.7 133	0.417 1.0 0.0	0.0	0.0
132	126	134	0.387 1.0 0.0	85.0 -70.4 78.3 105.4 132	0.575 1.0 0.0	86.6 -58.3 80.4 99.4 126	0.4 1.0 0.0	0.286 1.0 0.0	84.5 -74.9 77.7 108.0 134	0.4 1.0 0.0	0.0	0.0
133	127	135	0.34 1.0 0.0	84.8 -72.6 78.0 106.7 133	0.548 1.0 0.0	86.3 -60.2 80.1 100.2 127	0.383 1.0 0.0	0.218 1.0 0.0	84.2 -77.2 77.3 109.3 135	0.383 1.0 0.0	0.0	0.0
134	128	137	0.286 1.0 0.0	84.5 -74.9 77.7 108.0 134	0.522 1.0 0.0	86.1 -62.2 79.7 101.1 128	0.367 1.0 0.0	0.0 1.0	0.069 83.8 -80.5 75.1 110.1 137	0.367 1.0 0.0	0.0	0.0
135	129	138	0.218 1.0 0.0	84.2 -77.2 77.3 109.3 135	0.495 1.0 0.0	85.8 -64.1 79.3 102.1 129	0.35 1.0 0.0	0.0 1.0	0.157 83.9 -79.8 72.0 107.5 138	0.35 1.0 0.0	0.0	0.0
136	130	139	0.118 1.0 0.0	84.0 -79.6 77.0 110.8 136	0.459 1.0 0.0	85.5 -66.2 79.0 103.2 130	0.333 1.0 0.0	0.0 1.0	0.213 84.0 -79.1 68.9 105.0 139	0.333 1.0 0.0	0.0	0.0
137	131	140	0.0 1.0	0.069 83.8 -80.5 75.1 110.1 137	0.423 1.0 0.0	85.3 -68.3 78.7 104.3 131	0.317 1.0 0.0	0.0 1.0	0.261 84.0 -78.5 65.9 102.5 140	0.317 1.0 0.0	0.0	0.0
138	132	141	0.0 1.0	0.157 83.9 -79.8 72.0 107.5 138	0.387 1.0 0.0	85.0 -70.4 78.3 105.4 132	0.3 1.0 0.0	0.0 1.0	0.294 84.1 -77.8 63.1 100.3 141	0.3 1.0 0.0	0.0	0.0
139	133	142	0.0 1.0	0.213 84.0 -79.1 68.9 105.0 139	0.34 1.0 0.0	84.8 -72.6 78.0 106.7 133	0.283 1.0 0.0	0.0 1.0	0.328 84.1 -77.1 60.3 98.0 142	0.283 1.0 0.0	0.0	0.0
140	134	144	0.0 1.0	0.261 84.0 -78.5 65.9 102.5 140	0.286 1.0 0.0	84.5 -74.9 77.7 108.0 134	0.267 1.0 0.0	0.0 1.0	0.389 84.2 -75.6 55.0 93.6 144	0.267 1.0 0.0	0.0	0.0
141	135	145	0.0 1.0	0.294 84.1 -77.8 63.1 100.3 141	0.218 1.0 0.0	84.2 -77.2 77.3 109.3 135	0.25 1.0 0.0	0.0 1.0	0.412 84.3 -75.0 52.6 91.7 145	0.25 1.0 0.0	0.0	0.0
142	136	146	0.0 1.0	0.328 84.1 -77.1 60.3 98.0 142	0.118 1.0 0.0	84.0 -79.6 77.0 110.8 136	0.233 1.0 0.0	0.0 1.0	0.436 84.4 -74.3 50.2 89.7 146	0.233 1.0 0.0	0.0	0.0
143	137	147	0.0 1.0	0.361 84.2 -76.3 57.6 95.7 143	0.0 1.0	0.069 83.8 -80.5 75.1 110.1 137	0.217 1.0 0.0	0.0 1.0	0.459 84.4 -73.5 47.8 87.8 147	0.217 1.0 0.0	0.0	0.0
144	138	148	0.0 1.0	0.389 84.2 -75.6 55.0 93.6 144	0.0 1.0	0.157 83.9 -79.8 72.0 107.5 138	0.2 1.0 0.0	0.0 1.0	0.483 84.5 -72.7 45.5 85.9 148	0.2 1.0 0.0	0.0	0.0
145	139	149	0.0 1.0	0.412 84.3 -75.0 52.6 91.7 145	0.0 1.0	0.213 84.0 -79.1 68.9 105.0 139	0.183 1.0 0.0	0.0 1.0	0.505 84.5 -71.9 43.3 84.0 149	0.183 1.0 0.0	0.0	0.0
146	140	151	0.0 1.0	0.436 84.4 -74.3 50.2 89.7 146	0.0 1.0	0.261 84.0 -78.5 65.9 102.5 140	0.167 1.0 0.0	0.0 1.0	0.539 84.7 -70.7 39.3 81.0 151	0.167 1.0 0.0	0.0	0.0
147	141	152	0.0 1.0	0.459 84.4 -73.5 47.8 87.8 147	0.0 1.0	0.294 84.1 -77.8 63.1 100.3 141	0.15 1.0 0.0	0.0 1.0	0.557 84.7 -70.0 37.3 79.4 152	0.15 1.0 0.0	0.0	0.0
148	142	153	0.0 1.0	0.483 84.5 -72.7 45.5 85.9 148	0.0 1.0	0.328 84.1 -77.1 60.3 98.0 142	0.133 1.0 0.0	0.0 1.0	0.574 84.8 -69.3 35.4 77.9 153	0.133 1.0 0.0	0.0	0.0
149	143	154	0.0 1.0	0.505 84.5 -71.9 43.3 84.0 149	0.0 1.0	0.361 84.2 -76.3 57.6 95.7 143	0.117 1.0 0.0	0.0 1.0	0.592 84.8 -68.6 33.5 76.4 154	0.117 1.0 0.0	0.0	0.0
150	144	155	0.0 1.0	0.522 84.6 -71.4 41.3 82.5 150	0.0 1.0	0.389 84.2 -75.6 55.0 93.6 144	0.1 1.0 0.0	0.0 1.0	0.609 84.9 -67.7 31.6 74.9 155	0.1 1.0 0.0	0.0	0.0
151	145	156	0.0 1.0	0.539 84.7 -70.7 39.3 81.0 151	0.0 1.0	0.412 84.3 -75.0 52.6 91.7 145	0.083 1.0 0.0	0.0 1.0	0.626 85.0 -66.9 29.8 73.4 156	0.083 1.0 0.0	0.0	0.0
152	146	158	0.0 1.0	0.557 84.7 -70.0 37.3 79.4 152	0.0 1.0	0.436 84.4 -74.3 50.2 89.7 146	0.067 1.0 0.0	0.0 1.0	0.652 85.1 -65.9 26.7 71.2 158	0.067 1.0 0.0	0.0	0.0
153	147	159	0.0 1.0	0.574 84.8 -69.3 35.4 77.9 153	0.0 1.0	0.459 84.4 -73.5 47.8 87.8 147	0.05 1.0 0.0	0.0 1.0	0.665 85.1 -65.3 25.1 70.1 159	0.05 1.0 0.0	0.0	0.0
154	148	160	0.0 1.0	0.592 84.8 -68.6 33.5 76.4 154	0.0 1.0	0.483 84.5 -72.7 45.5 85.9 148	0.033 1.0 0.0	0.0 1.0	0.678 85.2 -64.7 23.6 69.0 160	0.033 1.0 0.0	0.0	0.0
155	149	161	0.0 1.0	0.609 84.9 -67.7 31.6 74.9 155	0.0 1.0	0.505 84.5 -71.9 43.3 84.0 149	0.017 1.0 0.0	0.0 1.0	0.691 85.2 -64.1 22.1 67.9 161	0.017 1.0 0.0	0.0	0.0
156	150	162	0.0 1.0	0.626 85.0 -66.9 29.8 73.4 156	0.0 1.0	0.522 84.6 -71.4 41.3 82.5 150	0.0 1.0	0.0 1.0	0.703 85.3 -63.4 20.6 66.7 162	0.0 1.0	0.0 1.0	0.0 1.0
157	151	163	0.0 1.0	0.639 85.0 -66.4 28.2 72.3 157	0.0 1.0	0.539 84.7 -70.7 39.3 81.0 151	0.0 1.0	0.0 1.0	0.716 85.4 -62.7 19.2 65.6 163	0.0 1.0	0.0 1.0	0.0 1.0
158	152	164	0.0 1.0	0.652 85.1 -65.9 26.7 71.2 158	0.0 1.0	0.557 84.7 -70.0 37.3 79.4 152	0.0 1.0	0.0 1.0	0.729 85.4 -61.9 17.8 64.5 164	0.0 1.0	0.0 1.0	0.0 1.0
159	153	165	0.0 1.0	0.665 85.1 -65.3 25.1 70.1 159	0.0 1.0	0.574 84.8 -69.3 35.4 77.9 153	0.0 1.0	0.0 1.0	0.742 85.5 -61.2 16.4 63.4 165	0.0 1.0	0.0 1.0	0.0 1.0
160	154	166	0.0 1.0	0.678 85.2 -64.7 23.6 69.0 160	0.0 1.0	0.592 84.8 -68.6 33.5 76.4 154	0.0 1.0	0.0 1.0	0.754 85.5 -60.5 15.1 62.5 166	0.0 1.0	0.0 1.0	0.0 1.0
161	155	167	0.0 1.0	0.691 85.2 -64.1 22.1 67.9 161	0.0 1.0	0.609 84.9 -67.7 31.6 74.9 155	0.0 1.0	0.0 1.0	0.763 85.6 -60.1 13.9 61.8 167	0.0 1.0	0.0 1.0	0.0 1.0
162	156	168	0.0 1.0	0.703 85.3 -63.4 20.6 66.7 162	0.0 1.0	0.626 85.0 -66.9 29.8 73.4 156	0.0 1.0	0.0 1.0	0.773 85.6 -59.7 12.7 61.1 168	0.0 1.0	0.0 1.0	0.0 1.0
163	157	169	0.0 1.0	0.716 85.4 -62.7 19.2 65.6 163	0.0 1.0	0.639 85.0 -66.4 28.2 72.3 157	0.0 1.0	0.0 1.0	0.782 85.7 -59.2 11.5 60.4 169	0.0 1.0	0.0 1.0	0.0 1.0
164	158	170	0.0 1.0	0.729 85.4 -61.9 17.8 64.5 164	0.0 1.0	0.652 85.1 -65.9 26.7 71.2 158	0.0 1.0	0.0 1.0	0.791 85.7 -58.7 10.4 59.7 170	0.0 1.0	0.0 1.0	0.0 1.0
165	159	170	0.0 1.0	0.742 85.5 -61.2 16.4 63.4 165	0.0 1.0	0.665 85.1 -65.3 25.1 70.1 159	0.0 1.0	0.0 1.0	0.791 85.7 -58.7 10.4 59.7 170	0.0 1.0	0.0 1.0	0.0 1.0
166	160	171	0.0 1.0	0.754 85.5 -60.5 15.1 62.5 166	0.0 1.0	0.678 85.2 -64.7 23.6 69.0 160	0.0 1.0	0.0 1.0	0.801 85.8 -58.2 9.2 59.0 171	0.0 1.0	0.0 1.0	0.0 1.0
167	161	172	0.0 1.0	0.763 85.6 -60.1 13.9 61.8 167	0.0 1.0	0.691 85.2 -64.1 22.1 67.9 161	0.0 1.0	0.0 1.0	0.81 85.8 -57.6 8.1 58.3 172	0.0 1.0	0.0 1.0	0.0 1.0
168	162	173	0.0 1.0	0.773 85.6 -59.7 12.7 61.1 168	0.0 1.0	0.703 85.3 -63.4 20.6 66.7 162	0.0 1.0	0.0 1.0	0.82 85.9 -57.1 7.0 57.6 173	0.0 1.0	0.0 1.0	0.0 1.0
169	163	174	0.0 1.0	0.782 85.7 -59.2 11.5 60.4 169	0.0 1.0	0.716 85.4 -62.7 19.2 65.6 163	0.0 1.0	0.0 1.0	0.829 85.9 -56.5 5.9 56.9 174	0.0 1.0	0.0 1.0	0.0 1.0
170	164	175	0.0 1.0	0.791 85.7 -58.7 10.4 59.7 170	0.0 1.0	0.729 85.4 -61.9 17.8 64.5 164	0.0 1.0	0.0 1.0	0.839 86.0 -55.9 4.9 56.2 175	0.0 1.0	0.0 1.0	0.0 1.0
171	165	176	0.0 1.0	0.801 85.8 -58.2 9.2 59.0 171	0.0 1.0	0.742 85.5 -61.2 16.4 63.4 165	0.0 1.0	0.0 1.0	0.848 86.0 -55.3 3.9 55.5 176	0.0 1.0	0.0 1.0	0.0 1.0

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 37.0, 103.1, 136.5, 196.4, 305.2, 328.1$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
171	165	176	0.0 1.0 0.801	85.8 -58.2 9.2	59.0 171	0.0 1.0 0.742	85.5 -61.2 16.4	63.4 165	0.0 1.0 0.25	0.0 1.0 0.848	86.0 -55.3 3.9	55.5 176	0.0 1.0 0.25
172	166	177	0.0 1.0 0.81	85.8 -57.6 8.1	58.3 172	0.0 1.0 0.754	85.5 -60.5 15.1	62.5 166	0.0 1.0 0.267	0.0 1.0 0.858	86.1 -54.6 2.9	54.8 177	0.0 1.0 0.267
173	167	178	0.0 1.0 0.82	85.9 -57.1 7.0	57.6 173	0.0 1.0 0.763	85.6 -60.1 13.9	61.8 167	0.0 1.0 0.283	0.0 1.0 0.867	86.2 -54.0 1.9	54.1 178	0.0 1.0 0.283
174	168	179	0.0 1.0 0.829	85.9 -56.5 5.9	56.9 174	0.0 1.0 0.773	85.6 -59.7 12.7	61.1 168	0.0 1.0 0.3	0.0 1.0 0.876	86.2 -53.3 0.9	53.5 179	0.0 1.0 0.3
175	169	180	0.0 1.0 0.839	86.0 -55.9 4.9	56.2 175	0.0 1.0 0.782	85.7 -59.2 11.5	60.4 169	0.0 1.0 0.317	0.0 1.0 0.883	86.2 -53.0 0.0	53.1 180	0.0 1.0 0.317
176	170	180	0.0 1.0 0.848	86.0 -55.3 3.9	55.5 176	0.0 1.0 0.791	85.7 -58.7 10.4	59.7 170	0.0 1.0 0.333	0.0 1.0 0.883	86.2 -53.0 0.0	53.1 180	0.0 1.0 0.333
177	171	181	0.0 1.0 0.858	86.1 -54.6 2.9	54.8 177	0.0 1.0 0.801	85.8 -58.2 9.2	59.0 171	0.0 1.0 0.35	0.0 1.0 0.89	86.3 -52.6 -0.8	52.7 181	0.0 1.0 0.35
178	172	182	0.0 1.0 0.867	86.2 -54.0 1.9	54.1 178	0.0 1.0 0.81	85.8 -57.6 8.1	58.3 172	0.0 1.0 0.367	0.0 1.0 0.897	86.3 -52.3 -1.7	52.4 182	0.0 1.0 0.367
179	173	183	0.0 1.0 0.876	86.2 -53.3 0.9	53.5 179	0.0 1.0 0.82	85.9 -57.1 7.0	57.6 173	0.0 1.0 0.383	0.0 1.0 0.905	86.4 -51.9 -2.6	52.0 183	0.0 1.0 0.383
180	174	184	0.0 1.0 0.883	86.2 -53.0 0.0	53.1 180	0.0 1.0 0.829	85.9 -56.5 5.9	56.9 174	0.0 1.0 0.4	0.0 1.0 0.912	86.4 -51.4 -3.5	51.7 184	0.0 1.0 0.4
181	175	185	0.0 1.0 0.89	86.3 -52.6 -0.8	52.7 181	0.0 1.0 0.839	86.0 -55.9 4.9	56.2 175	0.0 1.0 0.417	0.0 1.0 0.919	86.5 -51.0 -4.4	51.3 185	0.0 1.0 0.417
182	176	186	0.0 1.0 0.897	86.3 -52.3 -1.7	52.4 182	0.0 1.0 0.848	86.0 -55.3 3.9	55.5 176	0.0 1.0 0.433	0.0 1.0 0.926	86.5 -50.6 -5.2	51.0 186	0.0 1.0 0.433
183	177	187	0.0 1.0 0.905	86.4 -51.9 -2.6	52.0 183	0.0 1.0 0.858	86.1 -54.6 2.9	54.8 177	0.0 1.0 0.45	0.0 1.0 0.933	86.6 -50.1 -6.1	50.6 187	0.0 1.0 0.45
184	178	188	0.0 1.0 0.912	86.4 -51.4 -3.5	51.7 184	0.0 1.0 0.867	86.2 -54.0 1.9	54.1 178	0.0 1.0 0.467	0.0 1.0 0.94	86.6 -49.7 -6.9	50.2 188	0.0 1.0 0.467
185	179	189	0.0 1.0 0.919	86.5 -51.0 -4.4	51.3 185	0.0 1.0 0.876	86.2 -53.3 0.9	53.5 179	0.0 1.0 0.483	0.0 1.0 0.947	86.7 -49.2 -7.7	49.9 189	0.0 1.0 0.483
186	180	190	0.0 1.0 0.926	86.5 -50.6 -5.2	51.0 186	0.0 1.0 0.883	86.2 -53.0 0.0	53.1 180	0.0 1.0 0.5	0.0 1.0 0.954	86.7 -48.7 -8.5	49.5 190	0.0 1.0 0.5
187	181	191	0.0 1.0 0.933	86.6 -50.1 -6.1	50.6 187	0.0 1.0 0.89	86.3 -52.6 -0.8	52.7 181	0.0 1.0 0.517	0.0 1.0 0.961	86.8 -48.2 -9.3	49.2 191	0.0 1.0 0.517
188	182	191	0.0 1.0 0.94	86.6 -49.7 -6.9	50.2 188	0.0 1.0 0.897	86.3 -52.3 -1.7	52.4 182	0.0 1.0 0.533	0.0 1.0 0.961	86.8 -48.2 -9.3	49.2 191	0.0 1.0 0.533
189	183	192	0.0 1.0 0.947	86.7 -49.2 -7.7	49.9 189	0.0 1.0 0.905	86.4 -51.9 -2.6	52.0 183	0.0 1.0 0.55	0.0 1.0 0.969	86.8 -47.7 -10.0	48.8 192	0.0 1.0 0.55
190	184	193	0.0 1.0 0.954	86.7 -48.7 -8.5	49.5 190	0.0 1.0 0.912	86.4 -51.4 -3.5	51.7 184	0.0 1.0 0.567	0.0 1.0 0.976	86.8 -47.1 -10.8	48.5 193	0.0 1.0 0.567
191	185	194	0.0 1.0 0.961	86.8 -48.2 -9.3	49.2 191	0.0 1.0 0.919	86.5 -51.0 -4.4	51.3 185	0.0 1.0 0.583	0.0 1.0 0.983	86.9 -46.6 -11.5	48.1 194	0.0 1.0 0.583
192	186	195	0.0 1.0 0.969	86.8 -47.7 -10.0	48.8 192	0.0 1.0 0.926	86.5 -50.6 -5.2	51.0 186	0.0 1.0 0.6	0.0 1.0 0.99	86.9 -46.0 -12.3	47.7 195	0.0 1.0 0.6
193	187	196	0.0 1.0 0.976	86.8 -47.1 -10.8	48.5 193	0.0 1.0 0.933	86.6 -50.1 -6.1	50.6 187	0.0 1.0 0.617	0.0 1.0 0.997	87.0 -45.5 -13.0	47.4 196	0.0 1.0 0.617
194	188	197	0.0 1.0 0.983	86.9 -46.6 -11.5	48.1 194	0.0 1.0 0.94	86.6 -49.7 -6.9	50.2 188	0.0 1.0 0.633	0.0 1.0 0.997	1.0 86.8 -44.9 -13.7	47.1 197	0.0 1.0 0.633
195	189	198	0.0 1.0 0.99	86.9 -46.0 -12.3	47.7 195	0.0 1.0 0.947	86.7 -49.2 -7.7	49.9 189	0.0 1.0 0.65	0.0 1.0 0.992	1.0 86.4 -44.5 -14.4	46.8 198	0.0 1.0 0.65
196	190	199	0.0 1.0 0.997	87.0 -45.5 -13.0	47.4 196C <sub>d</sub>	0.0 1.0 0.954	86.7 -48.7 -8.5	49.5 190	0.0 1.0 0.667	0.0 1.0 0.986	1.0 86.1 -44.0 -15.1	46.6 199	0.0 1.0 0.667
197	191	200	0.0 0.997	1.0 86.8	-44.9 -13.7 47.1 197	0.0 1.0 0.961	86.8 -48.2 -9.3	49.2 191	0.0 1.0 0.683	0.0 1.0 0.981	1.0 85.7 -43.4 -15.7	46.3 200	0.0 1.0 0.683
198	192	201	0.0 0.992	1.0 86.4	-44.5 -14.4 46.8 198	0.0 1.0 0.969	86.8 -47.7 -10.0	48.8 192	0.0 1.0 0.7	0.0 1.0 0.976	1.0 85.3 -42.9 -16.4	46.1 201	0.0 1.0 0.7
199	193	201	0.0 0.986	1.0 86.1	-44.0 -15.1 46.6 199	0.0 1.0 0.976	86.8 -47.1 -10.8	48.5 193	0.0 1.0 0.717	0.0 1.0 0.976	1.0 85.3 -42.9 -16.4 46.1	201	0.0 1.0 0.717
200	194	202	0.0 0.981	1.0 85.7	-43.4 -15.7 46.3 200	0.0 1.0 0.983	86.9 -46.6 -11.5	48.1 194	0.0 1.0 0.733	0.0 1.0 0.97	1.0 84.9 -42.4 -17.1	45.8 202	0.0 1.0 0.733
201	195	203	0.0 0.976	1.0 85.3	-42.9 -16.4 46.1 201	0.0 1.0 0.99	86.9 -46.0 -12.3	47.7 195	0.0 1.0 0.75	0.0 1.0 0.965	1.0 84.6 -41.9 -17.7	45.6 203	0.0 1.0 0.75
202	196	204	0.0 0.97	1.0 84.9	-42.4 -17.1 45.8 202	0.0 1.0 0.997	87.0 -45.5 -13.0	47.4 196	0.0 1.0 0.767	0.0 1.0 0.96	1.0 84.2 -41.3 -18.3	45.3 204	0.0 1.0 0.767
203	197	205	0.0 0.965	1.0 84.6	-41.9 -17.7 45.6 203	0.0 0.997	1.0 86.8	-44.9 -13.7 47.1 197	0.0 1.0 0.783	0.0 1.0 0.955	1.0 83.8 -40.8 -19.0	45.1 205	0.0 1.0 0.783
204	198	206	0.0 0.96	1.0 84.2	-41.3 -18.3 45.3 204	0.0 0.992	1.0 86.4	-44.5 -14.4 46.8 198	0.0 1.0 0.8	0.0 1.0 0.949	1.0 83.5 -40.2 -19.6	44.8 206	0.0 1.0 0.8
205	199	207	0.0 0.955	1.0 83.8	-40.8 -19.0 45.1 205	0.0 0.986	1.0 86.1	-44.0 -15.1 46.6 199	0.0 1.0 0.817	0.0 1.0 0.944	1.0 83.1 -39.6 -20.1	44.6 207	0.0 1.0 0.817
206	200	208	0.0 0.949	1.0 83.5	-40.2 -19.6 44.8 206	0.0 0.981	1.0 85.7	-43.4 -15.7 46.3 200	0.0 1.0 0.833	0.0 1.0 0.939	1.0 82.7 -39.0 -20.7	44.3 208	0.0 1.0 0.833
207	201	209	0.0 0.944	1.0 83.1	-39.6 -20.1 44.6 207	0.0 0.976	1.0 85.3	-42.9 -16.4 46.1 201	0.0 1.0 0.85	0.0 1.0 0.933	1.0 82.4 -38.4 -21.3	44.1 209	0.0 1.0 0.85
208	202	210	0.0 0.939	1.0 82.7	-39.0 -20.7 44.3 208	0.0 0.97	1.0 84.9	-42.4 -17.1 45.8 202	0.0 1.0 0.867	0.0 1.0 0.928	1.0 82.0 -37.8 -21.8	43.8 210	0.0 1.0 0.867
209	203	211	0.0 0.933	1.0 82.4	-38.4 -21.3 44.1 209	0.0 0.965	1.0 84.6	-41.9 -17.7 45.6 203	0.0 1.0 0.883	0.0 1.0 0.923	1.0 81.6 -37.2 -22.3	43.6 211	0.0 1.0 0.883
210	204	212	0.0 0.928	1.0 82.0	-37.8 -21.8 43.8 210	0.0 0.96	1.0 84.2	-41.3 -18.3 45.3 204	0.0 1.0 0.9	0.0 1.0 0.917	1.0 81.2 -36.6 -22.9	43.3 212	0.0 1.0 0.9
211	205	212	0.0 0.923	1.0 81.6	-37.2 -22.3 43.6 211	0.0 0.955	1.0 83.8	-40.8 -19.0 45.1 205	0.0 1.0 0.917	0.0 1.0 0.917	1.0 81.2 -36.6 -22.9	43.3 212	0.0 1.0 0.917
212	206	213	0.0 0.917	1.0 81.2	-36.6 -22.9 43.3 212	0.0 0.949	1.0 83.5	-40.2 -19.6 44.8 206	0.0 1.0 0.933	0.0 1.0 0.912	1.0 80.9 -36.0 -23.4	43.1 213	0.0 1.0 0.933
213	207	214	0.0 0.912	1.0 80.9	-36.0 -23.4 43.1 213	0.0 0.944	1.0 83.1	-39.6 -20.1 44.6 207	0.0 1.0 0.95	0.0 1.0 0.907	1.0 80.5 -35.4 -23.8	42.8 214	0.0 1.0 0.95
214	208	215	0.0 0.907	1.0 80.5	-35.4 -23.8 42.8 214	0.0 0.939	1.0 82.7	-39.0 -20.7 44.3 208	0.0 1.0 0.967	0.0 1.0 0.901	1.0 80.1 -34.8 -24.3	42.6 215	0.0 1.0 0.967
215	209	216	0.0 0.901	1.0 80.1	-34.8 -24.3 42.6 215	0.0 0.933	1.0 82.4	-38.4 -21.3 44.1 209	0.0 1.0 0.983	0.0 1.0 0.896	1.0 79.8 -34.1 -24.8	42.3 216	0.0 1.0 0.983
216	210	217	0.0 0.896	1.0 79.8	-34.1 -24.8 42.3 216	0.0 0.928	1.0 82.0	-37.8 -21.8 43.8 210	0.0 1.0 1.0C <sub>s</sub>	0.0 1.0 0.891	1.0 79.4 -33.5 -25.2	42.1 217	0.0 1.0 1.0C <sub>e</sub>

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 37.0, 103.1, 136.5, 196.4, 305.2, 328.1$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
216	210	217	0.0	0.896 1.0	79.8 -34.1 -24.8 42.3	216	0.0	0.928 1.0	82.0 -37.8 -21.8 43.8	210	0.0	1.0C <sub>s</sub>	0.0
217	211	218	0.0	0.891 1.0	79.4 -33.5 -25.2 42.1	217	0.0	0.923 1.0	81.6 -37.2 -22.3 43.6	211	0.0	0.983 1.0	0.0
218	212	219	0.0	0.886 1.0	79.0 -32.8 -25.6 41.8	218	0.0	0.917 1.0	81.2 -36.6 -22.9 43.3	212	0.0	0.967 1.0	0.0
219	213	220	0.0	0.88 1.0	78.7 -32.2 -26.0 41.5	219	0.0	0.912 1.0	80.9 -36.0 -23.4 43.1	213	0.0	0.95 1.0	0.0
220	214	221	0.0	0.875 1.0	78.3 -31.5 -26.4 41.3	220	0.0	0.907 1.0	80.5 -35.4 -23.8 42.8	214	0.0	0.933 1.0	0.0
221	215	222	0.0	0.87 1.0	78.0 -31.1 -27.0 41.4	221	0.0	0.901 1.0	80.1 -34.8 -24.3 42.6	215	0.0	0.917 1.0	0.0
222	216	222	0.0	0.866 1.0	77.7 -30.7 -27.6 41.4	222	0.0	0.896 1.0	79.8 -34.1 -24.8 42.3	216	0.0	0.9 1.0	0.0
223	217	223	0.0	0.861 1.0	77.3 -30.3 -28.2 41.5	223	0.0	0.891 1.0	79.4 -33.5 -25.2 42.1	217	0.0	0.883 1.0	0.0
224	218	224	0.0	0.857 1.0	77.0 -29.8 -28.8 41.6	224	0.0	0.886 1.0	79.0 -32.8 -25.6 41.8	218	0.0	0.867 1.0	0.0
225	219	225	0.0	0.852 1.0	76.7 -29.4 -29.4 41.7	225	0.0	0.88 1.0	78.7 -32.2 -26.0 41.5	219	0.0	0.85 1.0	0.0
226	220	226	0.0	0.848 1.0	76.4 -28.9 -29.9 41.7	226	0.0	0.875 1.0	78.3 -31.5 -26.4 41.3	220	0.0	0.833 1.0	0.0
227	221	227	0.0	0.843 1.0	76.1 -28.4 -30.5 41.8	227	0.0	0.87 1.0	78.0 -31.1 -27.0 41.4	221	0.0	0.817 1.0	0.0
228	222	228	0.0	0.839 1.0	75.8 -27.9 -31.0 41.9	228	0.0	0.866 1.0	77.7 -30.7 -27.6 41.4	222	0.0	0.8 1.0	0.0
229	223	229	0.0	0.834 1.0	75.4 -27.4 -31.6 41.9	229	0.0	0.861 1.0	77.3 -30.3 -28.2 41.5	223	0.0	0.783 1.0	0.0
230	224	230	0.0	0.829 1.0	75.1 -26.9 -32.1 42.0	230	0.0	0.857 1.0	77.0 -29.8 -28.8 41.6	224	0.0	0.767 1.0	0.0
231	225	231	0.0	0.825 1.0	74.8 -26.4 -32.6 42.1	231	0.0	0.852 1.0	76.7 -29.4 -29.4 41.7	225	0.0	0.75 1.0	0.0
232	226	232	0.0	0.82 1.0	74.5 -25.9 -33.1 42.2	232	0.0	0.848 1.0	76.4 -28.9 -29.9 41.7	226	0.0	0.733 1.0	0.0
233	227	232	0.0	0.816 1.0	74.2 -25.3 -33.6 42.2	233	0.0	0.843 1.0	76.1 -28.4 -30.5 41.8	227	0.0	0.717 1.0	0.0
234	228	233	0.0	0.811 1.0	73.9 -24.8 -34.1 42.3	234	0.0	0.839 1.0	75.8 -27.9 -31.0 41.9	228	0.0	0.7 1.0	0.0
235	229	234	0.0	0.807 1.0	73.5 -24.2 -34.6 42.4	235	0.0	0.834 1.0	75.4 -27.4 -31.6 41.9	229	0.0	0.683 1.0	0.0
236	230	235	0.0	0.802 1.0	73.2 -23.6 -35.1 42.5	236	0.0	0.829 1.0	75.1 -26.9 -32.1 42.0	230	0.0	0.667 1.0	0.0
237	231	236	0.0	0.797 1.0	72.9 -23.1 -35.6 42.5	237	0.0	0.825 1.0	74.8 -26.4 -32.6 42.1	231	0.0	0.65 1.0	0.0
238	232	237	0.0	0.793 1.0	72.6 -22.5 -36.0 42.6	238	0.0	0.82 1.0	74.5 -25.9 -33.1 42.2	232	0.0	0.633 1.0	0.0
239	233	238	0.0	0.788 1.0	72.3 -21.9 -36.5 42.7	239	0.0	0.816 1.0	74.2 -25.3 -33.6 42.2	233	0.0	0.617 1.0	0.0
240	234	239	0.0	0.784 1.0	72.0 -21.3 -36.9 42.7	240	0.0	0.811 1.0	73.9 -24.8 -34.1 42.3	237	0.0	0.6 1.0	0.0
241	235	240	0.0	0.779 1.0	71.6 -20.7 -37.3 42.8	241	0.0	0.807 1.0	73.5 -24.2 -34.6 42.4	235	0.0	0.583 1.0	0.0
242	236	241	0.0	0.775 1.0	71.3 -20.0 -37.8 42.9	242	0.0	0.802 1.0	73.2 -23.6 -35.1 42.5	236	0.0	0.567 1.0	0.0
243	237	242	0.0	0.77 1.0	71.0 -19.4 -38.2 43.0	243	0.0	0.797 1.0	72.9 -23.1 -35.6 42.5	237	0.0	0.55 1.0	0.0
244	238	243	0.0	0.766 1.0	70.7 -18.8 -38.6 43.0	244	0.0	0.793 1.0	72.6 -22.5 -36.0 42.6	238	0.0	0.533 1.0	0.0
245	239	243	0.0	0.761 1.0	70.4 -18.1 -39.0 43.1	245	0.0	0.788 1.0	72.3 -21.9 -36.5 42.7	239	0.0	0.517 1.0	0.0
246	240	244	0.0	0.756 1.0	70.1 -17.5 -39.3 43.2	246	0.0	0.784 1.0	72.0 -21.3 -36.9 42.7	240	0.0	0.5 1.0	0.0
247	241	245	0.0	0.752 1.0	69.7 -16.8 -39.7 43.2	247	0.0	0.779 1.0	71.6 -20.7 -37.3 42.8	241	0.0	0.567 1.0	0.0
248	242	246	0.0	0.747 1.0	69.4 -16.2 -40.3 43.5	248	0.0	0.775 1.0	71.3 -20.0 -37.8 42.9	242	0.0	0.55 1.0	0.0
249	243	247	0.0	0.741 1.0	69.0 -15.7 -41.0 44.0	249	0.0	0.77 1.0	71.0 -19.4 -38.2 43.0	243	0.0	0.533 1.0	0.0
250	244	248	0.0	0.736 1.0	68.6 -15.1 -41.7 44.4	250	0.0	0.766 1.0	70.7 -18.8 -38.6 43.0	244	0.0	0.5 1.0	0.0
251	245	249	0.0	0.73 1.0	68.2 -14.5 -42.3 44.9	251	0.0	0.761 1.0	70.4 -18.1 -39.0 43.1	245	0.0	0.417 1.0	0.0
252	246	250	0.0	0.724 1.0	67.9 -13.9 -43.0 45.3	252	0.0	0.756 1.0	70.1 -17.5 -39.3 43.2	246	0.0	0.4 1.0	0.0
253	247	251	0.0	0.719 1.0	67.5 -13.3 -43.7 45.8	253	0.0	0.752 1.0	69.7 -16.8 -39.7 43.2	247	0.0	0.383 1.0	0.0
254	248	252	0.0	0.713 1.0	67.1 -12.6 -44.4 46.2	254	0.0	0.747 1.0	69.4 -16.2 -40.3 43.5	248	0.0	0.367 1.0	0.0
255	249	253	0.0	0.708 1.0	66.7 -12.0 -45.0 46.7	255	0.0	0.741 1.0	69.0 -15.7 -41.0 44.0	253	0.0	0.35 1.0	0.0
256	250	253	0.0	0.702 1.0	66.3 -11.3 -45.7 47.2	256	0.0	0.736 1.0	68.6 -15.1 -41.7 44.4	250	0.0	0.333 1.0	0.0
257	251	254	0.0	0.697 1.0	66.0 -10.6 -46.3 47.6	257	0.0	0.73 1.0	68.2 -14.5 -42.3 44.9	251	0.0	0.317 1.0	0.0
258	252	255	0.0	0.691 1.0	65.6 -9.9 -46.9 48.1	258	0.0	0.724 1.0	67.9 -13.9 -43.0 45.3	255	0.0	0.3 1.0	0.0
259	253	256	0.0	0.685 1.0	65.2 -9.2 -47.5 48.5	259	0.0	0.719 1.0	67.5 -13.3 -43.7 45.8	253	0.0	0.283 1.0	0.0
260	254	257	0.0	0.68 1.0	64.8 -8.4 -48.1 49.0	260	0.0	0.713 1.0	67.1 -12.6 -44.4 46.2	254	0.0	0.267 1.0	0.0
261	255	258	0.0	0.674 1.0	64.4 -7.6 -48.7 49.4	261	0.0	0.708 1.0	66.7 -12.0 -45.0 46.7	255	0.0	0.25 1.0	0.0

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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: $h_{ab,d} = 37.0, 103.1, 136.5, 196.4, 305.2, 328.1$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$													
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
261	255	258	0.0 0.674 1.0	64.4 -7.6 -48.7 49.4 261	0.0 0.708 1.0	66.7 -12.0 -45.0 46.7 255	0.0 0.25 1.0	0.0 0.691 1.0	65.6 -9.9 -46.9 48.1 258	0.0 0.25 1.0			
262	256	259	0.0 0.669 1.0	64.1 -6.8 -49.3 49.9 262	0.0 0.702 1.0	66.3 -11.3 -45.7 47.2 256	0.0 0.233 1.0	0.0 0.685 1.0	65.2 -9.2 -47.5 48.5 259	0.0 0.233 1.0			
263	257	260	0.0 0.663 1.0	63.7 -6.0 -49.8 50.3 263	0.0 0.697 1.0	66.0 -10.6 -46.3 47.6 257	0.0 0.217 1.0	0.0 0.68 1.0	64.8 -8.4 -48.1 49.0 260	0.0 0.217 1.0			
264	258	261	0.0 0.658 1.0	63.3 -5.2 -50.4 50.8 264	0.0 0.691 1.0	65.6 -9.9 -46.9 48.1 258	0.0 0.2 1.0	0.0 0.674 1.0	64.4 -7.6 -48.7 49.4 261	0.0 0.2 1.0			
265	259	262	0.0 0.652 1.0	62.9 -4.4 -50.9 51.2 265	0.0 0.685 1.0	65.2 -9.2 -47.5 48.5 259	0.0 0.183 1.0	0.0 0.669 1.0	64.1 -6.8 -49.3 49.9 262	0.0 0.183 1.0			
266	260	263	0.0 0.646 1.0	62.5 -3.5 -51.4 51.7 266	0.0 0.68 1.0	64.8 -8.4 -48.1 49.0 260	0.0 0.167 1.0	0.0 0.663 1.0	63.7 -6.0 -49.8 50.3 263	0.0 0.167 1.0			
267	261	264	0.0 0.641 1.0	62.2 -2.6 -52.0 52.1 267	0.0 0.674 1.0	64.4 -7.6 -48.7 49.4 261	0.0 0.15 1.0	0.0 0.658 1.0	63.3 -5.2 -50.4 50.8 264	0.0 0.15 1.0			
268	262	264	0.0 0.635 1.0	61.8 -1.7 -52.4 52.6 268	0.0 0.669 1.0	64.1 -6.8 -49.3 49.9 262	0.0 0.133 1.0	0.0 0.658 1.0	63.3 -5.2 -50.4 50.8 264	0.0 0.133 1.0			
269	263	265	0.0 0.63 1.0	61.4 -0.8 -52.9 53.0 269	0.0 0.663 1.0	63.7 -6.0 -49.8 50.3 263	0.0 0.117 1.0	0.0 0.652 1.0	62.9 -4.4 -50.9 51.2 265	0.0 0.117 1.0			
270	264	266	0.0 0.624 1.0	61.0 0.0 -53.5 53.6 270	0.0 0.658 1.0	63.3 -5.2 -50.4 50.8 264	0.0 0.1 1.0	0.0 0.646 1.0	62.5 -3.5 -51.4 51.7 266	0.0 0.1 1.0			
271	265	267	0.0 0.615 1.0	60.4 1.0 -54.5 54.6 271	0.0 0.652 1.0	62.9 -4.4 -50.9 51.2 265	0.0 0.083 1.0	0.0 0.641 1.0	62.2 -2.6 -52.0 52.1 267	0.0 0.083 1.0			
272	266	268	0.0 0.607 1.0	59.9 1.9 -55.5 55.6 272	0.0 0.646 1.0	62.5 -3.5 -51.4 51.7 266	0.0 0.067 1.0	0.0 0.635 1.0	61.8 -1.7 -52.4 52.6 268	0.0 0.067 1.0			
273	267	269	0.0 0.599 1.0	59.3 3.0 -56.5 56.7 273	0.0 0.641 1.0	62.2 -2.6 -52.0 52.1 267	0.0 0.05 1.0	0.0 0.63 1.0	61.4 -0.8 -52.9 53.0 269	0.0 0.05 1.0			
274	268	270	0.0 0.59 1.0	58.8 4.0 -57.5 57.7 274	0.0 0.635 1.0	61.8 -1.7 -52.4 52.6 268	0.0 0.033 1.0	0.0 0.624 1.0	61.0 0.0 -53.5 53.6 270	0.0 0.033 1.0			
275	269	271	0.0 0.582 1.0	58.2 5.1 -58.4 58.7 275	0.0 0.63 1.0	61.4 -0.8 -52.9 53.0 269	0.0 0.017 1.0	0.0 0.615 1.0	60.4 1.0 -54.5 54.6 271	0.0 0.017 1.0			
276	270	272	0.0 0.574 1.0	57.7 6.2 -59.3 59.8 276	0.0 0.624 1.0	61.0 0.0 -53.5 53.6 270	0.0 0.0 1.0	1.0B_s	0.0 0.607 1.0	59.9 1.9 -55.5 55.6 272	0.0 0.0 1.0	1.0B_e	
277	271	273	0.0 0.565 1.0	57.2 7.4 -60.2 60.8 277	0.0 0.615 1.0	60.4 1.0 -54.5 54.6 271	0.0 0.017 1.0	1.0	0.0 0.599 1.0	59.3 3.0 -56.5 56.7 273	0.0 0.017 1.0	1.0	
278	272	274	0.0 0.557 1.0	56.6 8.6 -61.1 61.8 278	0.0 0.607 1.0	59.9 1.9 -55.5 55.6 272	0.0 0.033 0.0	1.0	0.0 0.59 1.0	58.8 4.0 -57.5 57.7 274	0.0 0.033 0.0	1.0	
279	273	275	0.0 0.548 1.0	56.1 9.8 -62.0 62.9 279	0.0 0.599 1.0	59.3 3.0 -56.5 56.7 273	0.0 0.05 0.0	1.0	0.0 0.582 1.0	58.2 5.1 -58.4 58.7 275	0.0 0.05 0.0	1.0	
280	274	276	0.0 0.54 1.0	55.5 11.1 -62.8 63.9 280	0.0 0.59 1.0	58.8 4.0 -57.5 57.7 274	0.0 0.067 0.0	1.0	0.0 0.574 1.0	57.7 6.2 -59.3 59.8 276	0.0 0.067 0.0	1.0	
281	275	276	0.0 0.532 1.0	55.0 12.4 -63.6 64.9 281	0.0 0.582 1.0	58.2 5.1 -58.4 58.7 275	0.0 0.083 0.0	1.0	0.0 0.574 1.0	57.7 6.2 -59.3 59.8 276	0.0 0.083 0.0	1.0	
282	276	277	0.0 0.523 1.0	54.4 13.7 -64.4 65.9 282	0.0 0.574 1.0	57.7 6.2 -59.3 59.8 276	0.1 0.0	1.0	0.0 0.565 1.0	57.2 7.4 -60.2 60.8 277	0.1 0.0	1.0	
283	277	278	0.0 0.515 1.0	53.9 15.1 -65.2 67.0 283	0.0 0.565 1.0	57.2 7.4 -60.2 60.8 277	0.117 0.0	1.0	0.0 0.557 1.0	56.6 8.6 -61.1 61.8 278	0.117 0.0	1.0	
284	278	279	0.0 0.507 1.0	53.3 16.5 -65.9 68.0 284	0.0 0.557 1.0	56.6 8.6 -61.1 61.8 278	0.133 0.0	1.0	0.0 0.548 1.0	56.1 9.8 -62.0 62.9 279	0.133 0.0	1.0	
285	279	280	0.0 0.497 1.0	52.7 17.9 -66.7 69.2 285	0.0 0.548 1.0	56.1 9.8 -62.0 62.9 279	0.15 0.0	1.0	0.0 0.54 1.0	55.5 11.1 -62.8 63.9 280	0.15 0.0	1.0	
286	280	281	0.0 0.484 1.0	51.9 19.6 -68.2 71.0 286	0.0 0.54 1.0	55.5 11.1 -62.8 63.9 280	0.167 0.0	1.0	0.0 0.532 1.0	55.0 12.4 -63.6 64.9 281	0.167 0.0	1.0	
287	281	282	0.0 0.471 1.0	51.2 21.3 -69.6 72.9 287	0.0 0.532 1.0	55.0 12.4 -63.6 64.9 281	0.183 0.0	1.0	0.0 0.523 1.0	54.4 13.7 -64.4 65.9 282	0.183 0.0	1.0	
288	282	283	0.0 0.458 1.0	50.4 23.1 -71.0 74.7 288	0.0 0.523 1.0	54.4 13.7 -64.4 65.9 282	0.2 0.0	1.0	0.0 0.515 1.0	53.9 15.1 -65.2 67.0 283	0.2 0.0	1.0	
289	283	284	0.0 0.445 1.0	49.6 24.9 -72.3 76.6 289	0.0 0.515 1.0	53.9 15.1 -65.2 67.0 283	0.217 0.0	1.0	0.0 0.507 1.0	53.3 16.5 -65.9 68.0 284	0.217 0.0	1.0	
290	284	285	0.0 0.432 1.0	48.8 26.8 -73.6 78.4 290	0.0 0.507 1.0	53.3 16.5 -65.9 68.0 284	0.233 0.0	1.0	0.0 0.497 1.0	52.7 17.9 -66.7 69.2 285	0.233 0.0	1.0	
291	285	286	0.0 0.419 1.0	48.0 28.8 -74.8 80.2 291	0.0 0.497 1.0	52.7 17.9 -66.7 69.2 285	0.25 0.0	1.0	0.0 0.484 1.0	51.9 19.6 -68.2 71.0 286	0.25 0.0	1.0	
292	286	287	0.0 0.406 1.0	47.2 30.7 -76.0 82.1 292	0.0 0.484 1.0	51.9 19.6 -68.2 71.0 286	0.267 0.0	1.0	0.0 0.471 1.0	51.2 21.3 -69.6 72.9 287	0.267 0.0	1.0	
293	287	288	0.0 0.393 1.0	46.5 32.8 -77.1 83.9 293	0.0 0.471 1.0	51.2 21.3 -69.6 72.9 287	0.283 0.0	1.0	0.0 0.458 1.0	50.4 23.1 -71.0 74.7 288	0.283 0.0	1.0	
294	288	289	0.0 0.38 1.0	45.7 34.9 -78.2 85.8 294	0.0 0.458 1.0	50.4 23.1 -71.0 74.7 288	0.3 0.0	1.0	0.0 0.445 1.0	49.6 24.9 -72.3 76.6 289	0.3 0.0	1.0	
295	289	290	0.0 0.362 1.0	44.8 37.3 -79.8 88.2 295	0.0 0.445 1.0	49.6 24.9 -72.3 76.6 289	0.317 0.0	1.0	0.0 0.432 1.0	48.8 26.8 -73.6 78.4 290	0.317 0.0	1.0	
296	290	291	0.0 0.342 1.0	43.7 39.9 -81.6 90.9 296	0.0 0.432 1.0	48.8 26.8 -73.6 78.4 290	0.333 0.0	1.0	0.0 0.419 1.0	48.0 28.8 -74.8 80.2 291	0.333 0.0	1.0	
297	291	292	0.0 0.321 1.0	42.7 42.5 -83.4 93.7 297	0.0 0.419 1.0	48.0 28.8 -74.8 80.2 291	0.35 0.0	1.0	0.0 0.406 1.0	47.2 30.7 -76.0 82.1 292	0.35 0.0	1.0	
298	292	293	0.0 0.301 1.0	41.7 45.3 -85.1 96.5 298	0.0 0.406 1.0	47.2 30.7 -76.0 82.1 292	0.367 0.0	1.0	0.0 0.393 1.0	46.5 32.8 -77.1 83.9 293	0.367 0.0	1.0	
299	293	294	0.0 0.28 1.0	40.6 48.1 -86.7 99.2 299	0.0 0.393 1.0	46.5 32.8 -77.1 83.9 293	0.383 0.0	1.0	0.0 0.38 1.0	45.7 34.9 -78.2 85.8 294	0.383 0.0	1.0	
300	294	294	0.0 0.259 1.0	39.6 51.0 -88.2 102.0 300	0.0 0.38 1.0	45.7 34.9 -78.2 85.8 294	0.4 0.0	1.0	0.0 0.38 1.0	45.7 34.9 -78.2 85.8 294	0.4 0.0	1.0	
301	295	295	0.0 0.23 1.0	38.5 54.2 -90.1 105.2 301	0.0 0.362 1.0	44.8 37.3 -79.8 88.2 295	0.417 0.0	1.0	0.0 0.362 1.0	44.8 37.3 -79.8 88.2 295	0.417 0.0	1.0	
302	296	296	0.0 0.193 1.0	37.2 57.7 -92.2 108.9 302	0.0 0.342 1.0	43.7 39.9 -81.6 90.9 296	0.433 0.0	1.0	0.0 0.342 1.0	43.7 39.9 -81.6 90.9 296	0.433 0.0	1.0	
303	297	297	0.0 0.157 1.0	36.0 61.3 -94.2 112.5 303	0.0 0.321 1.0	42.7 42.5 -83.4 93.7 297	0.45 0.0	1.0	0.0 0.321 1.0	42.7 42.5 -83.4 93.7 297	0.45 0.0	1.0	
304	298	298	0.0 0.113 1.0	34.8 65.0 -96.2 116.2 304	0.0 0.301 1.0	41.7 45.3 -85.1 96.5 298	0.467 0.0	1.0	0.0 0.301 1.0	41.7 45.3 -85.1 96.5 298	0.467 0.0	1.0	
305	299	299	0.0 0.022 1.0	33.4 69.0 -98.5 120.3 305B_d	0.0 0.28 1.0	40.6 48.1 -86.7 99.2 299	0.483 0.0	1.0	0.0 0.28 1.0	40.6 48.1 -86.7 99.2 299	0.483 0.0	1.0	
306	300	300	0.0 0.167 0.0	34.1 70.7 -97.3 120.3 306	0.0 0.259 1.0	39.6 51.0 -88.2 102.0 300	0.5 0.0	1.0	0.0 0.259 1.0	39.6 51.0 -88.2 102.0 300	0.5 0.0	1.0	



Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours s:  $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;

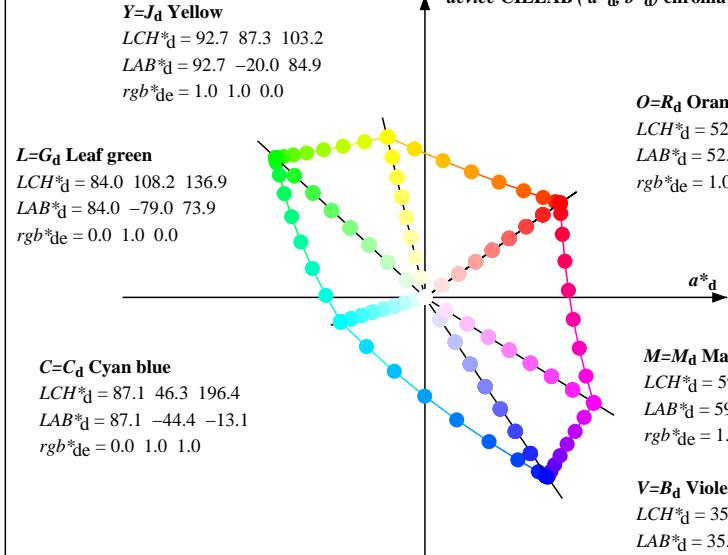
Six hue angles of the device colours d:  $h_{ab,d} = 37.0, 103.1, 136.5, 196.4, 305.2, 328.1$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddr$	$rgb^*ds$	$rgb^*de$
351	345	343	1.0 0.0 0.631	54.1 81.2 -12.8	82.2 351	1.0 0.0 0.708	54.8 83.4 -22.2	86.3 345	1.0 0.0 0.75	1.0 0.0 0.734	55.0 83.9 -25.5	87.7 343	1.0 0.0 0.75
352	346	344	1.0 0.0 0.619	54.0 81.0 -11.3	81.8 352	1.0 0.0 0.695	54.7 83.1 -20.6	85.7 346	1.0 0.0 0.733	1.0 0.0 0.721	54.9 83.6 -23.9	87.0 344	1.0 0.0 0.733
353	347	345	1.0 0.0 0.608	53.9 80.9 -9.8	81.5 353	1.0 0.0 0.682	54.6 82.8 -19.0	85.0 347	1.0 0.0 0.717	1.0 0.0 0.708	54.8 83.4 -22.2	86.3 345	1.0 0.0 0.717
354	348	346	1.0 0.0 0.597	53.9 80.7 -8.4	81.2 354	1.0 0.0 0.669	54.5 82.4 -17.4	84.3 348	1.0 0.0 0.7	1.0 0.0 0.695	54.7 83.1 -20.6	85.7 346	1.0 0.0 0.7
355	349	347	1.0 0.0 0.586	53.8 80.6 -7.0	80.9 355	1.0 0.0 0.657	54.3 82.1 -15.9	83.6 349	1.0 0.0 0.683	1.0 0.0 0.682	54.6 82.8 -19.0	85.0 347	1.0 0.0 0.683
356	350	348	1.0 0.0 0.575	53.7 80.4 -5.5	80.6 356	1.0 0.0 0.644	54.2 81.7 -14.3	82.9 350	1.0 0.0 0.667	1.0 0.0 0.669	54.5 82.4 -17.4	84.3 348	1.0 0.0 0.667
357	351	349	1.0 0.0 0.564	53.6 80.2 -4.1	80.3 357	1.0 0.0 0.631	54.1 81.2 -12.8	82.2 351	1.0 0.0 0.65	1.0 0.0 0.657	54.3 82.1 -15.9	83.6 349	1.0 0.0 0.65
358	352	349	1.0 0.0 0.554	53.5 80.0 -2.7	80.0 358	1.0 0.0 0.619	54.0 81.0 -11.3	81.8 352	1.0 0.0 0.633	1.0 0.0 0.657	54.3 82.1 -15.9	83.6 349	1.0 0.0 0.633
359	353	350	1.0 0.0 0.543	53.5 79.7 -1.3	79.7 359	1.0 0.0 0.608	53.9 80.9 -9.8	81.5 353	1.0 0.0 0.617	1.0 0.0 0.644	54.2 81.7 -14.3	82.9 350	1.0 0.0 0.617
0	354	351	1.0 0.0 0.532	53.4 79.4 0.0	79.4 0	1.0 0.0 0.597	53.9 80.7 -8.4	81.2 354	1.0 0.0 0.6	1.0 0.0 0.631	54.1 81.2 -12.8	82.2 351	1.0 0.0 0.6
1	355	352	1.0 0.0 0.521	53.3 79.1 1.4	79.1 1	1.0 0.0 0.586	53.8 80.6 -7.0	80.9 355	1.0 0.0 0.583	1.0 0.0 0.619	54.0 81.0 -11.3	81.8 352	1.0 0.0 0.583
2	356	353	1.0 0.0 0.51	53.2 78.8 2.8	78.9 2	1.0 0.0 0.575	53.7 80.4 -5.5	80.6 356	1.0 0.0 0.567	1.0 0.0 0.608	53.9 80.9 -9.8	81.5 353	1.0 0.0 0.567
3	357	354	1.0 0.0 0.499	53.1 78.5 4.1	78.6 3	1.0 0.0 0.564	53.6 80.2 -4.1	80.3 357	1.0 0.0 0.55	1.0 0.0 0.597	53.9 80.7 -8.4	81.2 354	1.0 0.0 0.55
4	358	355	1.0 0.0 0.489	53.1 78.5 5.5	78.7 4	1.0 0.0 0.554	53.5 80.0 -2.7	80.0 358	1.0 0.0 0.533	1.0 0.0 0.586	53.8 80.6 -7.0	80.9 355	1.0 0.0 0.533
5	359	356	1.0 0.0 0.478	53.0 78.4 6.9	78.7 5	1.0 0.0 0.543	53.5 79.7 -1.3	79.7 359	1.0 0.0 0.517	1.0 0.0 0.575	53.7 80.4 -5.5	80.6 356	1.0 0.0 0.517
6	360	357	1.0 0.0 0.468	53.0 78.3 8.2	78.8 6	1.0 0.0 0.532	53.4 79.4 0.0	79.4 0	1.0 0.0 0.5	1.0 0.0 0.564	53.6 80.2 -4.1	80.3 357	1.0 0.0 0.5
7	361	358	1.0 0.0 0.457	52.9 78.2 9.6	78.8 7	1.0 0.0 0.521	53.3 79.1 1.4	79.1 1	1.0 0.0 0.483	1.0 0.0 0.554	53.5 80.0 -2.7	80.0 358	1.0 0.0 0.483
8	362	359	1.0 0.0 0.447	52.9 78.1 11.0	78.9 8	1.0 0.0 0.51	53.2 78.8 2.8	78.9 2	1.0 0.0 0.467	1.0 0.0 0.543	53.5 79.7 -1.3	79.7 359	1.0 0.0 0.467
9	363	360	1.0 0.0 0.436	52.8 78.0 12.3	78.9 9	1.0 0.0 0.499	53.1 78.5 4.1	78.6 3	1.0 0.0 0.45	1.0 0.0 0.532	53.4 79.4 0.0	79.4 0	1.0 0.0 0.45
10	364	361	1.0 0.0 0.426	52.7 77.8 13.7	79.0 10	1.0 0.0 0.489	53.1 78.5 5.5	78.7 4	1.0 0.0 0.433	1.0 0.0 0.521	53.3 79.1 1.4	79.1 1	1.0 0.0 0.433
11	365	362	1.0 0.0 0.416	52.7 77.6 15.1	79.0 11	1.0 0.0 0.478	53.0 78.4 6.9	78.7 5	1.0 0.0 0.417	1.0 0.0 0.51	53.2 78.8 2.8	78.9 2	1.0 0.0 0.417
12	366	363	1.0 0.0 0.405	52.6 77.4 16.4	79.1 12	1.0 0.0 0.468	53.0 78.3 8.2	78.8 6	1.0 0.0 0.4	1.0 0.0 0.499	53.1 78.5 4.1	78.6 3	1.0 0.0 0.4
13	367	364	1.0 0.0 0.395	52.6 77.1 17.8	79.1 13	1.0 0.0 0.457	52.9 78.2 9.6	78.8 7	1.0 0.0 0.383	1.0 0.0 0.489	53.1 78.5 5.5	78.7 4	1.0 0.0 0.383
14	368	365	1.0 0.0 0.384	52.5 76.8 19.2	79.2 14	1.0 0.0 0.447	52.9 78.1 11.0	78.9 8	1.0 0.0 0.367	1.0 0.0 0.478	53.0 78.4 6.9	78.7 5	1.0 0.0 0.367
15	369	366	1.0 0.0 0.374	52.5 76.6 20.5	79.3 15	1.0 0.0 0.436	52.8 78.0 12.3	78.9 9	1.0 0.0 0.35	1.0 0.0 0.468	53.0 78.3 8.2	78.8 6	1.0 0.0 0.35
16	370	367	1.0 0.0 0.362	52.4 76.6 22.0	79.7 16	1.0 0.0 0.426	52.7 77.8 13.7	79.0 10	1.0 0.0 0.333	1.0 0.0 0.457	52.9 78.2 9.6	78.8 7	1.0 0.0 0.333
17	371	367	1.0 0.0 0.35	52.4 76.6 23.4	80.1 17	1.0 0.0 0.416	52.7 77.6 15.1	79.0 11	1.0 0.0 0.317	1.0 0.0 0.457	52.9 78.2 9.6	78.8 7	1.0 0.0 0.317
18	372	368	1.0 0.0 0.339	52.3 76.5 24.9	80.5 18	1.0 0.0 0.405	52.6 77.4 16.4	79.1 12	1.0 0.0 0.3	1.0 0.0 0.447	52.9 78.1 11.0	78.9 8	1.0 0.0 0.3
19	373	369	1.0 0.0 0.327	52.3 76.5 26.3	80.9 19	1.0 0.0 0.395	52.6 77.1 17.8	79.1 13	1.0 0.0 0.283	1.0 0.0 0.436	52.8 78.0 12.3	78.9 9	1.0 0.0 0.283
20	374	370	1.0 0.0 0.315	52.2 76.4 27.8	81.3 20	1.0 0.0 0.384	52.5 76.8 19.2	79.2 14	1.0 0.0 0.267	1.0 0.0 0.426	52.7 77.8 13.7	79.0 10	1.0 0.0 0.267
21	375	371	1.0 0.0 0.304	52.2 76.2 29.3	81.7 21	1.0 0.0 0.374	52.5 76.6 20.5	79.3 15	1.0 0.0 0.25	1.0 0.0 0.416	52.7 77.6 15.1	79.0 11	1.0 0.0 0.25
22	376	372	1.0 0.0 0.292	52.2 76.1 30.7	82.0 22	1.0 0.0 0.362	52.4 76.6 22.0	79.7 16	1.0 0.0 0.233	1.0 0.0 0.405	52.6 77.4 16.4	79.1 12	1.0 0.0 0.233
23	377	373	1.0 0.0 0.28	52.1 75.9 32.2	82.4 23	1.0 0.0 0.35	52.4 76.6 23.4	80.1 17	1.0 0.0 0.217	1.0 0.0 0.395	52.6 77.1 17.8	79.1 13	1.0 0.0 0.217
24	378	374	1.0 0.0 0.269	52.1 75.7 33.7	82.8 24	1.0 0.0 0.339	52.3 76.5 24.9	80.5 18	1.0 0.0 0.2	1.0 0.0 0.384	52.5 76.8 19.2	79.2 14	1.0 0.0 0.2
25	379	375	1.0 0.0 0.257	52.0 75.4 35.2	83.2 25	1.0 0.0 0.327	52.3 76.5 26.3	80.9 19	1.0 0.0 0.183	1.0 0.0 0.374	52.5 76.6 20.5	79.3 15	1.0 0.0 0.183
26	380	376	1.0 0.0 0.244	52.0 75.3 36.7	83.8 26	1.0 0.0 0.315	52.2 76.4 27.8	81.3 20	1.0 0.0 0.167	1.0 0.0 0.362	52.4 76.6 22.0	79.7 16	1.0 0.0 0.167
27	381	377	1.0 0.0 0.227	52.0 75.3 38.4	84.5 27	1.0 0.0 0.304	52.2 76.2 29.3	81.7 21	1.0 0.0 0.15	1.0 0.0 0.35	52.4 76.6 23.4	80.1 17	1.0 0.0 0.15
28	382	378	1.0 0.0 0.211	51.9 75.3 40.0	85.2 28	1.0 0.0 0.292	52.2 76.1 30.7	82.0 22	1.0 0.0 0.133	1.0 0.0 0.339	52.3 76.5 24.9	80.5 18	1.0 0.0 0.133
29	383	379	1.0 0.0 0.195	51.9 75.2 41.7	86.0 29	1.0 0.0 0.28	52.1 75.9 32.2	82.4 23	1.0 0.0 0.117	1.0 0.0 0.327	52.3 76.5 26.3	80.9 19	1.0 0.0 0.117
30	384	380	1.0 0.0 0.179	51.9 75.1 43.4	86.7 30	1.0 0.0 0.269	52.1 75.7 33.7	82.8 24	1.0 0.0 0.1	1.0 0.0 0.315	52.2 76.4 27.8	81.3 20	1.0 0.0 0.1
31	385	381	1.0 0.0 0.162	51.8 75.0 45.0	87.5 31	1.0 0.0 0.257	52.0 75.4 35.2	83.2 25	1.0 0.0 0.083	1.0 0.0 0.304	52.2 76.2 29.3	81.7 21	1.0 0.0 0.083
32	386	382	1.0 0.0 0.146	51.8 74.8 46.7	88.2 32	1.0 0.0 0.244	52.0 75.3 36.7	83.8 26	1.0 0.0 0.067	1.0 0.0 0.292	52.2 76.1 30.7	82.0 22	1.0 0.0 0.067
33	387	383	1.0 0.0 0.13	51.8 74.6 48.4	88.9 33	1.0 0.0 0.227	52.0 75.3 38.4	84.5 27	1.0 0.0 0.05	1.0 0.0 0.28	52.1 75.9 32.2	82.4 23	1.0 0.0 0.05
34	388	384	1.0 0.0 0.101	51.7 74.5 50.3	89.9 34	1.0 0.0 0.211	51.9 75.3 40.0	85.2 28	1.0 0.0 0.033	1.0 0.0 0.269	52.1 75.7 33.7	82.8 24	1.0 0.0 0.033
35	389	385	1.0 0.0 0.067	51.7 74.5 52.1	90.9 35	1.0 0.0 0.195	51.9 75.2 41.7	86.0 29	1.0 0.0 0.017	1.0 0.0 0.257	52.0 75.4 35.2	83.2 25	1.0 0.0 0.017
36	390	385	1.0 0.0 0.033	51.7 74.4 54.0	91.9 36	1.0 0.0 0.179	51.9 75.1 43.4	86.7 30	1.0 0.0 0.0R <sub>d</sub>	1.0 0.0 0.257	52.0 75.4 35.2	83.2 25	1.0 0.0 0.0R <sub>e</sub>

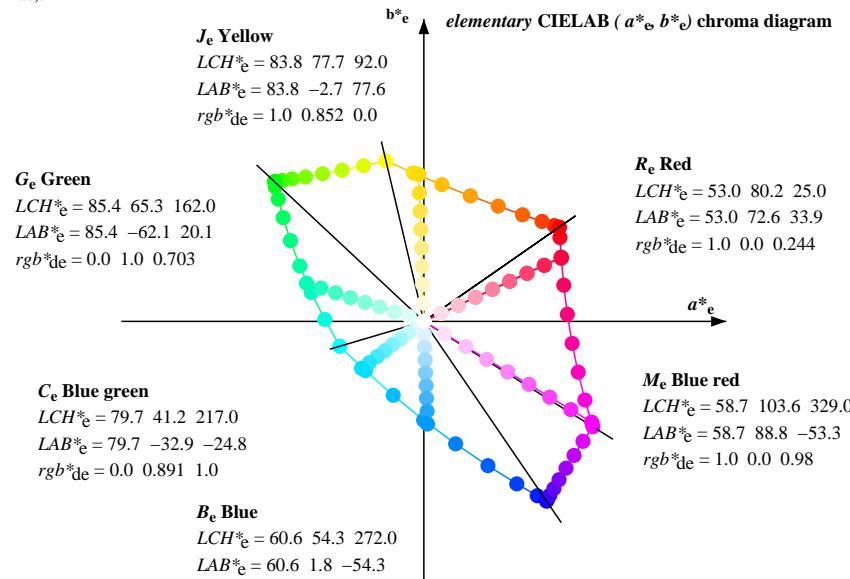
Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours s:  $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ; Six hue angles of the device colours d:  $h_{ab,d} = 34.8, 103.3, 136.9, 196.5, 304.3, 328.1$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

Six hue angles of the device colours d:  $h_{ab,d} = 34.8, 103.3, 136.9, 196.5, 304.3, 328.1$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

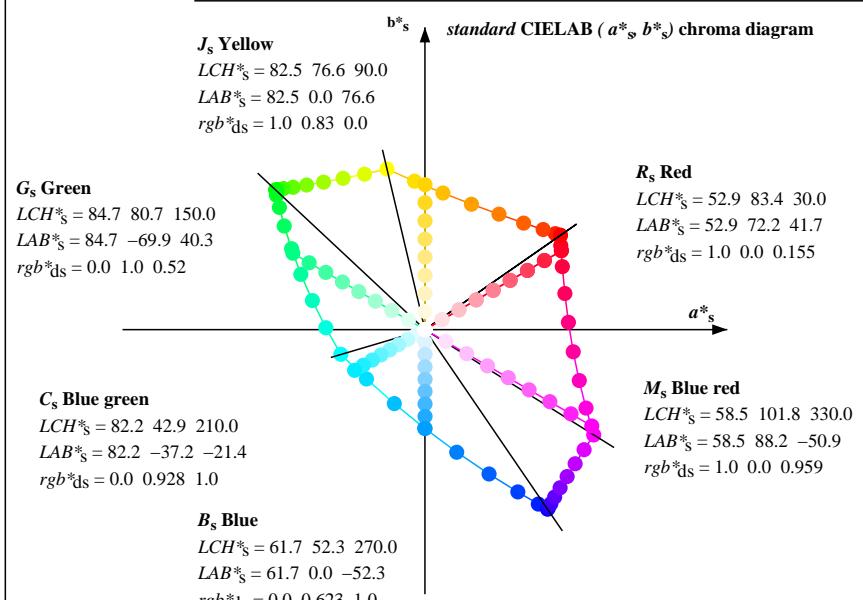
device CIELAB ( $a^*_{d}, b^*_{d}$ ) chroma diagram



elementary CIELAB ( $a^*_{e}, b^*_{e}$ ) chroma diagram



standard CIELAB ( $a^*_{s}, b^*_{s}$ ) chroma diagram



#### Notes to the CIELAB chroma diagrams ( $a^*_{d}, b^*_{d}$ ), ( $a^*_{s}, b^*_{s}$ ), ( $a^*_{e}, b^*_{e}$ )

- For the  $rgb^*_{d}$ -input values the CIELAB data  $LCH^*_{d}$  and  $LAB^*_{d}$  have been calculated.
- For the calculation of the standard hue angle  $h_{ab,s}$  use for any device values  $rgb^*_{d}$  the equation:  

$$h_{ab,s} = atan [ r^*_{d} cos(30) + g^*_{d} cos(150) ] / [ r^*_{d} sin(30) + g^*_{d} sin(150) + b^*_{d} sin(270) ] \quad (1)$$
- For the 48 or 360 equally spaced standard hue angles  $h_{ab,s}$  of the colours of maximum chroma use the seven hue angles of the 60 degree colours s:  $h_{ab,si} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$  (i=0,6) and the equations for a 48 and 360 step hue circle:  

$$h_{48ab,ij} = h_{ab,si} + j [ h_{ab,si+1} - h_{ab,si} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$
  

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

$$h_{48ab,ej} = h_{ab,ei} + j [ h_{ab,ei+1} - h_{ab,ei} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$
  

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

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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: $h_{ab,d} = 34.8, 103.3, 136.9, 196.5, 304.3, 328.1$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																					
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd50M$	$LAB^*dd50Mx$ (x=LabCh)				$rgb^*ds50M$				$LAB^*ds50Mx$ (x=LabCh)				$rgb^*s50M$				$rgb^*de50M$				$LAB^*de50Mx$ (x=LabCh)				$rgb^*e50M$				$rgb^*dd$	$rgb^*dr$	$rgb^*ds$	$rgb^*de$		
34.8	30.0	25.5	1.0	0.0	0.0	52.8	71.7	49.9	87.3	34.8	1.0	0.0	155.0	52.9	72.3	41.7	83.5	30	1.0	0.0	1.0	0.0	245.0	53.1	72.7	33.9	80.2	25	1.0	0.0	0.0						
36.4	37.5	33.8	1.0	0.125	0.0	53.7	68.9	50.8	85.6	36.4	1.0	0.177	0.0	54.7	66.2	51.8	84.1	38	1.0	0.125	0.0	1.0	0.0	0.033	52.8	71.8	48.4	86.6	34	1.0	0.125	0.0					
40.3	45.0	42.2	1.0	0.25	0.0	56.0	62.5	52.9	81.9	40.3	1.0	0.335	0.0	58.6	55.5	55.5	78.5	45	1.0	0.25	0.0	1.0	0.281	0.0	57.0	59.9	54.0	80.6	42	1.0	0.25	0.0					
47.2	52.5	50.5	1.0	0.375	0.0	59.9	52.3	56.4	76.9	47.2	1.0	0.447	0.0	62.8	44.8	59.4	74.4	53	1.0	0.375	0.0	1.0	0.422	0.0	61.8	47.4	58.5	75.3	51	1.0	0.375	0.0					
57.3	60.0	58.9	1.0	0.5	0.0	65.0	39.2	61.0	72.5	57.3	1.0	0.528	0.0	66.3	36.1	62.5	72.2	60	1.0	0.5	0.0	1.0	0.518	0.0	65.8	37.2	62.0	72.3	59	1.0	0.5	0.0					
69.7	67.5	67.2	1.0	0.625	0.0	71.1	24.6	66.4	70.8	69.7	1.0	0.608	0.0	70.2	26.6	65.9	71.1	68	1.0	0.625	0.0	1.0	0.598	0.0	69.7	27.8	65.5	71.2	67	1.0	0.625	0.0					
82.6	75.0	75.6	1.0	0.75	0.0	77.9	9.5	72.3	72.9	82.6	1.0	0.677	0.0	73.9	18.6	69.3	71.7	75	1.0	0.75	0.0	1.0	0.686	0.0	74.4	17.4	69.7	71.9	76	1.0	0.75	0.0					
94.1	82.5	84.0	1.0	0.875	0.0	85.1	-5.5	78.6	78.8	94.1	1.0	0.755	0.0	78.1	8.9	72.6	73.2	83	1.0	0.875	0.0	1.0	0.766	0.0	78.8	7.7	73.3	73.7	84	1.0	0.875	0.0					
103.3	90.0	92.3	1.0	1.0	0.0	92.7	-20.0	85.0	87.3	103.3	1.0	0.831	0.0	82.6	0.0	76.7	76.7	90	1.0	1.0	0.0	1.0	0.853	0.0	83.8	-2.6	77.7	77.7	92	1.0	1.0	0.0					
111.2	97.5	101.1	0.875	1.0	0.0	90.6	-31.9	82.3	88.3	111.2	1.0	0.928	0.0	88.4	-11.4	81.6	82.4	98	0.875	1.0	0.0	1.0	0.969	0.0	90.9	-16.2	83.6	85.2	101	0.875	1.0	0.0					
118.4	105.0	109.8	0.75	1.0	0.0	88.8	-43.2	80.0	91.0	118.4	0.973	1.0	0.0	92.3	-22.6	84.5	87.5	105	0.75	1.0	0.0	0.894	1.0	0.0	90.9	-30.0	82.8	88.1	110	0.75	1.0	0.0					
124.5	112.5	118.5	0.625	1.0	0.0	87.2	-53.6	78.0	94.7	124.5	0.844	1.0	0.0	90.1	-34.7	81.9	88.9	113	0.625	1.0	0.0	0.738	1.0	0.0	88.6	-44.2	79.9	91.3	119	0.625	1.0	0.0					
129.3	120.0	127.3	0.5	1.0	0.0	86.0	-62.5	76.5	98.8	129.3	0.718	1.0	0.0	88.4	-45.9	79.6	91.9	120	0.5	1.0	0.0	0.56	1.0	0.0	86.6	-58.2	77.4	96.9	127	0.5	1.0	0.0					
132.8	127.5	136.0	0.375	1.0	0.0	85.1	-69.6	75.3	102.7	132.8	0.534	1.0	0.0	86.3	-60.1	77.0	97.7	128	0.375	1.0	0.0	0.163	1.0	0.0	84.2	-76.8	74.3	106.9	136	0.375	1.0	0.0					
135.1	135.0	144.7	0.25	1.0	0.0	84.5	-74.7	74.6	105.6	135.1	0.256	1.0	0.0	84.5	-74.5	74.6	105.5	135	0.25	1.0	0.0	0.409	84.5	-73.4	51.5	89.7	145	0.25	1.0	0.0							
136.4	142.5	153.5	0.125	1.0	0.0	84.1	-77.7	74.1	107.5	136.4	0.0	1.0	0.355	84.3	-74.8	56.4	93.7	143	0.125	1.0	0.0	0.574	84.9	-67.9	34.6	76.3	153	0.125	1.0	0.0							
136.9	150.0	162.2	0.0	1.0	0.0	84.0	-78.9	73.9	108.2	136.9	0.0	1.0	0.521	84.8	-69.8	40.4	80.8	150	1.0	0.0	0.0	1.0	0.704	85.5	-62.0	20.2	65.3	162	0.0	1.0	0.0						
137.8	157.5	169.1	0.0	1.0	0.125	84.1	-78.3	71.1	105.9	137.8	0.0	1.0	0.652	85.2	-64.5	26.1	69.7	158	0.0	1.0	0.125	0.0	1.0	0.782	85.8	-58.0	11.3	59.2	169	0.0	1.0	0.125					
140.0	165.0	175.9	0.0	1.0	0.25	84.2	-76.9	64.7	100.5	140.0	0.0	1.0	0.742	85.6	-59.9	16.1	62.1	165	0.0	1.0	0.25	0.0	1.0	0.848	86.2	-54.2	3.8	54.4	176	0.0	1.0	0.25					
143.6	172.5	182.8	0.0	1.0	0.375	84.4	-74.3	54.8	92.4	143.6	0.0	1.0	0.82	86.0	-55.9	6.9	56.4	173	0.0	1.0	0.375	0.0	1.0	0.904	86.5	-50.8	-2.6	51.0	183	0.0	1.0	0.375					
148.8	180.0	189.6	0.0	1.0	0.5	84.7	-70.5	42.7	82.5	148.8	0.0	1.0	0.883	86.4	-51.9	0.0	52.0	180	0.0	1.0	0.5	0.0	1.0	0.954	86.8	-47.8	-8.3	48.6	190	0.0	1.0	0.5					
155.9	187.5	196.4	0.0	1.0	0.625	85.1	-65.5	29.3	71.9	155.9	0.0	1.0	0.94	86.8	-48.7	-6.8	49.3	188	0.0	1.0	0.625	0.0	1.0	0.997	87.1	-44.6	-12.7	46.5	196	0.0	1.0	0.625					
165.6	195.0	203.3	0.0	1.0	0.75	85.7	-59.4	15.3	61.5	165.6	0.0	1.0	0.99	87.1	-45.2	-12.0	46.9	195	0.0	1.0	0.75	0.0	1.0	0.966	1.0	84.8	-41.1	-17.4	44.7	203	0.0	1.0	0.75				
177.8	202.5	210.1	0.0	1.0	0.875	86.3	-52.3	1.1	52.4	178.8	0.0	0.966	1.0	84.8	-41.1	-17.4	44.7	203	0.0	1.0	0.875	0.0	1.0	0.929	1.0	80.2	-37.1	-21.4	43.0	210	0.0	1.0	0.875				
196.5	210.0	217.0	0.0	1.0	1.0	87.1	-44.3	-13.0	46.4	196.5	0.0	0.929	1.0	82.3	-37.1	-21.4	43.0	210	0.0	1.0	1.0	0.0	1.0	0.892	1.0	79.7	-32.8	-24.7	41.2	217	0.0	1.0	1.0				
220.1	217.5	223.8	0.0	0.875	1.0	78.6	-30.8	-26.0	40.5	220.1	0.0	0.886	1.0	79.4	-32.2	-25.1	41.0	218	0.0	0.875	1.0	0.0	0.857	1.0	1.0	77.4	-29.2	-28.2	40.7	224	0.0	0.875	1.0				
247.6	225.0	230.7	0.0	0.75	1.0	70.1	-16.1	-39.1	42.4	247.6	0.0	0.853	1.0	77.1	-28.7	-28.7	40.8	225	0.0	0.75	1.0	0.0	0.826	1.0	1.0	75.2	-25.8	-31.9	41.2	231	0.0	0.75	1.0				
269.8	232.5	237.5	0.0	0.625	1.0	61.8	0.0	-52.1	52.2	269.8	0.0	0.816	1.0	74.6	-24.8	-32.9	41.4	233	0.0	0.625	1.0	0.0	0.794	1.0	1.0	73.1	-22.0	-35.3	41.7	238	0.0	0.625	1.0				
284.6	240.0	244.4	0.0	0.5	1.0	53.9	16.9	-64.7	67.0	284.6	0.0	0.785	1.0	72.4	-20.8	-36.1	41.8	240	0.0	0.5	1.0	0.0	0.766	1.0	1.0	71.2	-18.4	-37.8	42.1	244	0.0	0.5	1.0				
293.9	247.5	251.2	0.0	0.375	1.0	46.8	33.9	-76.3	83.6	293.9	0.0	0.748	1.0	69.9	-15.8	-39.4	42.6	248	0.0	0.375	1.0	0.0	0.731	1.0	1.0	68.8	-14.2	-41.4	43.9	251	0.0	0.375	1.0				
299.8	255.0	258.0	0.0	0.25	1.0	41.0	49.2	-85.8	99.0	299.8	0.0	0.708	1.0	67.3	-11.7	-44.0	45.7	255	0.0	0.25	1.0	0.0	0.692	1.0	1.0	66.2	-9.7	-45.9	47.0	258	0.0	0.25	1.0				
303.0	262.5	264.9	0.0	0.125	1.0	37.1	60.0	-92.2	110.1	303.0	0.0	0.663	1.0	64.4	-5.9	-48.7	49.2	263	0.0	0.125	1.0	0.0	0.652	1.0	1.0	63.6	-4.3	-49.8	50.1	265	0.0	0.125	1.0				
304.3	270.0	271.7	0.0																																		





Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 34.8, 103.3, 136.9, 196.5, 304.3, 328.1$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
124	120	127	0.635 1.0 0.0	87.3 -52.7 78.3 94.4 124	0.718 1.0 0.0	88.4 -45.9 79.6 91.9 120	0.5 1.0 0.0	0.56 1.0 0.0	86.6 -58.2 77.4 96.9 127	0.5 1.0 0.0	0.0	0.0
125	121	128	0.612 1.0 0.0	87.1 -54.5 77.9 95.1 125	0.697 1.0 0.0	88.1 -47.6 79.3 92.5 121	0.483 1.0 0.0	0.534 1.0 0.0	86.3 -60.1 77.0 97.7 128	0.483 1.0 0.0	0.0	0.0
126	122	130	0.586 1.0 0.0	86.8 -56.3 77.7 96.0 126	0.677 1.0 0.0	87.9 -49.3 79.0 93.2 122	0.467 1.0 0.0	0.475 1.0 0.0	85.8 -63.9 76.3 99.6 130	0.467 1.0 0.0	0.0	0.0
127	123	131	0.56 1.0 0.0	86.6 -58.2 77.4 96.9 127	0.656 1.0 0.0	87.6 -51.0 78.6 93.8 123	0.45 1.0 0.0	0.439 1.0 0.0	85.6 -66.0 76.0 100.7 131	0.45 1.0 0.0	0.0	0.0
128	124	132	0.534 1.0 0.0	86.3 -60.1 77.0 97.7 128	0.635 1.0 0.0	87.3 -52.7 78.3 94.4 124	0.433 1.0 0.0	0.403 1.0 0.0	85.3 -68.0 75.7 101.8 132	0.433 1.0 0.0	0.0	0.0
129	125	133	0.508 1.0 0.0	86.1 -61.9 76.6 98.6 129	0.612 1.0 0.0	87.1 -54.5 77.9 95.1 125	0.417 1.0 0.0	0.364 1.0 0.0	85.0 -70.1 75.3 102.9 133	0.417 1.0 0.0	0.0	0.0
130	126	134	0.475 1.0 0.0	85.8 -63.9 76.3 99.6 130	0.586 1.0 0.0	86.8 -56.3 77.7 96.0 126	0.4 1.0 0.0	0.31 1.0 0.0	84.8 -72.3 75.0 104.2 134	0.4 1.0 0.0	0.0	0.0
131	127	135	0.439 1.0 0.0	85.6 -66.0 76.0 100.7 131	0.56 1.0 0.0	86.6 -58.2 77.4 96.9 127	0.383 1.0 0.0	0.256 1.0 0.0	84.5 -74.5 74.6 105.5 135	0.383 1.0 0.0	0.0	0.0
132	128	137	0.403 1.0 0.0	85.3 -68.0 75.7 101.8 132	0.534 1.0 0.0	86.3 -60.1 77.0 97.7 128	0.367 1.0 0.0	0.0 1.0	0.013 84.0 -78.9 73.6 108.0 137	0.367 1.0 0.0	0.0	0.0
133	129	138	0.364 1.0 0.0	85.0 -70.1 75.3 102.9 133	0.508 1.0 0.0	86.1 -61.9 76.6 98.6 129	0.35 1.0 0.0	0.0 1.0	0.137 84.1 -78.2 70.5 105.4 138	0.35 1.0 0.0	0.0	0.0
134	130	139	0.31 1.0 0.0	84.8 -72.3 75.0 104.2 134	0.475 1.0 0.0	85.8 -63.9 76.3 99.6 130	0.333 1.0 0.0	0.0 1.0	0.195 84.1 -77.6 67.5 102.9 139	0.333 1.0 0.0	0.0	0.0
135	131	140	0.256 1.0 0.0	84.5 -74.5 74.6 105.5 135	0.439 1.0 0.0	85.6 -66.0 76.0 100.7 131	0.317 1.0 0.0	0.0 1.0	0.251 84.2 -76.8 64.6 100.4 140	0.317 1.0 0.0	0.0	0.0
136	132	141	0.163 1.0 0.0	84.2 -76.8 74.3 106.9 136	0.403 1.0 0.0	85.3 -68.0 75.7 101.8 132	0.3 1.0 0.0	0.0 1.0	0.286 84.2 -76.2 61.8 98.2 141	0.3 1.0 0.0	0.0	0.0
137	133	142	0.0 1.0 0.013 84.0	-78.9 73.6 108.0 137	0.364 1.0 0.0	85.0 -70.1 75.3 102.9 133	0.283 1.0 0.0	0.0 1.0	0.32 84.3 -75.5 59.1 96.0 142	0.283 1.0 0.0	0.0	0.0
138	134	144	0.0 1.0 0.137 84.1	-78.2 70.5 105.4 138	0.31 1.0 0.0	84.8 -72.3 75.0 104.2 134	0.267 1.0 0.0	0.0 1.0	0.385 84.4 -74.0 53.9 91.6 144	0.267 1.0 0.0	0.0	0.0
139	135	145	0.0 1.0 0.195 84.1	-77.6 67.5 102.9 139	0.256 1.0 0.0	84.5 -74.5 74.6 105.5 135	0.25 1.0 0.0	0.0 1.0	0.409 84.5 -73.4 51.5 89.7 145	0.25 1.0 0.0	0.0	0.0
140	136	146	0.0 1.0 0.251 84.2	-76.8 64.6 100.4 140	0.163 1.0 0.0	84.2 -76.8 74.3 106.9 136	0.233 1.0 0.0	0.0 1.0	0.433 84.5 -72.7 49.1 87.9 146	0.233 1.0 0.0	0.0	0.0
141	137	147	0.0 1.0 0.286 84.2	-76.2 61.8 98.2 141	0.0 1.0 0.013 84.0	-78.9 73.6 108.0 137	0.217 1.0 0.0	0.0 1.0	0.457 84.6 -72.0 46.8 86.0 147	0.217 1.0 0.0	0.0	0.0
142	138	148	0.0 1.0 0.32 84.3	-75.5 59.1 96.0 142	0.0 1.0 0.137 84.1	-78.2 70.5 105.4 138	0.2 1.0 0.0	0.0 1.0	0.481 84.6 -71.2 44.5 84.1 148	0.2 1.0 0.0	0.0	0.0
143	139	149	0.0 1.0 0.355 84.3	-74.8 56.4 93.7 143	0.0 1.0 0.195 84.1	-77.6 67.5 102.9 139	0.183 1.0 0.0	0.0 1.0	0.503 84.7 -70.4 42.4 82.2 149	0.183 1.0 0.0	0.0	0.0
144	140	151	0.0 1.0 0.385 84.4	-74.0 53.9 91.6 144	0.0 1.0 0.251 84.2	-76.8 64.6 100.4 140	0.167 1.0 0.0	0.0 1.0	0.538 84.8 -69.2 38.4 79.3 151	0.167 1.0 0.0	0.0	0.0
145	141	152	0.0 1.0 0.409 84.5	-73.4 51.5 89.7 145	0.0 1.0 0.286 84.2	-76.2 61.8 98.2 141	0.15 1.0 0.0	0.0 1.0	0.556 84.9 -68.6 36.5 77.8 152	0.15 1.0 0.0	0.0	0.0
146	142	153	0.0 1.0 0.433 84.5	-72.7 49.1 87.9 146	0.0 1.0 0.32 84.3	-75.5 59.1 96.0 142	0.133 1.0 0.0	0.0 1.0	0.574 84.9 -67.9 34.6 76.3 153	0.133 1.0 0.0	0.0	0.0
147	143	154	0.0 1.0 0.457 84.6	-72.0 46.8 86.0 147	0.0 1.0 0.355 84.3	-74.8 56.4 93.7 143	0.117 1.0 0.0	0.0 1.0	0.591 85.0 -67.1 32.8 74.8 154	0.117 1.0 0.0	0.0	0.0
148	144	155	0.0 1.0 0.481 84.6	-71.2 44.5 84.1 148	0.0 1.0 0.385 84.4	-74.0 53.9 91.6 144	0.1 1.0 0.0	0.0 1.0	0.609 85.1 -66.3 31.0 73.3 155	0.1 1.0 0.0	0.0	0.0
149	145	156	0.0 1.0 0.503 84.7	-70.4 42.4 82.2 149	0.0 1.0 0.409 84.5	-73.4 51.5 89.7 145	0.083 1.0 0.0	0.0 1.0	0.626 85.1 -65.5 29.2 71.8 156	0.083 1.0 0.0	0.0	0.0
150	146	158	0.0 1.0 0.521 84.8	-69.4 40.4 80.8 150	0.0 1.0 0.433 84.5	-72.7 49.1 87.9 146	0.067 1.0 0.0	0.0 1.0	0.652 85.2 -64.5 26.1 69.7 158	0.067 1.0 0.0	0.0	0.0
151	147	159	0.0 1.0 0.538 84.8	-69.2 38.4 79.3 151	0.0 1.0 0.457 84.6	-72.0 46.8 86.0 147	0.05 1.0 0.0	0.0 1.0	0.665 85.3 -63.9 24.6 68.6 159	0.05 1.0 0.0	0.0	0.0
152	148	160	0.0 1.0 0.556 84.9	-68.6 36.5 77.8 152	0.0 1.0 0.481 84.6	-71.2 44.5 84.1 148	0.033 1.0 0.0	0.0 1.0	0.678 85.4 -63.3 23.1 67.5 160	0.033 1.0 0.0	0.0	0.0
153	149	161	0.0 1.0 0.574 84.9	-67.9 34.6 76.3 153	0.0 1.0 0.503 84.7	-70.4 42.4 82.2 149	0.017 1.0 0.0	0.0 1.0	0.691 85.4 -62.7 21.6 66.4 161	0.017 1.0 0.0	0.0	0.0
154	150	162	0.0 1.0 0.591 85.0	-67.1 32.8 74.8 154	0.0 1.0 0.521 84.8	-69.8 40.4 80.8 150	0.0 1.0 0.0	0.0 1.0	0.704 85.5 -62.0 20.2 65.3 162	0.0 1.0 0.0	0.0 0.0G <sub>e</sub>	0.0
155	151	163	0.0 1.0 0.609 85.1	-66.3 31.0 73.3 155	0.0 1.0 0.538 84.8	-69.2 38.4 79.3 151	0.0 1.0 0.0	0.0 1.0	0.716 85.5 -61.4 18.8 64.3 163	0.0 1.0 0.0	0.0 0.017	0.0
156	152	164	0.0 1.0 0.626 85.1	-65.5 29.2 71.8 156	0.0 1.0 0.556 84.9	-68.6 36.5 77.8 152	0.0 1.0 0.0	0.0 1.0	0.729 85.6 -60.6 17.4 63.2 164	0.0 1.0 0.0	0.0 0.033	0.0
157	153	165	0.0 1.0 0.639 85.2	-65.0 27.6 70.7 157	0.0 1.0 0.574 84.9	-67.9 34.6 76.3 153	0.0 1.0 0.0	0.0 1.0	0.742 85.6 -59.9 16.1 62.1 165	0.0 1.0 0.0	0.0 0.05	0.0
158	154	166	0.0 1.0 0.652 85.2	-64.5 26.1 69.7 158	0.0 1.0 0.591 85.0	-67.1 32.8 74.8 154	0.0 1.0 0.0	0.0 1.0	0.754 85.7 -59.3 14.8 61.2 166	0.0 1.0 0.0	0.0 0.067	0.0
159	155	167	0.0 1.0 0.665 85.3	-63.9 24.6 68.6 159	0.0 1.0 0.609 85.1	-66.3 31.0 73.3 155	0.0 1.0 0.0	0.0 1.0	0.763 85.7 -58.9 13.6 60.5 167	0.0 1.0 0.0	0.0 0.083	0.0
160	156	168	0.0 1.0 0.678 85.4	-63.3 23.1 67.5 160	0.0 1.0 0.626 85.1	-65.5 29.2 71.8 156	0.0 1.0 0.0	0.0 1.0	0.773 85.8 -58.4 12.4 59.8 168	0.0 1.0 0.0	0.0 0.1	0.0
161	157	169	0.0 1.0 0.691 85.4	-62.7 21.6 66.4 161	0.0 1.0 0.639 85.2	-65.0 27.6 70.7 157	0.0 1.0 0.0	0.0 1.0	0.782 85.8 -58.0 11.3 59.2 169	0.0 1.0 0.0	0.0 0.117	0.0
162	158	170	0.0 1.0 0.704 85.5	-62.0 20.2 65.3 162	0.0 1.0 0.652 85.2	-64.5 26.1 69.7 158	0.0 1.0 0.0	0.0 1.0	0.792 85.9 -57.5 10.2 58.5 170	0.0 1.0 0.0	0.0 0.133	0.0
163	159	170	0.0 1.0 0.716 85.5	-61.4 18.8 64.3 163	0.0 1.0 0.665 85.3	-63.9 24.6 68.6 159	0.0 1.0 0.0	0.0 1.0	0.792 85.9 -57.5 10.2 58.5 170	0.0 1.0 0.0	0.0 0.15	0.0
164	160	171	0.0 1.0 0.729 85.6	-60.6 17.4 63.2 164	0.0 1.0 0.678 85.4	-63.3 23.1 67.5 160	0.0 1.0 0.0	0.0 1.0	0.801 85.9 -57.0 9.0 58.7 171	0.0 1.0 0.0	0.0 0.167	0.0
165	161	172	0.0 1.0 0.742 85.6	-59.9 16.1 62.1 165	0.0 1.0 0.691 85.4	-62.7 21.6 66.4 161	0.0 1.0 0.0	0.0 1.0	0.81 86.0 -56.5 7.9 57.1 172	0.0 1.0 0.0	0.0 0.183	0.0
166	162	173	0.0 1.0 0.754 85.7	-59.3 14.8 61.2 166	0.0 1.0 0.704 85.5	-62.0 20.2 65.3 162	0.0 1.0 0.0	0.0 1.0	0.82 86.0 -55.9 6.9 56.4 173	0.0 1.0 0.0	0.0 0.2	0.0
167	163	174	0.0 1.0 0.763 85.7	-58.9 13.6 60.5 167	0.0 1.0 0.716 85.5	-61.4 18.8 64.3 163	0.0 1.0 0.0	0.0 1.0	0.829 86.1 -55.3 5.8 55.7 174	0.0 1.0 0.0	0.0 0.217	0.0
168	164	175	0.0 1.0 0.773 85.8	-58.4 12.4 59.8 168	0.0 1.0 0.729 85.6	-60.6 17.4 63.2 164	0.0 1.0 0.0	0.0 1.0	0.839 86.1 -54.8 4.8 55.1 175	0.0 1.0 0.0	0.0 0.233	0.0
169	165	176	0.0 1.0 0.782 85.8	-58.0 11.3 59.2 169	0.0 1.0 0.742 85.6	-59.9 16.1 62.1 165	0.0 1.0 0.0	0.0 1.0	0.848 86.2 -54.2 3.8 54.4 176	0.0 1.0 0.0	0.0 0.25	0.0

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 34.8, 103.3, 136.9, 196.5, 304.3, 328.1$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
169	165	176	0.0 1.0 0.782	85.8 -58.0 11.3	0.0 1.0 0.742	85.6 -59.9 16.1	62.1 165 0.0	1.0 0.25	0.0 1.0 0.848	86.2 -54.2 3.8	54.4 176 0.0	1.0 0.25
170	166	177	0.0 1.0 0.792	85.9 -57.5 10.2	0.0 1.0 0.754	85.7 -59.3 14.8	61.2 166 0.0	1.0 0.267	0.0 1.0 0.858	86.2 -53.5 2.8	53.7 177 0.0	1.0 0.267
171	167	178	0.0 1.0 0.801	85.9 -57.0 9.0	0.0 1.0 0.763	85.7 -58.9 13.6	60.5 167 0.0	1.0 0.283	0.0 1.0 0.867	86.3 -52.9 1.9	53.0 178 0.0	1.0 0.283
172	168	179	0.0 1.0 0.81	86.0 -56.5 7.9	0.0 1.0 0.773	85.8 -58.4 12.4	59.8 168 0.0	1.0 0.3	0.0 1.0 0.876	86.3 -52.3 0.9	52.4 179 0.0	1.0 0.3
173	169	180	0.0 1.0 0.82	86.0 -55.9 6.9	0.0 1.0 0.782	85.8 -58.0 11.3	59.2 169 0.0	1.0 0.317	0.0 1.0 0.883	86.4 -51.9 0.0	52.0 180 0.0	1.0 0.317
174	170	180	0.0 1.0 0.829	86.1 -55.3 5.8	0.0 1.0 0.792	85.9 -57.5 10.2	58.5 170 0.0	1.0 0.333	0.0 1.0 0.883	86.4 -51.9 0.0	52.0 180 0.0	1.0 0.333
175	171	181	0.0 1.0 0.839	86.1 -54.8 4.8	0.0 1.0 0.801	85.9 -57.0 9.0	57.8 171 0.0	1.0 0.35	0.0 1.0 0.89	86.4 -51.6 -0.8	51.7 181 0.0	1.0 0.35
176	172	182	0.0 1.0 0.848	86.2 -54.2 3.8	0.0 1.0 0.81	86.0 -56.5 7.9	57.1 172 0.0	1.0 0.367	0.0 1.0 0.897	86.5 -51.2 -1.7	51.4 182 0.0	1.0 0.367
177	173	183	0.0 1.0 0.858	86.2 -53.5 2.8	0.0 1.0 0.82	86.0 -55.9 6.9	56.4 173 0.0	1.0 0.383	0.0 1.0 0.904	86.5 -50.8 -2.6	51.0 183 0.0	1.0 0.383
178	174	184	0.0 1.0 0.867	86.3 -52.9 1.9	0.0 1.0 0.829	86.1 -55.3 5.8	55.7 174 0.0	1.0 0.4	0.0 1.0 0.912	86.6 -50.4 -3.4	50.7 184 0.0	1.0 0.4
179	175	185	0.0 1.0 0.876	86.3 -52.3 0.9	0.0 1.0 0.839	86.1 -54.8 4.8	55.1 175 0.0	1.0 0.417	0.0 1.0 0.919	86.6 -50.0 -4.3	50.3 185 0.0	1.0 0.417
180	176	186	0.0 1.0 0.883	86.4 -51.9 0.0	0.0 1.0 0.848	86.2 -54.2 3.8	54.4 176 0.0	1.0 0.433	0.0 1.0 0.926	86.7 -49.6 -5.1	50.0 186 0.0	1.0 0.433
181	177	187	0.0 1.0 0.89	86.4 -51.6 -0.8	0.0 1.0 0.858	86.2 -53.5 2.8	53.7 177 0.0	1.0 0.45	0.0 1.0 0.933	86.7 -49.2 -5.9	49.6 187 0.0	1.0 0.45
182	178	188	0.0 1.0 0.897	86.5 -51.2 -1.7	0.0 1.0 0.867	86.3 -52.9 1.9	53.0 178 0.0	1.0 0.467	0.0 1.0 0.94	86.8 -48.7 -6.8	49.3 188 0.0	1.0 0.467
183	179	189	0.0 1.0 0.904	86.5 -50.8 -2.6	0.0 1.0 0.876	86.3 -52.3 0.9	52.4 179 0.0	1.0 0.483	0.0 1.0 0.947	86.8 -48.2 -7.6	48.9 189 0.0	1.0 0.483
184	180	190	0.0 1.0 0.912	86.6 -50.4 -3.4	0.0 1.0 0.883	86.4 -51.9 0.0	52.0 180 0.0	1.0 0.5	0.0 1.0 0.954	86.8 -47.8 -8.3	48.6 190 0.0	1.0 0.5
185	181	191	0.0 1.0 0.919	86.6 -50.0 -4.3	0.0 1.0 0.89	86.4 -51.6 -0.8	51.7 181 0.0	1.0 0.517	0.0 1.0 0.961	86.9 -47.3 -9.1	48.2 191 0.0	1.0 0.517
186	182	191	0.0 1.0 0.926	86.7 -49.6 -5.1	0.0 1.0 0.897	86.5 -51.2 -1.7	51.4 182 0.0	1.0 0.533	0.0 1.0 0.961	86.9 -47.3 -9.1	48.2 191 0.0	1.0 0.533
187	183	192	0.0 1.0 0.933	86.7 -49.2 -5.9	0.0 1.0 0.904	86.5 -50.8 -2.6	51.0 183 0.0	1.0 0.55	0.0 1.0 0.968	86.9 -46.8 -9.9	47.9 192 0.0	1.0 0.55
188	184	193	0.0 1.0 0.94	86.8 -48.7 -6.8	0.0 1.0 0.912	86.6 -50.4 -3.4	50.7 184 0.0	1.0 0.567	0.0 1.0 0.975	87.0 -46.2 -10.6	47.6 193 0.0	1.0 0.567
189	185	194	0.0 1.0 0.947	86.8 -48.2 -7.6	0.0 1.0 0.919	86.6 -50.0 -4.3	50.3 185 0.0	1.0 0.583	0.0 1.0 0.982	87.0 -45.7 -11.3	47.2 194 0.0	1.0 0.583
190	186	195	0.0 1.0 0.954	86.8 -47.8 -8.3	0.0 1.0 0.926	86.7 -49.6 -5.1	50.0 186 0.0	1.0 0.6	0.0 1.0 0.99	87.1 -45.2 -12.0	46.9 195 0.0	1.0 0.6
191	187	196	0.0 1.0 0.961	86.9 -47.3 -9.1	0.0 1.0 0.933	86.7 -49.2 -5.9	49.6 187 0.0	1.0 0.617	0.0 1.0 0.997	87.1 -44.6 -12.7	46.5 196 0.0	1.0 0.617
192	188	197	0.0 1.0 0.968	86.9 -46.8 -9.9	0.0 1.0 0.94	86.8 -48.7 -6.8	49.3 188 0.0	1.0 0.633	0.0 1.0 0.997	1.0 87.0 -44.1 -13.4	46.2 197 0.0	1.0 0.633
193	189	198	0.0 1.0 0.975	87.0 -46.2 -10.6	0.0 1.0 0.947	86.8 -48.2 -7.6	48.9 189 0.0	1.0 0.65	0.0 1.0 0.992	1.0 86.6 -43.6 -14.1	46.0 198 0.0	1.0 0.65
194	190	199	0.0 1.0 0.982	87.0 -45.7 -11.3	0.0 1.0 0.954	86.8 -47.8 -8.3	48.6 190 0.0	1.0 0.667	0.0 1.0 0.987	1.0 86.2 -43.1 -14.8	45.7 199 0.0	1.0 0.667
195	191	200	0.0 1.0 0.99	87.1 -45.2 -12.0	0.0 1.0 0.961	86.9 -47.3 -9.1	48.2 191 0.0	1.0 0.683	0.0 1.0 0.981	1.0 85.9 -42.6 -15.5	45.5 200 0.0	1.0 0.683
196	192	201	0.0 1.0 0.997	87.1 -44.6 -12.7	0.0 1.0 0.968	86.9 -46.8 -9.9	47.9 192 0.0	1.0 0.7	0.0 1.0 0.976	1.0 85.5 -42.1 -16.1	45.2 201 0.0	1.0 0.7
197	193	201	0.0 0.997	1.0 87.0 -44.1 -13.4	0.0 1.0 0.975	87.0 -46.2 -10.6	47.6 193 0.0	1.0 0.717	0.0 1.0 0.976	1.0 85.5 -42.1 -16.1	45.2 201 0.0	1.0 0.717
198	194	202	0.0 0.992	1.0 86.6 -43.6 -14.1	0.0 1.0 0.982	87.0 -45.7 -11.3	47.2 194 0.0	1.0 0.733	0.0 1.0 0.971	1.0 85.1 -41.6 -16.7	45.0 202 0.0	1.0 0.733
199	195	203	0.0 0.987	1.0 86.2 -43.1 -14.8	0.0 1.0 0.99	87.1 -45.2 -12.0	46.9 195 0.0	1.0 0.75	0.0 1.0 0.966	1.0 84.8 -41.1 -17.4	44.7 203 0.0	1.0 0.75
200	196	204	0.0 0.981	1.0 85.9 -42.6 -15.5	0.0 1.0 0.997	87.1 -44.6 -12.7	46.5 196 0.0	1.0 0.767	0.0 1.0 0.96	1.0 84.4 -40.5 -18.0	44.5 204 0.0	1.0 0.767
201	197	205	0.0 0.976	1.0 85.5 -42.1 -16.1	0.0 1.0 0.997	87.0 -44.1 -13.4	46.2 197 0.0	1.0 0.783	0.0 1.0 0.955	1.0 84.1 -40.0 -18.6	44.2 205 0.0	1.0 0.783
202	198	206	0.0 0.971	1.0 85.1 -41.6 -16.7	0.0 1.0 0.992	86.6 -43.6 -14.1	46.0 198 0.0	1.0 0.8	0.0 1.0 0.95	1.0 83.7 -39.4 -19.2	44.0 206 0.0	1.0 0.8
203	199	207	0.0 0.966	1.0 84.8 -41.1 -17.4	0.0 1.0 0.987	86.2 -43.1 -14.8	45.7 199 0.0	1.0 0.817	0.0 1.0 0.944	1.0 83.3 -38.9 -19.8	43.7 207 0.0	1.0 0.817
204	200	208	0.0 0.96	1.0 84.4 -40.5 -18.0	0.0 1.0 0.981	85.9 -42.6 -15.5	45.5 200 0.0	1.0 0.833	0.0 1.0 0.939	1.0 83.0 -38.3 -20.3	43.5 208 0.0	1.0 0.833
205	201	209	0.0 0.955	1.0 84.1 -40.0 -18.6	0.0 1.0 0.976	85.5 -42.1 -16.1	45.2 201 0.0	1.0 0.85	0.0 1.0 0.934	1.0 82.6 -37.7 -20.9	43.2 209 0.0	1.0 0.85
206	202	210	0.0 0.95	1.0 83.7 -39.4 -19.2	0.0 1.0 0.971	85.1 -41.6 -16.7	45.0 202 0.0	1.0 0.867	0.0 1.0 0.929	1.0 82.3 -37.1 -21.4	43.0 210 0.0	1.0 0.867
207	203	211	0.0 0.944	1.0 83.3 -38.9 -19.8	0.0 1.0 0.966	84.8 -41.1 -17.4	44.7 203 0.0	1.0 0.883	0.0 1.0 0.923	1.0 81.9 -36.5 -21.9	42.7 211 0.0	1.0 0.883
208	204	212	0.0 0.939	1.0 83.0 -38.3 -20.3	0.0 1.0 0.96	84.4 -40.5 -18.0	44.5 204 0.0	1.0 0.9	0.0 1.0 0.918	1.0 81.5 -35.9 -22.4	42.5 212 0.0	1.0 0.9
209	205	212	0.0 0.934	1.0 82.6 -37.7 -20.9	0.0 1.0 0.955	84.1 -40.0 -18.6	44.2 205 0.0	1.0 0.917	0.0 1.0 0.918	1.0 81.5 -35.9 -22.4	42.5 212 0.0	1.0 0.917
210	206	213	0.0 0.929	1.0 82.3 -37.1 -21.4	0.0 1.0 0.95	83.7 -39.4 -19.2	44.0 206 0.0	1.0 0.933	0.0 1.0 0.913	1.0 81.2 -35.3 -22.9	42.2 213 0.0	1.0 0.933
211	207	214	0.0 0.923	1.0 81.9 -36.5 -21.9	0.0 1.0 0.944	83.3 -38.9 -19.8	43.7 207 0.0	1.0 0.95	0.0 1.0 0.907	1.0 80.8 -34.7 -23.4	42.0 214 0.0	1.0 0.95
212	208	215	0.0 0.918	1.0 81.5 -35.9 -22.4	0.0 1.0 0.939	83.0 -38.3 -20.3	43.5 208 0.0	1.0 0.967	0.0 1.0 0.902	1.0 80.4 -34.1 -23.8	41.7 215 0.0	1.0 0.967
213	209	216	0.0 0.913	1.0 81.2 -35.3 -22.9	0.0 1.0 0.934	82.6 -37.7 -20.9	43.2 209 0.0	1.0 0.983	0.0 1.0 0.897	1.0 80.1 -33.5 -24.3	41.5 216 0.0	1.0 0.983
214	210	217	0.0 0.907	1.0 80.8 -34.7 -23.4	0.0 1.0 0.929	82.3 -37.1 -21.4	43.0 214 0.0	1.0 1.0C <sub>s</sub>	0.0 1.0 0.892	1.0 79.7 -32.8 -24.7	41.2 217 0.0	1.0 1.0C <sub>e</sub>

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 34.8, 103.3, 136.9, 196.5, 304.3, 328.1$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
214	210	217	0.0 0.907 1.0	80.8 -34.7 -23.4 42.0 214	0.0 0.929 1.0	82.3 -37.1 -21.4 43.0 210	0.0 1.0 $1.0C_s$	0.0 0.892 1.0	79.7 -32.8 -24.7 41.2 217	0.0 1.0 $1.0C_e$		
215	211	218	0.0 0.902 1.0	80.4 -34.1 -23.8 41.7 215	0.0 0.923 1.0	81.9 -36.5 -21.9 42.7 211	0.0 0.983 1.0	0.0 0.886 1.0	79.4 -32.2 -25.1 41.0 218	0.0 0.983 1.0		
216	212	219	0.0 0.897 1.0	80.1 -33.5 -24.3 41.5 216	0.0 0.918 1.0	81.5 -35.9 -22.4 42.5 212	0.0 0.967 1.0	0.0 0.881 1.0	79.0 -31.6 -25.5 40.7 219	0.0 0.967 1.0		
217	213	220	0.0 0.892 1.0	79.7 -32.8 -24.7 41.2 217	0.0 0.913 1.0	81.2 -35.3 -22.9 42.2 213	0.0 0.95 1.0	0.0 0.876 1.0	78.6 -30.9 -25.9 40.5 220	0.0 0.95 1.0		
218	214	221	0.0 0.886 1.0	79.4 -32.2 -25.1 41.0 218	0.0 0.907 1.0	80.8 -34.7 -23.4 42.0 214	0.0 0.933 1.0	0.0 0.871 1.0	78.3 -30.5 -26.5 40.5 221	0.0 0.933 1.0		
219	215	222	0.0 0.881 1.0	79.0 -31.6 -25.5 40.7 219	0.0 0.902 1.0	80.4 -34.1 -23.8 41.7 215	0.0 0.917 1.0	0.0 0.867 1.0	78.0 -30.1 -27.1 40.6 222	0.0 0.917 1.0		
220	216	222	0.0 0.876 1.0	78.6 -30.9 -25.9 40.5 220	0.0 0.897 1.0	80.1 -33.5 -24.3 41.5 216	0.0 0.9 1.0	0.0 0.867 1.0	78.0 -30.1 -27.1 40.6 222	0.0 0.9 1.0		
221	217	223	0.0 0.871 1.0	78.3 -30.5 -26.5 40.5 221	0.0 0.892 1.0	79.7 -32.8 -24.7 41.2 217	0.0 0.883 1.0	0.0 0.862 1.0	77.7 -29.6 -27.6 40.7 223	0.0 0.883 1.0		
222	218	224	0.0 0.867 1.0	78.0 -30.1 -27.1 40.6 222	0.0 0.886 1.0	79.4 -32.2 -25.1 41.0 218	0.0 0.867 1.0	0.0 0.857 1.0	77.4 -29.2 -28.2 40.7 224	0.0 0.867 1.0		
223	219	225	0.0 0.862 1.0	77.7 -29.6 -27.6 40.7 223	0.0 0.881 1.0	79.0 -31.6 -25.5 40.7 219	0.0 0.85 1.0	0.0 0.853 1.0	77.1 -28.7 -28.7 40.8 225	0.0 0.85 1.0		
224	220	226	0.0 0.857 1.0	77.4 -29.2 -28.2 40.7 224	0.0 0.876 1.0	78.6 -30.9 -25.9 40.5 220	0.0 0.833 1.0	0.0 0.848 1.0	76.8 -28.3 -29.3 40.9 226	0.0 0.833 1.0		
225	221	227	0.0 0.853 1.0	77.1 -28.7 -28.7 40.8 225	0.0 0.871 1.0	78.3 -30.5 -26.5 40.5 221	0.0 0.817 1.0	0.0 0.844 1.0	76.5 -27.8 -29.8 40.9 227	0.0 0.817 1.0		
226	222	228	0.0 0.848 1.0	76.8 -28.3 -29.3 40.9 226	0.0 0.867 1.0	78.0 -30.1 -27.1 40.6 222	0.0 0.8 1.0	0.0 0.839 1.0	76.2 -27.3 -30.4 41.0 228	0.0 0.8 1.0		
227	223	229	0.0 0.844 1.0	76.5 -27.8 -29.8 40.9 227	0.0 0.862 1.0	77.7 -29.6 -27.6 40.7 223	0.0 0.783 1.0	0.0 0.835 1.0	75.8 -26.8 -30.9 41.1 229	0.0 0.783 1.0		
228	224	230	0.0 0.839 1.0	76.2 -27.3 -30.4 41.0 228	0.0 0.857 1.0	77.4 -29.2 -28.2 40.7 224	0.0 0.767 1.0	0.0 0.83 1.0	75.5 -26.3 -31.4 41.1 230	0.0 0.767 1.0		
229	225	231	0.0 0.835 1.0	75.8 -26.8 -30.9 41.1 229	0.0 0.853 1.0	77.1 -28.7 -28.7 40.8 225	0.0 0.75 1.0	0.0 0.826 1.0	75.2 -25.8 -31.9 41.2 231	0.0 0.75 1.0		
230	226	232	0.0 0.83 1.0	75.5 -26.3 -31.4 41.1 230	0.0 0.848 1.0	76.8 -28.3 -29.3 40.9 226	0.0 0.733 1.0	0.0 0.821 1.0	74.9 -25.3 -32.4 41.3 232	0.0 0.733 1.0		
231	227	232	0.0 0.826 1.0	75.2 -25.8 -31.9 41.2 231	0.0 0.844 1.0	76.5 -27.8 -29.8 40.9 227	0.0 0.717 1.0	0.0 0.821 1.0	74.9 -25.3 -32.4 41.3 232	0.0 0.717 1.0		
232	228	233	0.0 0.821 1.0	74.9 -25.3 -32.4 41.3 232	0.0 0.839 1.0	76.2 -27.3 -30.4 41.0 228	0.0 0.7 1.0	0.0 0.816 1.0	74.6 -24.8 -32.9 41.4 233	0.0 0.7 1.0		
233	229	234	0.0 0.816 1.0	74.6 -24.8 -32.9 41.4 233	0.0 0.835 1.0	75.8 -26.8 -30.9 41.1 229	0.0 0.683 1.0	0.0 0.812 1.0	74.3 -24.3 -33.4 41.4 234	0.0 0.683 1.0		
234	230	235	0.0 0.812 1.0	74.3 -24.3 -33.4 41.4 234	0.0 0.83 1.0	75.5 -26.3 -31.4 41.1 230	0.0 0.667 1.0	0.0 0.807 1.0	74.0 -23.7 -33.9 41.5 235	0.0 0.667 1.0		
235	231	236	0.0 0.807 1.0	74.0 -23.7 -33.9 41.5 235	0.0 0.826 1.0	75.2 -25.8 -31.9 41.2 231	0.0 0.65 1.0	0.0 0.803 1.0	73.7 -23.1 -34.4 41.6 236	0.0 0.65 1.0		
236	232	237	0.0 0.803 1.0	73.7 -23.1 -34.4 41.6 236	0.0 0.821 1.0	74.9 -25.3 -32.4 41.3 232	0.0 0.633 1.0	0.0 0.798 1.0	73.4 -22.6 -34.8 41.6 237	0.0 0.633 1.0		
237	233	238	0.0 0.798 1.0	73.4 -22.6 -34.8 41.6 237	0.0 0.816 1.0	74.6 -24.8 -32.9 41.4 233	0.0 0.617 1.0	0.0 0.794 1.0	73.1 -22.0 -35.3 41.7 238	0.0 0.617 1.0		
238	234	239	0.0 0.794 1.0	73.1 -22.0 -35.3 41.7 238	0.0 0.812 1.0	74.3 -24.3 -33.4 41.4 234	0.0 0.6 1.0	0.0 0.789 1.0	72.8 -21.4 -35.7 41.8 239	0.0 0.6 1.0		
239	235	240	0.0 0.789 1.0	72.8 -21.4 -35.7 41.8 239	0.0 0.807 1.0	74.0 -23.7 -33.9 41.5 235	0.0 0.583 1.0	0.0 0.785 1.0	72.4 -20.8 -36.1 41.8 240	0.0 0.583 1.0		
240	236	241	0.0 0.785 1.0	72.4 -20.8 -36.1 41.8 240	0.0 0.803 1.0	73.7 -23.1 -34.4 41.6 236	0.0 0.567 1.0	0.0 0.78 1.0	72.1 -20.2 -36.6 41.9 241	0.0 0.567 1.0		
241	237	242	0.0 0.78 1.0	72.1 -20.2 -36.6 41.9 241	0.0 0.798 1.0	73.4 -22.6 -34.8 41.6 237	0.0 0.55 1.0	0.0 0.775 1.0	71.8 -19.6 -37.0 42.0 242	0.0 0.55 1.0		
242	238	243	0.0 0.775 1.0	71.8 -19.6 -37.0 42.0 242	0.0 0.794 1.0	73.1 -22.0 -35.3 41.7 238	0.0 0.533 1.0	0.0 0.771 1.0	71.5 -19.0 -37.4 42.1 243	0.0 0.533 1.0		
243	239	243	0.0 0.771 1.0	71.5 -19.0 -37.4 42.1 243	0.0 0.789 1.0	72.8 -21.4 -35.7 41.8 239	0.0 0.517 1.0	0.0 0.771 1.0	71.5 -19.0 -37.4 42.1 243	0.0 0.517 1.0		
244	240	244	0.0 0.766 1.0	71.2 -18.4 -37.8 42.1 244	0.0 0.785 1.0	72.4 -20.8 -36.1 41.8 240	0.0 0.5 1.0	0.0 0.766 1.0	71.2 -18.4 -37.8 42.1 244	0.0 0.5 1.0		
245	241	245	0.0 0.762 1.0	70.9 -17.7 -38.1 42.2 245	0.0 0.78 1.0	72.1 -20.2 -36.6 41.9 241	0.0 0.483 1.0	0.0 0.762 1.0	70.9 -17.7 -38.1 42.2 245	0.0 0.483 1.0		
246	242	246	0.0 0.757 1.0	70.6 -17.1 -38.5 42.3 246	0.0 0.775 1.0	71.8 -19.6 -37.0 42.0 242	0.0 0.467 1.0	0.0 0.757 1.0	70.6 -17.1 -38.5 42.3 246	0.0 0.467 1.0		
247	243	247	0.0 0.753 1.0	70.3 -16.4 -38.9 42.3 247	0.0 0.771 1.0	71.5 -19.0 -37.4 42.1 243	0.0 0.45 1.0	0.0 0.753 1.0	70.3 -16.4 -38.9 42.3 247	0.0 0.45 1.0		
248	244	248	0.0 0.748 1.0	69.9 -15.8 -39.4 42.6 248	0.0 0.766 1.0	71.2 -18.4 -37.8 42.1 244	0.0 0.433 1.0	0.0 0.748 1.0	69.9 -15.8 -39.4 42.6 248	0.0 0.433 1.0		
249	245	249	0.0 0.742 1.0	69.6 -15.3 -40.0 43.0 249	0.0 0.762 1.0	70.9 -17.7 -38.1 42.2 245	0.0 0.417 1.0	0.0 0.742 1.0	69.6 -15.3 -40.0 43.0 249	0.0 0.417 1.0		
250	246	250	0.0 0.736 1.0	69.2 -14.8 -40.7 43.4 250	0.0 0.757 1.0	70.6 -17.1 -38.5 42.3 246	0.0 0.4 1.0	0.0 0.736 1.0	69.2 -14.8 -40.7 43.4 250	0.0 0.4 1.0		
251	247	251	0.0 0.731 1.0	68.8 -14.2 -41.4 43.9 251	0.0 0.753 1.0	70.3 -16.4 -38.9 42.3 247	0.0 0.383 1.0	0.0 0.731 1.0	68.8 -14.2 -41.4 43.9 251	0.0 0.383 1.0		
252	248	252	0.0 0.725 1.0	68.5 -13.6 -42.1 44.3 252	0.0 0.748 1.0	69.9 -15.8 -39.4 42.6 248	0.0 0.367 1.0	0.0 0.725 1.0	68.5 -13.6 -42.1 44.3 252	0.0 0.367 1.0		
253	249	253	0.0 0.72 1.0	68.1 -13.0 -42.7 44.8 253	0.0 0.742 1.0	69.6 -15.3 -40.0 43.0 249	0.0 0.35 1.0	0.0 0.72 1.0	68.1 -13.0 -42.7 44.8 253	0.0 0.35 1.0		
254	250	253	0.0 0.714 1.0	67.7 -12.4 -43.4 45.2 254	0.0 0.736 1.0	69.2 -14.8 -40.7 43.4 250	0.0 0.333 1.0	0.0 0.72 1.0	68.1 -13.0 -42.7 44.8 253	0.0 0.333 1.0		
255	251	254	0.0 0.708 1.0	67.3 -11.7 -44.0 45.7 255	0.0 0.731 1.0	68.8 -14.2 -41.4 43.9 251	0.0 0.317 1.0	0.0 0.714 1.0	67.7 -12.4 -43.4 45.2 254	0.0 0.317 1.0		
256	252	255	0.0 0.703 1.0	67.0 -11.1 -44.6 46.1 256	0.0 0.725 1.0	68.5 -13.6 -42.1 44.3 252	0.0 0.3 1.0	0.0 0.708 1.0	67.3 -11.7 -44.0 45.7 255	0.0 0.3 1.0		
257	253	256	0.0 0.697 1.0	66.6 -10.4 -45.2 46.5 257	0.0 0.72 1.0	68.1 -13.0 -42.7 44.8 253	0.0 0.283 1.0	0.0 0.703 1.0	67.0 -11.1 -44.6 46.1 256	0.0 0.283 1.0		
258	254	257	0.0 0.692 1.0	66.2 -9.7 -45.9 47.0 258	0.0 0.714 1.0	67.7 -12.4 -43.4 45.2 254	0.0 0.267 1.0	0.0 0.697 1.0	66.6 -10.4 -45.2 46.5 257	0.0 0.267 1.0		
259	255	258	0.0 0.686 1.0	65.9 -8.9 -46.5 47.4 259	0.0 0.708 1.0	67.3 -11.7 -44.0 45.7 255	0.0 0.25 1.0	0.0 0.692 1.0	66.2 -9.7 -45.9 47.0 258	0.0 0.25 1.0		

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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: $h_{ab,d} = 34.8, 103.3, 136.9, 196.5, 304.3, 328.1$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$													
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
259	255	258	0.0 0.686 1.0	65.9 -8.9 -46.5 47.4 259	0.0 0.708 1.0	67.3 -11.7 -44.0 45.7 255	0.0 0.25 1.0	0.0 0.692 1.0	66.2 -9.7 -45.9 47.0 258	0.0 0.25 1.0	0.0 0.25 1.0	0.0 0.25 1.0	
260	256	259	0.0 0.68 1.0	65.5 -8.2 -47.0 47.9 260	0.0 0.703 1.0	67.0 -11.1 -44.6 46.1 256	0.0 0.233 1.0	0.0 0.686 1.0	65.9 -8.9 -46.5 47.4 259	0.0 0.233 1.0	0.0 0.233 1.0	0.0 0.233 1.0	
261	257	260	0.0 0.675 1.0	65.1 -7.5 -47.6 48.3 261	0.0 0.697 1.0	66.6 -10.4 -45.2 46.5 257	0.0 0.217 1.0	0.0 0.68 1.0	65.5 -8.2 -47.0 47.9 260	0.0 0.217 1.0	0.0 0.217 1.0	0.0 0.217 1.0	
262	258	261	0.0 0.669 1.0	64.7 -6.7 -48.2 48.7 262	0.0 0.692 1.0	66.2 -9.7 -45.9 47.0 258	0.0 0.2 1.0	0.0 0.675 1.0	65.1 -7.5 -47.6 48.3 261	0.0 0.2 1.0	0.0 0.2 1.0	0.0 0.2 1.0	
263	259	262	0.0 0.663 1.0	64.4 -5.9 -48.7 49.2 263	0.0 0.686 1.0	65.9 -8.9 -46.5 47.4 259	0.0 0.183 1.0	0.0 0.669 1.0	64.7 -6.7 -48.2 48.7 262	0.0 0.183 1.0	0.0 0.183 1.0	0.0 0.183 1.0	
264	260	263	0.0 0.658 1.0	64.0 -5.1 -49.3 49.6 264	0.0 0.68 1.0	65.5 -8.2 -47.0 47.9 260	0.0 0.167 1.0	0.0 0.663 1.0	64.4 -5.9 -48.7 49.2 263	0.0 0.167 1.0	0.0 0.167 1.0	0.0 0.167 1.0	
265	261	264	0.0 0.652 1.0	63.6 -4.3 -49.8 50.1 265	0.0 0.675 1.0	65.1 -7.5 -47.6 48.3 261	0.0 0.15 1.0	0.0 0.658 1.0	64.0 -5.1 -49.3 49.6 264	0.0 0.15 1.0	0.0 0.15 1.0	0.0 0.15 1.0	
266	262	264	0.0 0.647 1.0	63.2 -3.4 -50.3 50.5 266	0.0 0.669 1.0	64.7 -6.7 -48.2 48.7 262	0.0 0.133 1.0	0.0 0.658 1.0	64.0 -5.1 -49.3 49.6 264	0.0 0.133 1.0	0.0 0.133 1.0	0.0 0.133 1.0	
267	263	265	0.0 0.641 1.0	62.9 -2.6 -50.8 51.0 267	0.0 0.663 1.0	64.4 -5.9 -48.7 49.2 263	0.0 0.117 1.0	0.0 0.652 1.0	63.6 -4.3 -49.8 50.1 265	0.0 0.117 1.0	0.0 0.117 1.0	0.0 0.117 1.0	
268	264	266	0.0 0.635 1.0	62.5 -1.7 -51.3 51.4 268	0.0 0.658 1.0	64.0 -5.1 -49.3 49.6 264	0.0 0.1 1.0	0.0 0.647 1.0	63.2 -3.4 -50.3 50.5 266	0.0 0.1 1.0	0.0 0.1 1.0	0.0 0.1 1.0	
269	265	267	0.0 0.63 1.0	62.1 -0.8 -51.7 51.8 269	0.0 0.652 1.0	63.6 -4.3 -49.8 50.1 265	0.0 0.083 1.0	0.0 0.641 1.0	62.9 -2.6 -50.8 51.0 267	0.0 0.083 1.0	0.0 0.083 1.0	0.0 0.083 1.0	
270	266	268	0.0 0.624 1.0	61.7 0.0 -52.3 52.4 270	0.0 0.647 1.0	63.2 -3.4 -50.3 50.5 266	0.0 0.067 1.0	0.0 0.635 1.0	62.5 -1.7 -51.3 51.4 268	0.0 0.067 1.0	0.0 0.067 1.0	0.0 0.067 1.0	
271	267	269	0.0 0.615 1.0	61.2 0.9 -53.3 53.4 271	0.0 0.641 1.0	62.9 -2.6 -50.8 51.0 267	0.0 0.05 1.0	0.0 0.63 1.0	62.1 -0.8 -51.7 51.8 269	0.0 0.05 1.0	0.0 0.05 1.0	0.0 0.05 1.0	
272	268	270	0.0 0.607 1.0	60.7 1.9 -54.2 54.4 272	0.0 0.635 1.0	62.5 -1.7 -51.3 51.4 268	0.0 0.033 1.0	0.0 0.624 1.0	61.7 0.0 -52.3 52.4 270	0.0 0.033 1.0	0.0 0.033 1.0	0.0 0.033 1.0	
273	269	271	0.0 0.598 1.0	60.1 2.9 -55.2 55.4 273	0.0 0.63 1.0	62.1 -0.8 -51.7 51.8 269	0.0 0.017 1.0	0.0 0.615 1.0	61.2 0.9 -53.3 53.4 271	0.0 0.017 1.0	0.0 0.017 1.0	0.0 0.017 1.0	
274	270	272	0.0 0.59 1.0	59.6 3.9 -56.1 56.4 274	0.0 0.624 1.0	61.7 0.0 -52.3 52.4 270	0.0 0.0 1.0 <b>1.0B<sub>s</sub></b>	0.0 0.607 1.0	60.7 1.9 -54.2 54.4 272	0.0 0.0 1.0 <b>1.0B<sub>e</sub></b>	0.0 0.0 1.0 <b>1.0B<sub>e</sub></b>	0.0 0.0 1.0 <b>1.0B<sub>e</sub></b>	
275	271	273	0.0 0.581 1.0	59.1 5.0 -57.1 57.4 275	0.0 0.615 1.0	61.2 0.9 -53.3 53.4 271	0.0 0.017 1.0	0.0 0.598 1.0	60.1 2.9 -55.2 55.4 273	0.0 0.017 1.0	0.0 0.017 1.0	0.0 0.017 1.0	
276	272	274	0.0 0.573 1.0	58.5 6.1 -58.0 58.4 276	0.0 0.607 1.0	60.7 1.9 -54.2 54.4 272	0.0 0.033 1.0	0.0 0.59 1.0	59.6 3.9 -56.1 56.4 274	0.0 0.033 1.0	0.0 0.033 1.0	0.0 0.033 1.0	
277	273	275	0.0 0.564 1.0	58.0 7.2 -58.8 59.4 277	0.0 0.598 1.0	60.1 2.9 -55.2 55.4 273	0.0 0.05 1.0	0.0 0.581 1.0	59.1 5.0 -57.1 57.4 275	0.0 0.05 1.0	0.0 0.05 1.0	0.0 0.05 1.0	
278	274	276	0.0 0.556 1.0	57.5 8.4 -59.7 60.4 278	0.0 0.59 1.0	59.6 3.9 -56.1 56.4 274	0.0 0.067 1.0	0.0 0.573 1.0	58.5 6.1 -58.0 58.4 276	0.0 0.067 1.0	0.0 0.067 1.0	0.0 0.067 1.0	
279	275	276	0.0 0.547 1.0	56.9 9.6 -60.5 61.4 279	0.0 0.581 1.0	59.1 5.0 -57.1 57.4 275	0.0 0.083 1.0	0.0 0.573 1.0	58.5 6.1 -58.0 58.4 276	0.0 0.083 1.0	0.0 0.083 1.0	0.0 0.083 1.0	
280	276	277	0.0 0.539 1.0	56.4 10.8 -61.4 62.4 280	0.0 0.573 1.0	58.5 6.1 -58.0 58.4 276	0.1 0.0	0.0 0.564 1.0	58.0 7.2 -58.8 59.4 277	0.1 0.0	0.0 0.564 1.0	0.0 0.564 1.0	
281	277	278	0.0 0.53 1.0	55.8 12.1 -62.1 63.4 281	0.0 0.564 1.0	58.0 7.2 -58.8 59.4 277	0.117 0.0	0.0 0.556 1.0	57.5 8.4 -59.7 60.4 278	0.117 0.0	0.0 0.556 1.0	0.0 0.556 1.0	
282	278	279	0.0 0.522 1.0	55.3 13.4 -62.9 64.4 282	0.0 0.556 1.0	57.5 8.4 -59.7 60.4 278	0.133 0.0	0.0 0.547 1.0	56.9 9.6 -60.5 61.4 279	0.133 0.0	0.0 0.547 1.0	0.0 0.547 1.0	
283	279	280	0.0 0.513 1.0	54.8 14.7 -63.6 65.4 283	0.0 0.547 1.0	56.9 9.6 -60.5 61.4 279	0.15 0.0	0.0 0.539 1.0	56.4 10.8 -61.4 62.4 280	0.15 0.0	0.0 0.539 1.0	0.0 0.539 1.0	
284	280	281	0.0 0.505 1.0	54.2 16.1 -64.3 66.4 284	0.0 0.539 1.0	56.4 10.8 -61.4 62.4 280	0.167 0.0	0.0 0.53 1.0	55.8 12.1 -62.1 63.4 281	0.167 0.0	0.0 0.53 1.0	0.0 0.53 1.0	
285	281	282	0.0 0.494 1.0	53.6 17.5 -65.3 67.7 285	0.0 0.53 1.0	55.8 12.1 -62.1 63.4 281	0.183 0.0	0.0 0.522 1.0	55.3 13.4 -62.9 64.4 282	0.183 0.0	0.0 0.522 1.0	0.0 0.522 1.0	
286	282	283	0.0 0.481 1.0	52.8 19.2 -66.7 69.5 286	0.0 0.522 1.0	55.3 13.4 -62.9 64.4 282	0.2 0.0	0.0 0.513 1.0	54.8 14.7 -63.6 65.4 283	0.2 0.0	0.0 0.513 1.0	0.0 0.513 1.0	
287	283	284	0.0 0.468 1.0	52.1 20.8 -68.1 71.3 287	0.0 0.513 1.0	54.8 14.7 -63.6 65.4 283	0.217 0.0	0.0 0.505 1.0	54.2 16.1 -64.3 66.4 284	0.217 0.0	0.0 0.505 1.0	0.0 0.505 1.0	
288	284	285	0.0 0.454 1.0	51.3 22.6 -69.4 73.1 288	0.0 0.505 1.0	54.2 16.1 -64.3 66.4 284	0.233 0.0	0.0 0.494 1.0	53.6 17.5 -65.3 67.7 285	0.233 0.0	0.0 0.494 1.0	0.0 0.494 1.0	
289	285	286	0.0 0.441 1.0	50.6 24.4 -70.6 74.8 289	0.0 0.494 1.0	53.6 17.5 -65.3 67.7 285	0.25 0.0	0.0 0.481 1.0	52.8 19.2 -66.7 69.5 286	0.25 0.0	0.0 0.481 1.0	0.0 0.481 1.0	
290	286	287	0.0 0.428 1.0	49.8 26.2 -71.9 76.6 290	0.0 0.481 1.0	52.8 19.2 -66.7 69.5 286	0.267 0.0	1.0 0.0	0.468 1.0 52.1 20.8 -68.1 71.3 287	0.267 0.0	1.0 0.0	0.468 1.0 52.1 20.8 -68.1 71.3 287	
291	287	288	0.0 0.414 1.0	49.0 28.1 -73.1 78.4 291	0.0 0.468 1.0	52.1 20.8 -68.1 71.3 287	0.283 0.0	1.0 0.0	0.454 1.0 51.3 22.6 -69.4 73.1 288	0.283 0.0	1.0 0.0	0.454 1.0 51.3 22.6 -69.4 73.1 288	
292	288	289	0.0 0.401 1.0	48.3 30.0 -74.2 80.1 292	0.0 0.454 1.0	51.3 22.6 -69.4 73.1 288	0.3 0.0	1.0 0.0	0.441 1.0 50.6 24.4 -70.6 74.8 289	0.3 0.0	1.0 0.0	0.441 1.0 50.6 24.4 -70.6 74.8 289	
293	289	290	0.0 0.388 1.0	47.5 32.0 -75.3 81.9 293	0.0 0.441 1.0	50.6 24.4 -70.6 74.8 289	0.317 0.0	1.0 0.0	0.428 1.0 49.8 26.2 -71.9 76.6 290	0.317 0.0	1.0 0.0	0.428 1.0 49.8 26.2 -71.9 76.6 290	
294	290	291	0.0 0.374 1.0	46.8 34.1 -76.4 83.7 294	0.0 0.428 1.0	49.8 26.2 -71.9 76.6 290	0.333 0.0	1.0 0.0	0.414 1.0 49.0 28.1 -73.1 78.4 291	0.333 0.0	1.0 0.0	0.414 1.0 49.0 28.1 -73.1 78.4 291	
295	291	292	0.0 0.352 1.0	45.8 36.5 -78.2 86.4 295	0.0 0.414 1.0	49.0 28.1 -73.1 78.4 291	0.35 0.0	1.0 0.0	0.401 1.0 48.3 30.0 -74.2 80.1 292	0.35 0.0	1.0 0.0	0.401 1.0 48.3 30.0 -74.2 80.1 292	
296	292	293	0.0 0.331 1.0	44.8 39.0 -79.9 89.0 296	0.0 0.401 1.0	48.3 30.0 -74.2 80.1 292	0.367 0.0	1.0 0.0	0.388 1.0 47.5 32.0 -75.3 81.9 293	0.367 0.0	1.0 0.0	0.388 1.0 47.5 32.0 -75.3 81.9 293	
297	293	294	0.0 0.31 1.0	43.8 41.6 -81.6 91.7 297	0.0 0.388 1.0	47.5 32.0 -75.3 81.9 293	0.383 0.0	1.0 0.0	0.374 1.0 46.8 34.1 -76.4 83.7 294	0.383 0.0	1.0 0.0	0.374 1.0 46.8 34.1 -76.4 83.7 294	
298	294	294	0.0 0.288 1.0	42.8 44.3 -83.2 94.3 298	0.0 0.374 1.0	46.8 34.1 -76.4 83.7 294	0.4 0.0	1.0 0.0	0.374 1.0 46.8 34.1 -76.4 83.7 294	0.4 0.0	1.0 0.0	0.374 1.0 46.8 34.1 -76.4 83.7 294	
299	295	295	0.0 0.267 1.0	41.8 47.0 -84.7 96.9 299	0.0 0.352 1.0	45.8 36.5 -78.2 86.4 295	0.417 0.0	1.0 0.0	0.352 1.0 45.8 36.5 -78.2 86.4 295	0.417 0.0	1.0 0.0	0.352 1.0 45.8 36.5 -78.2 86.4 295	
300	296	296	0.0 0.242 1.0	40.7 49.9 -86.3 99.7 300	0.0 0.331 1.0	44.8 39.0 -79.9 89.0 296	0.433 0.0	1.0 0.0	0.331 1.0 44.8 39.0 -79.9 89.0 296	0.433 0.0	1.0 0.0	0.331 1.0 44.8 39.0 -79.9 89.0 296	
301	297	297	0.0 0.203 1.0	39.6 53.1 -88.3 103.2 301	0.0 0.31 1.0	43.8 41.6 -81.6 91.7 297	0.45 0.0	1.0 0.0	0.31 1.0 43.8 41.6 -81.6 91.7 297	0.45 0.0	1.0 0.0	0.31 1.0 43.8 41.6 -81.6 91.7 297	
302	298	298	0.0 0.165 1.0	38.4 56.5 -90.3 106.6 302	0.0 0.288 1.0	42.8 44.3 -83.2 94.3 298	0.467 0.0	1.0 0.0	0.288 1.0 42.8 44.3 -83.2 94.3 298	0.467 0.0	1.0 0.0	0.288 1.0 42.8 44.3 -83.2 94.3 298	
303	299	299	0.0 0.126 1.0	37.2 59.9 -92.1 110.0 303	0.0 0.267 1.0	41.8 47.0 -84.7 96.9 299	0.483 0.0	1.0 0.0	0.267 1.0 41.8 47.0 -84.7 96.9 299	0.483 0.0	1.0 0.0	0.267 1.0 41.8 47.0 -84.7 96.9 299	
304	300	300	0.0 0.031 1.0	35.9 63.7 -94.3 113.9 304	<b>B<sub>d</sub></b> 0.0	0.242 1.0 40.7 49.9 -86.3 99.7 300	0.5 0.0	1.0 0.0	0.242 1.0 40.7 49.9 -86.3 99.7 300	0.5 0.0	1.0 0.0	0.242 1.0 40.7 49.9 -86.3 99.7 300	

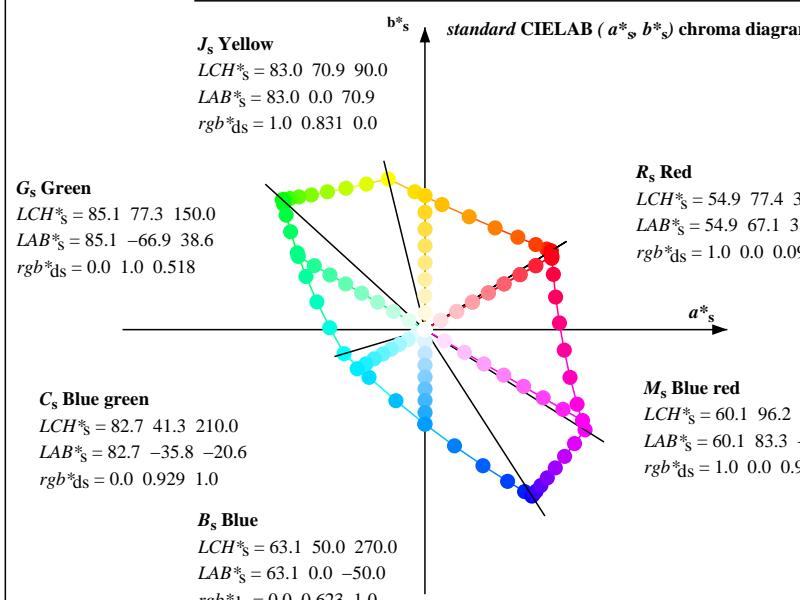
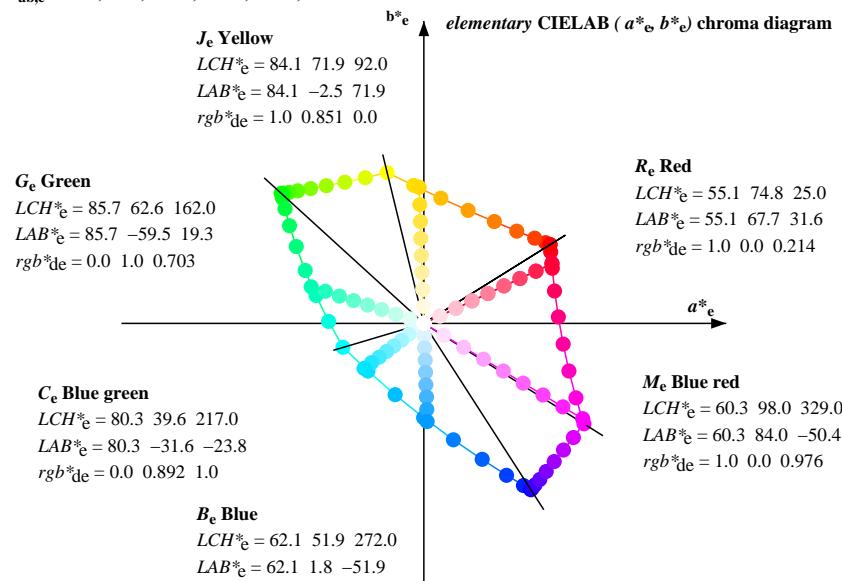
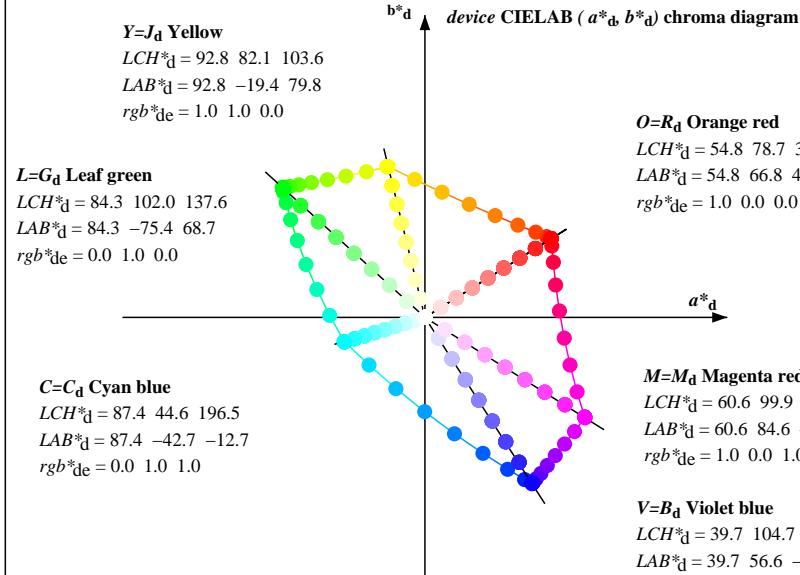
Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours  $s$ :  $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;

Six hue angles of the device colours  $d$ :  $h_{ab,d} = 34.8, 103.3, 136.9, 196.5, 304.3, 328.1$ ; Six hue angles of the elementary colours  $e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$		
304	300	300	0.0 0.031 1.0	35.9 63.7 -94.3	113.9 304	$B_d$	0.0 0.242 1.0	40.7 49.9 -86.3	99.7 300	0.5 0.0 1.0	0.0 0.242 1.0	40.7 49.9 -86.3	99.7 300	0.5 0.0 1.0
305	301	301	0.151 0.0 1.0	36.2 65.7 -93.7	114.5 305	0.0	0.203 1.0	39.6 53.1 -88.3	103.2 301	0.517 0.0 1.0	0.0 0.203 1.0	39.6 53.1 -88.3	103.2 301	0.517 0.0 1.0
306	302	302	0.258 0.0 1.0	37.4 66.8 -91.8	113.6 306	0.0	0.165 1.0	38.4 56.5 -90.3	106.6 302	0.533 0.0 1.0	0.0 0.165 1.0	38.4 56.5 -90.3	106.6 302	0.533 0.0 1.0
307	303	303	0.323 0.0 1.0	38.5 67.9 -89.9	112.7 307	0.0	0.126 1.0	37.2 59.9 -92.1	110.0 303	0.55 0.0 1.0	0.0 0.126 1.0	37.2 59.9 -92.1	110.0 303	0.55 0.0 1.0
308	304	304	0.384 0.0 1.0	39.5 68.9 -88.1	111.9 308	0.0	0.031 1.0	35.9 63.7 -94.3	113.9 304	0.567 0.0 1.0	0.0 0.031 1.0	35.9 63.7 -94.3	113.9 304	0.567 0.0 1.0
309	305	305	0.43 0.0 1.0	40.6 70.0 -86.3	111.2 309	0.0	0.151 0.0 1.0	36.2 65.7 -93.7	114.5 305	0.583 0.0 1.0	0.0 0.151 0.0 1.0	36.2 65.7 -93.7	114.5 305	0.583 0.0 1.0
310	306	306	0.475 0.0 1.0	41.7 71.0 -84.6	110.5 310	0.0	0.258 0.0 1.0	37.4 66.8 -91.8	113.6 306	0.6 0.0 1.0	0.0 0.258 0.0 1.0	37.4 66.8 -91.8	113.6 306	0.6 0.0 1.0
311	307	307	0.516 0.0 1.0	42.7 72.1 -82.8	109.9 311	0.0	0.323 0.0 1.0	38.5 67.9 -89.9	112.7 307	0.617 0.0 1.0	0.0 0.323 0.0 1.0	38.5 67.9 -89.9	112.7 307	0.617 0.0 1.0
312	308	308	0.551 0.0 1.0	43.7 73.2 -81.1	109.3 312	0.0	0.384 0.0 1.0	39.5 68.9 -88.1	111.9 308	0.633 0.0 1.0	0.0 0.384 0.0 1.0	39.5 68.9 -88.1	111.9 308	0.633 0.0 1.0
313	309	309	0.587 0.0 1.0	44.7 74.2 -79.5	108.8 313	0.0	0.43 0.0 1.0	40.6 70.0 -86.3	111.2 309	0.65 0.0 1.0	0.0 0.43 0.0 1.0	40.6 70.0 -86.3	111.2 309	0.65 0.0 1.0
314	310	310	0.622 0.0 1.0	45.7 75.2 -77.7	108.2 314	0.0	0.475 0.0 1.0	41.7 71.0 -84.6	110.5 310	0.667 0.0 1.0	0.0 0.475 0.0 1.0	41.7 71.0 -84.6	110.5 310	0.667 0.0 1.0
315	311	311	0.653 0.0 1.0	46.7 76.2 -76.1	107.8 315	0.0	0.516 0.0 1.0	42.7 72.1 -82.8	109.9 311	0.683 0.0 1.0	0.0 0.516 0.0 1.0	42.7 72.1 -82.8	109.9 311	0.683 0.0 1.0
316	312	312	0.682 0.0 1.0	47.7 77.3 -74.5	107.4 316	0.0	0.551 0.0 1.0	43.7 73.2 -81.1	109.3 312	0.7 0.0 1.0	0.0 0.551 0.0 1.0	43.7 73.2 -81.1	109.3 312	0.7 0.0 1.0
317	313	312	0.712 0.0 1.0	48.6 78.3 -72.9	107.0 317	0.0	0.587 0.0 1.0	44.7 74.2 -79.5	108.8 313	0.717 0.0 1.0	0.0 0.551 0.0 1.0	43.7 73.2 -81.1	109.3 312	0.717 0.0 1.0
318	314	313	0.742 0.0 1.0	49.6 79.3 -71.3	106.6 318	0.0	0.622 0.0 1.0	45.7 75.2 -77.7	108.2 314	0.733 0.0 1.0	0.0 0.587 0.0 1.0	44.7 74.2 -79.5	108.8 313	0.733 0.0 1.0
319	315	314	0.769 0.0 1.0	50.5 80.3 -69.7	106.4 319	0.0	0.653 0.0 1.0	46.7 76.2 -76.1	107.8 315	0.75 0.0 1.0	0.0 0.622 0.0 1.0	45.7 75.2 -77.7	108.2 314	0.75 0.0 1.0
320	316	315	0.796 0.0 1.0	51.5 81.3 -68.1	106.2 320	0.0	0.682 0.0 1.0	47.7 77.3 -74.5	107.4 316	0.767 0.0 1.0	0.0 0.653 0.0 1.0	46.7 76.2 -76.1	107.8 315	0.767 0.0 1.0
321	317	316	0.822 0.0 1.0	52.4 82.3 -66.6	105.9 321	0.0	0.712 0.0 1.0	48.6 78.3 -72.9	107.0 317	0.783 0.0 1.0	0.0 0.682 0.0 1.0	47.7 77.3 -74.5	107.4 316	0.783 0.0 1.0
322	318	317	0.849 0.0 1.0	53.4 83.3 -65.0	105.7 322	0.0	0.742 0.0 1.0	49.6 79.3 -71.3	106.6 318	0.8 0.0 1.0	0.0 0.712 0.0 1.0	48.6 78.3 -72.9	107.0 317	0.8 0.0 1.0
323	319	318	0.875 0.0 1.0	54.3 84.3 -63.4	105.5 323	0.0	0.769 0.0 1.0	50.5 80.3 -69.7	106.4 319	0.817 0.0 1.0	0.0 0.742 0.0 1.0	49.6 79.3 -71.3	106.6 318	0.817 0.0 1.0
324	320	319	0.9 0.0 1.0	55.2 85.3 -61.9	105.5 324	0.0	0.796 0.0 1.0	51.5 81.3 -68.1	106.2 320	0.833 0.0 1.0	0.0 0.769 0.0 1.0	50.5 80.3 -69.7	106.4 319	0.833 0.0 1.0
325	321	320	0.925 0.0 1.0	56.2 86.4 -60.4	105.4 325	0.0	0.822 0.0 1.0	52.4 82.3 -66.6	105.9 321	0.85 0.0 1.0	0.0 0.796 0.0 1.0	51.5 81.3 -68.1	106.2 320	0.85 0.0 1.0
326	322	321	0.949 0.0 1.0	57.1 87.4 -58.8	105.4 326	0.0	0.849 0.0 1.0	53.4 83.3 -65.0	105.7 322	0.867 0.0 1.0	0.0 0.822 0.0 1.0	52.4 82.3 -66.6	105.9 321	0.867 0.0 1.0
327	323	322	0.974 0.0 1.0	58.0 88.3 -57.3	105.3 327	0.0	0.875 0.0 1.0	54.3 84.3 -63.4	105.5 323	0.883 0.0 1.0	0.0 0.849 0.0 1.0	53.4 83.3 -65.0	105.7 322	0.883 0.0 1.0
328	324	323	0.999 0.0 1.0	59.0 89.3 -55.7	105.3 328	$M_d$	0.9 0.0 1.0	55.2 85.3 -61.9	105.5 324	0.9 0.0 1.0	0.0 0.875 0.0 1.0	54.3 84.3 -63.4	105.5 323	0.9 0.0 1.0
329	325	324	1.0 0.0 0.98	58.8 88.8 -53.3	103.6 329	0.0	0.925 0.0 1.0	56.2 86.4 -60.4	105.4 325	0.917 0.0 1.0	0.0 0.9 0.0 1.0	55.2 85.3 -61.9	105.5 324	0.917 0.0 1.0
330	326	325	1.0 0.0 0.959	58.5 88.2 -50.8	101.9 330	0.0	0.949 0.0 1.0	57.1 87.4 -58.8	105.4 326	0.933 0.0 1.0	0.0 0.925 0.0 1.0	56.2 86.4 -60.4	105.4 325	0.933 0.0 1.0
331	327	326	1.0 0.0 0.938	58.2 87.6 -48.4	100.1 331	0.0	0.974 0.0 1.0	58.0 88.3 -57.3	105.3 327	0.95 0.0 1.0	0.0 0.949 0.0 1.0	57.1 87.4 -58.8	105.4 326	0.95 0.0 1.0
332	328	327	1.0 0.0 0.917	58.0 86.8 -46.1	98.3 332	0.0	0.999 0.0 1.0	59.0 89.3 -55.7	105.3 328	0.967 0.0 1.0	0.0 0.974 0.0 1.0	58.0 88.3 -57.3	105.3 327	0.967 0.0 1.0
333	329	328	1.0 0.0 0.896	57.7 86.1 -43.7	96.6 333	0.0	0.998 0.0 1.0	59.8 88.8 -53.3	103.6 329	0.983 0.0 1.0	0.0 0.999 0.0 1.0	59.0 89.3 -55.7	105.3 328	0.983 0.0 1.0
334	330	329	1.0 0.0 0.875	57.5 85.2 -41.5	94.8 334	0.0	1.0 0.0 0.959	58.5 88.2 -50.8	101.9 330	1.0 0.0 1.0	0.0 0.98 0.0 0.98	58.8 88.8 -53.3	103.6 329	1.0 0.0 1.0
335	331	330	1.0 0.0 0.859	57.3 84.9 -39.5	93.7 335	0.0	1.0 0.0 0.938	58.2 87.6 -48.4	100.1 331	1.0 0.0 1.0	0.0 0.959	58.5 88.2 -50.8	101.9 330	1.0 0.0 0.983
336	332	331	1.0 0.0 0.843	57.1 84.5 -37.5	92.5 336	0.0	1.0 0.0 0.917	58.0 86.8 -46.1	98.3 332	1.0 0.0 1.0	0.0 0.938	58.2 87.6 -48.4	100.1 331	1.0 0.0 0.967
337	333	331	1.0 0.0 0.826	57.0 84.1 -35.6	91.4 337	0.0	1.0 0.0 0.896	57.7 86.1 -43.7	96.6 333	1.0 0.0 1.0	0.0 0.938	58.2 87.6 -48.4	100.1 331	1.0 0.0 0.95
338	334	332	1.0 0.0 0.81	56.8 83.6 -33.7	90.2 338	0.0	1.0 0.0 0.875	57.5 85.2 -41.5	94.8 334	1.0 0.0 1.0	0.0 0.917	58.0 86.8 -46.1	98.3 332	1.0 0.0 0.933
339	335	333	1.0 0.0 0.794	56.6 83.2 -31.8	89.1 339	0.0	1.0 0.0 0.859	57.3 84.9 -39.5	93.7 335	1.0 0.0 1.0	0.0 0.917	57.7 86.1 -43.7	96.6 333	1.0 0.0 0.917
340	336	334	1.0 0.0 0.778	56.5 82.6 -30.0	87.9 340	0.0	1.0 0.0 0.843	57.1 84.5 -37.5	92.5 336	1.0 0.0 1.0	0.0 0.9 0.0 0.9875	57.5 85.2 -41.5	94.8 334	1.0 0.0 0.9
341	337	335	1.0 0.0 0.762	56.3 82.0 -28.1	86.8 341	0.0	1.0 0.0 0.826	57.0 84.1 -35.6	91.4 337	1.0 0.0 1.0	0.0 0.883	57.3 84.9 -39.5	93.7 335	1.0 0.0 0.883
342	338	336	1.0 0.0 0.747	56.1 81.5 -26.4	85.7 342	0.0	1.0 0.0 0.81	56.8 83.6 -33.7	90.2 338	1.0 0.0 1.0	0.0 0.867	57.1 84.5 -37.5	92.5 336	1.0 0.0 0.867
343	339	337	1.0 0.0 0.734	56.0 81.3 -24.8	85.1 343	0.0	1.0 0.0 0.794	56.6 83.2 -31.8	89.1 339	1.0 0.0 1.0	0.0 0.85	57.0 84.1 -35.6	91.4 337	1.0 0.0 0.85
344	340	338	1.0 0.0 0.721	55.9 81.1 -23.2	84.4 344	0.0	1.0 0.0 0.778	56.5 82.6 -30.0	87.9 340	1.0 0.0 1.0	0.0 0.833	57.0 84.1 -35.6	91.4 337	1.0 0.0 0.833
345	341	339	1.0 0.0 0.708	55.8 80.9 -21.6	83.7 345	0.0	1.0 0.0 0.762	56.3 82.0 -28.1	86.8 341	1.0 0.0 1.0	0.0 0.817	57.4 83.2 -31.8	89.1 339	1.0 0.0 0.817
346	342	340	1.0 0.0 0.696	55.7 80.6 -20.0	83.0 346	0.0	1.0 0.0 0.747	56.1 81.5 -26.4	85.7 342	1.0 0.0 1.0	0.0 0.778	56.5 82.6 -30.0	87.9 340	1.0 0.0 0.8
347	343	341	1.0 0.0 0.683	55.6 80.3 -18.4	82.4 347	0.0	1.0 0.0 0.734	56.0 81.3 -24.8	85.1 343	1.0 0.0 1.0	0.0 0.783	56.3 82.0 -28.1	86.8 341	1.0 0.0 0.783
348	344	342	1.0 0.0 0.67	55.5 79.9 -16.9	81.7 348	0.0	1.0 0.0 0.721	55.9 81.1 -23.2	84.4 344	1.0 0.0 1.0	0.0 0.767	56.1 81.5 -26.4	85.7 342	1.0 0.0 0.767
349	345	343	1.0 0.0 0.657	55.3 79.5 -15.4	81.0 349	0.0	1.0 0.0 0.708	55.8 80.9 -21.6	83.7 345	1.0 0.0 1.0	0.0 0.75	56.0 81.3 -24.8	85.1 343	1.0 0.0 0.75

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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: $h_{ab,d} = 34.8, 103.3, 136.9, 196.5, 304.3, 328.1$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$													
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddr$	$rgb^*d$	$rgb^*de$
349	345	343	1.0 0.0 0.657	55.3 79.5 -15.4	81.0 349	1.0 0.0 0.708	55.8 80.9 -21.6	83.7 345	1.0 0.0 0.75	1.0 0.0 0.734	56.0 81.3 -24.8	85.1 343	1.0 0.0 0.75
350	346	344	1.0 0.0 0.644	55.2 79.1 -13.9	80.4 350	1.0 0.0 0.696	55.7 80.6 -20.0	83.0 346	1.0 0.0 0.733	1.0 0.0 0.721	55.9 81.1 -23.2	84.4 344	1.0 0.0 0.733
351	347	345	1.0 0.0 0.632	55.1 78.7 -12.4	79.7 351	1.0 0.0 0.683	55.6 80.3 -18.4	82.4 347	1.0 0.0 0.717	1.0 0.0 0.708	55.8 80.9 -21.6	83.7 345	1.0 0.0 0.717
352	348	346	1.0 0.0 0.62 55.0	78.4 -10.9	79.2 352	1.0 0.0 0.67 55.5	79.9 -16.9	81.7 348	1.0 0.0 0.7	1.0 0.0 0.696	55.7 80.6 -20.0	83.0 346	1.0 0.0 0.7
353	349	347	1.0 0.0 0.609	54.9 78.3 -9.5	78.9 353	1.0 0.0 0.657	55.3 79.5 -15.4	81.0 349	1.0 0.0 0.683	1.0 0.0 0.683	55.6 80.3 -18.4	82.4 347	1.0 0.0 0.683
354	350	348	1.0 0.0 0.598	54.9 78.2 -8.1	78.6 354	1.0 0.0 0.644	55.2 79.1 -13.9	80.4 350	1.0 0.0 0.667	1.0 0.0 0.67	55.5 79.9 -16.9	81.7 348	1.0 0.0 0.667
355	351	349	1.0 0.0 0.587	54.8 78.0 -6.7	78.3 355	1.0 0.0 0.632	55.1 78.7 -12.4	79.7 351	1.0 0.0 0.65	1.0 0.0 0.657	55.3 79.5 -15.4	81.0 349	1.0 0.0 0.65
356	352	349	1.0 0.0 0.576	54.7 77.8 -5.3	78.0 356	1.0 0.0 0.62 55.0	78.4 -10.9	79.2 352	1.0 0.0 0.633	1.0 0.0 0.657	55.3 79.5 -15.4	81.0 349	1.0 0.0 0.633
357	353	350	1.0 0.0 0.565	54.6 77.6 -4.0	77.7 357	1.0 0.0 0.609	54.9 78.3 -9.5	78.9 353	1.0 0.0 0.617	1.0 0.0 0.644	55.2 79.1 -13.9	80.4 350	1.0 0.0 0.617
358	354	351	1.0 0.0 0.554	54.6 77.4 -2.6	77.4 358	1.0 0.0 0.598	54.9 78.2 -8.1	78.6 354	1.0 0.0 0.6	1.0 0.0 0.632	55.1 78.7 -12.4	79.7 351	1.0 0.0 0.6
359	355	352	1.0 0.0 0.543	54.5 77.1 -1.2	77.2 359	1.0 0.0 0.587	54.8 78.0 -6.7	78.3 355	1.0 0.0 0.583	1.0 0.0 0.62	55.0 78.4 -10.9	79.2 352	1.0 0.0 0.583
0	356	353	1.0 0.0 0.532	54.4 76.9 0.0	76.9 0	1.0 0.0 0.576	54.7 77.8 -5.3	78.0 356	1.0 0.0 0.567	1.0 0.0 0.609	54.9 78.3 -9.5	78.9 353	1.0 0.0 0.567
1	357	354	1.0 0.0 0.521	54.3 76.6 1.3	76.6 1	1.0 0.0 0.565	54.6 77.6 -4.0	77.7 357	1.0 0.0 0.55	1.0 0.0 0.598	54.9 78.2 -8.1	78.6 354	1.0 0.0 0.55
2	358	355	1.0 0.0 0.51 54.3	76.2 2.7	76.3 2	1.0 0.0 0.554	54.6 77.4 -2.6	77.4 358	1.0 0.0 0.533	1.0 0.0 0.587	54.8 78.0 -6.7	78.3 355	1.0 0.0 0.533
3	359	356	1.0 0.0 0.499	54.2 75.9 4.0	76.0 3	1.0 0.0 0.543	54.5 77.1 -1.2	77.2 359	1.0 0.0 0.517	1.0 0.0 0.576	54.7 77.8 -5.3	78.0 356	1.0 0.0 0.517
4	360	357	1.0 0.0 0.488	54.1 75.9 5.3	76.1 4	1.0 0.0 0.532	54.4 77.0 0.0	76.9 0	1.0 0.0 0.5	1.0 0.0 0.565	54.6 77.6 -4.0	77.7 357	1.0 0.0 0.5
5	361	358	1.0 0.0 0.477	54.1 75.8 6.6	76.1 5	1.0 0.0 0.521	54.3 76.6 1.3	76.6 1	1.0 0.0 0.483	1.0 0.0 0.554	54.6 77.4 -2.6	77.4 358	1.0 0.0 0.483
6	362	359	1.0 0.0 0.466	54.0 75.7 8.0	76.1 6	1.0 0.0 0.51 54.3	76.2 2.7	76.3 2	1.0 0.0 0.467	1.0 0.0 0.543	54.5 77.1 -1.2	77.2 359	1.0 0.0 0.467
7	363	360	1.0 0.0 0.456	54.0 75.6 9.3	76.2 7	1.0 0.0 0.499	54.2 75.9 4.0	76.0 3	1.0 0.0 0.45	1.0 0.0 0.532	54.4 76.9 0.0	76.9 0	1.0 0.0 0.45
8	364	361	1.0 0.0 0.445	53.9 75.5 10.6	76.2 8	1.0 0.0 0.488	54.1 75.9 5.3	76.1 4	1.0 0.0 0.433	1.0 0.0 0.521	54.3 76.6 1.3	76.6 1	1.0 0.0 0.433
9	365	362	1.0 0.0 0.434	53.8 75.3 11.9	76.3 9	1.0 0.0 0.477	54.1 75.8 6.6	76.1 5	1.0 0.0 0.417	1.0 0.0 0.51	54.3 76.2 2.7	76.3 2	1.0 0.0 0.417
10	366	363	1.0 0.0 0.424	53.8 75.1 13.2	76.3 10	1.0 0.0 0.466	54.0 75.7 8.0	76.1 6	1.0 0.0 0.4	1.0 0.0 0.499	54.2 75.9 4.0	76.0 3	1.0 0.0 0.4
11	367	364	1.0 0.0 0.413	53.7 74.9 14.6	76.3 11	1.0 0.0 0.456	54.0 75.6 9.3	76.2 7	1.0 0.0 0.383	1.0 0.0 0.488	54.1 75.9 5.3	76.1 4	1.0 0.0 0.383
12	368	365	1.0 0.0 0.402	53.7 74.7 15.9	76.4 12	1.0 0.0 0.445	53.9 75.5 10.6	76.2 8	1.0 0.0 0.367	1.0 0.0 0.477	54.1 75.8 6.6	76.1 5	1.0 0.0 0.367
13	369	366	1.0 0.0 0.391	53.6 74.4 17.2	76.4 13	1.0 0.0 0.434	53.8 75.3 11.9	76.3 9	1.0 0.0 0.35	1.0 0.0 0.466	54.0 75.7 8.0	76.1 6	1.0 0.0 0.35
14	370	367	1.0 0.0 0.381	53.6 74.2 18.5	76.4 14	1.0 0.0 0.424	53.8 75.1 13.2	76.3 10	1.0 0.0 0.333	1.0 0.0 0.456	54.0 75.6 9.3	76.2 7	1.0 0.0 0.333
15	371	367	1.0 0.0 0.369	53.5 74.0 19.8	76.6 15	1.0 0.0 0.413	53.7 74.9 14.6	76.3 11	1.0 0.0 0.317	1.0 0.0 0.456	54.0 75.6 9.3	76.2 7	1.0 0.0 0.317
16	372	368	1.0 0.0 0.357	53.5 74.0 21.2	77.0 16	1.0 0.0 0.402	53.7 74.7 15.9	76.4 12	1.0 0.0 0.3	1.0 0.0 0.445	53.9 75.5 10.6	76.2 8	1.0 0.0 0.3
17	373	369	1.0 0.0 0.345	53.4 73.9 22.6	77.3 17	1.0 0.0 0.391	53.6 74.4 17.2	76.4 13	1.0 0.0 0.283	1.0 0.0 0.434	53.8 75.3 11.9	76.3 9	1.0 0.0 0.283
18	374	370	1.0 0.0 0.332	53.4 73.9 24.0	77.7 18	1.0 0.0 0.381	53.6 74.2 18.5	76.4 14	1.0 0.0 0.267	1.0 0.0 0.424	53.8 75.1 13.2	76.3 10	1.0 0.0 0.267
19	375	371	1.0 0.0 0.32 53.3	73.8 25.4	78.0 19	1.0 0.0 0.369	53.5 74.0 19.8	76.6 15	1.0 0.0 0.25	1.0 0.0 0.413	53.7 74.9 14.6	76.3 11	1.0 0.0 0.25
20	376	372	1.0 0.0 0.308	53.3 73.6 26.8	78.4 20	1.0 0.0 0.357	53.5 74.0 21.2	77.0 16	1.0 0.0 0.233	1.0 0.0 0.402	53.7 74.7 15.9	76.4 12	1.0 0.0 0.233
21	377	373	1.0 0.0 0.296	53.3 73.5 28.2	78.7 21	1.0 0.0 0.345	53.4 73.9 22.6	77.3 17	1.0 0.0 0.217	1.0 0.0 0.391	53.6 74.4 17.2	76.4 13	1.0 0.0 0.217
22	378	374	1.0 0.0 0.283	53.2 73.3 29.6	79.1 22	1.0 0.0 0.332	53.4 73.9 24.0	77.7 18	1.0 0.0 0.2	1.0 0.0 0.381	53.6 74.2 18.5	76.4 14	1.0 0.0 0.2
23	379	375	1.0 0.0 0.271	53.2 73.1 31.0	79.4 23	1.0 0.0 0.32 53.3	73.8 25.4	78.0 19	1.0 0.0 0.183	1.0 0.0 0.369	53.5 74.0 19.8	76.6 15	1.0 0.0 0.183
24	380	376	1.0 0.0 0.259	53.1 72.9 32.4	79.8 24	1.0 0.0 0.308	53.3 73.6 26.8	78.4 20	1.0 0.0 0.167	1.0 0.0 0.357	53.5 74.0 21.2	77.0 16	1.0 0.0 0.167
25	381	377	1.0 0.0 0.245	53.1 72.7 33.9	80.2 25	1.0 0.0 0.296	53.3 73.5 28.2	78.7 21	1.0 0.0 0.15	1.0 0.0 0.345	53.4 73.9 22.6	77.3 17	1.0 0.0 0.15
26	382	378	1.0 0.0 0.227	53.1 72.7 35.4	80.9 26	1.0 0.0 0.283	53.2 73.3 29.6	79.1 22	1.0 0.0 0.133	1.0 0.0 0.332	53.4 73.9 24.0	77.7 18	1.0 0.0 0.133
27	383	379	1.0 0.0 0.209	53.0 72.6 37.0	81.5 27	1.0 0.0 0.271	53.2 73.1 31.0	79.4 23	1.0 0.0 0.117	1.0 0.0 0.32	53.3 73.8 25.4	78.0 19	1.0 0.0 0.117
28	384	380	1.0 0.0 0.191	53.0 72.5 38.6	82.2 28	1.0 0.0 0.259	53.1 72.9 32.4	79.8 24	1.0 0.0 0.1	1.0 0.0 0.308	53.3 73.6 26.8	78.4 20	1.0 0.0 0.1
29	385	381	1.0 0.0 0.173	52.9 72.4 40.1	82.8 29	1.0 0.0 0.245	53.1 72.7 33.9	80.2 25	1.0 0.0 0.083	1.0 0.0 0.296	53.3 73.5 28.2	78.7 21	1.0 0.0 0.083
30	386	382	1.0 0.0 0.155	52.9 72.3 41.7	83.5 30	1.0 0.0 0.227	53.1 72.7 35.4	80.9 26	1.0 0.0 0.067	1.0 0.0 0.283	53.2 73.3 29.6	79.1 22	1.0 0.0 0.067
31	387	383	1.0 0.0 0.137	52.9 72.1 43.3	84.1 31	1.0 0.0 0.209	53.0 72.6 37.0	81.5 27	1.0 0.0 0.05	1.0 0.0 0.271	53.2 73.1 31.0	79.4 23	1.0 0.0 0.05
32	388	384	1.0 0.0 0.113	52.8 71.9 45.0	84.8 32	1.0 0.0 0.191	53.0 72.5 38.6	82.2 28	1.0 0.0 0.033	1.0 0.0 0.259	53.1 72.9 32.4	79.8 24	1.0 0.0 0.033
33	389	385	1.0 0.0 0.073	52.8 71.8 48.4	86.6 34	1.0 0.0 0.173	52.9 72.4 40.1	82.8 29	1.0 0.0 0.017	1.0 0.0 0.245	53.1 72.7 33.9	80.2 25	1.0 0.0 0.017
34	390	385	1.0 0.0 0.033	52.8 71.8 48.4	86.6 34	1.0 0.0 0.155	52.9 72.3 41.7	83.5 30	1.0 0.0 0.0R <sub>d</sub>	1.0 0.0 0.245	53.1 72.7 33.9	80.2 25	1.0 0.0 0.0R <sub>e</sub>

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours s:  $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ; Six hue angles of the device colours d:  $h_{ab,d} = 31.9, 103.7, 137.6, 196.6, 302.8, 327.9$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$



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

- For the  $rgb^{*d}$ -input values the CIELAB data  $LCH^*_d$  and  $LAB^*_d$  have been calculated.
- For the calculation of the standard hue angle  $h_{ab,s}$  use for any device values  $rgb^{*d}$  the equation:  

$$h_{ab,s} = atan [ r^*_d \cos(30) + g^*_d \cos(150) ] / [ r^*_d \sin(30) + g^*_d \sin(150) + b^*_d \sin(270) ] \quad (1)$$
- For the 48 or 360 equally spaced standard hue angles  $h_{ab,s}$  of the colours of maximum chroma use the seven hue angles of the 60 degree colours s:  $h_{ab,si} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$  (i=0,6) and the equations for a 48 and 360 step hue circle:  

$$h_{48ab,ij} = h_{ab,si} + j [ h_{ab,si+1} - h_{ab,si} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$
  

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

$$h_{48ab,ij} = h_{ab,ei} + j [ h_{ab,ei+1} - h_{ab,ei} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$
  

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

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours s:  $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;

Six hue angles of the device colours d:  $h_{ab,d} = 31.9, 103.7, 137.6, 196.6, 302.8, 327.9$ ; 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)	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
31.9	30.0	25.5	1.0 0.0 0.0	54.9 66.9 41.7 78.8 31.9	1.0 0.0 0.093	54.9 67.1 38.7 77.5 30	1.0 0.0 0.0	1.0 0.0 0.214	55.1 67.8 31.6 74.8 25	1.0 0.0 0.0			
33.5	37.5	33.8	1.0 0.125 0.0	55.7 64.4 42.7 77.3 33.5	1.0 0.258 0.0	58.1 58.0 45.3 73.6 38	1.0 0.125 0.0	1.0 0.14 0.0	56.0 63.7 43.0 76.9 34	1.0 0.125 0.0			
37.5	45.0	42.2	1.0 0.25 0.0	57.9 58.6 45.0 73.9 37.5	1.0 0.378 0.0	61.5 49.0 49.0 69.3 45	1.0 0.25 0.0	1.0 0.327 0.0	60.1 52.8 47.6 71.1 42	1.0 0.25 0.0			
44.8	52.5	50.5	1.0 0.375 0.0	61.4 49.3 48.8 69.4 44.8	1.0 0.472 0.0	65.1 39.9 53.0 66.3 53	1.0 0.375 0.0	1.0 0.448 0.0	64.2 42.2 52.1 67.1 51	1.0 0.375 0.0			
55.4	60.0	58.9	1.0 0.5 0.0	66.2 37.2 53.9 65.5 55.4	1.0 0.544 0.0	68.2 32.5 56.3 65.0 60	1.0 0.5 0.0	1.0 0.534 0.0	67.8 33.5 55.8 65.1 59	1.0 0.5 0.0			
68.5	67.5	67.2	1.0 0.625 0.0	72.0 23.5 59.8 64.2 68.5	1.0 0.62 0.0	71.7 24.1 59.6 64.3 68	1.0 0.625 0.0	1.0 0.61 0.0	71.3 25.2 59.3 64.4 67	1.0 0.625 0.0			
82.2	75.0	75.6	1.0 0.75 0.0	78.5 9.1 66.2 66.8 82.2	1.0 0.684 0.0	75.0 16.9 63.2 65.4 75	1.0 0.75 0.0	1.0 0.693 0.0	75.5 15.9 63.7 65.6 76	1.0 0.75 0.0			
94.2	82.5	84.0	1.0 0.875 0.0	85.5 -5.3 72.9 73.1 94.2	1.0 0.758 0.0	78.9 8.2 66.7 67.2 83	1.0 0.875 0.0	1.0 0.769 0.0	79.5 7.1 67.4 67.8 84	1.0 0.875 0.0			
103.7	90.0	92.3	1.0 1.0 0.0	92.8 -19.3 79.8 82.1 103.7	1.0 0.831 0.0	83.0 0.0 70.9 70.9 90	1.0 1.0 0.0	1.0 0.852 0.0	84.2 -2.4 71.9 72.0 92	1.0 1.0 0.0			
111.8	97.5	101.1	1.0 0.875 0.0	90.7 -30.8 77.1 83.1 111.8	1.0 0.925 0.0	88.4 -10.6 76.0 76.7 98	1.0 0.875 0.0	1.0 0.965 0.0	90.7 -15.1 78.1 79.6 101	1.0 0.875 0.0			
119.2	105.0	109.8	0.75 1.0 0.0	89.0 -41.6 74.8 85.6 119.2	0.98 1.0 0.0	92.5 -21.2 79.5 82.3 105	0.75 1.0 0.0	0.903 1.0 0.0	91.2 -28.2 77.9 82.9 110	0.75 1.0 0.0			
125.3	112.5	118.5	0.625 1.0 0.0	87.5 -51.5 72.9 89.3 125.3	0.855 1.0 0.0	90.5 -32.5 76.9 83.5 113	0.625 1.0 0.0	0.753 1.0 0.0	89.0 -41.4 74.9 85.6 119	0.625 1.0 0.0			
130.1	120.0	127.3	0.5 1.0 0.0	86.3 -59.9 71.3 93.2 130.1	0.733 1.0 0.0	88.8 -43.0 74.6 86.1 120	0.5 1.0 0.0	0.58 1.0 0.0	87.1 -54.5 72.4 90.7 127	0.5 1.0 0.0			
133.6	127.5	136.0	0.375 1.0 0.0	85.4 -66.6 70.2 96.8 133.6	0.554 1.0 0.0	86.8 -56.2 72.1 91.5 128	0.375 1.0 0.0	0.237 1.0 0.0	84.8 -71.7 69.3 99.8 136	0.375 1.0 0.0			
135.9	135.0	144.7	0.25 1.0 0.0	84.8 -71.4 69.4 99.6 135.9	0.297 1.0 0.0	85.1 -69.6 69.7 98.6 135	0.25 1.0 0.0	0.0 1.0	0.402 84.8 -70.3 49.3 86.0	0.25 1.0 0.0			
137.1	142.5	153.5	0.125 1.0 0.0	84.5 -74.2 68.9 101.4 137.1	0.1 0.342 84.7	-71.7 54.1 89.9 143	0.125 1.0 0.0	0.0 1.0	0.572 85.3 -65.0 33.2 73.0	0.125 1.0 0.0			
137.6	150.0	162.2	0.0 1.0 0.0	84.4 -75.3 68.8 102.1 137.6	0.0 1.0	0.519 85.1 -66.9 38.7 77.3	0.150 0.0 1.0	0.0 1.0	0.704 85.8 -59.4 19.3 62.6	0.0 1.0			
138.5	157.5	169.1	0.0 1.0 0.125	84.4 -74.8 66.3 100.0 138.5	0.0 1.0	0.652 85.6 -61.8 25.0 66.7	0.158 0.0 1.0	0.125 0.0	0.782 86.1 -55.6 10.8 56.7	0.0 1.0	0.125		
140.5	165.0	175.9	0.0 1.0 0.25	84.5 -73.4 60.6 95.3 140.5	0.0 1.0	0.743 85.9 -57.4 15.4 59.5	0.165 0.0 1.0	0.25 0.0	0.848 86.5 -52.0 3.6 52.2	0.0 1.0	0.25		
143.9	172.5	182.8	0.0 1.0 0.375	84.7 -71.0 51.8 87.9 143.9	0.0 1.0	0.82 86.3 -53.6 6.6 54.1	0.173 0.0 1.0	0.375 0.0	0.904 86.8 -48.8 -2.5 49.0	0.0 1.0	0.375		
149.0	180.0	189.6	0.0 1.0 0.5	85.0 -67.4 40.6 78.8 149.0	0.0 1.0	0.883 86.7 -49.9 0.0 50.0	0.180 0.0 1.0	0.5 0.0	0.954 87.1 -45.9 -8.0 46.7	0.0 1.0	0.5		
155.9	187.5	196.4	0.0 1.0 0.625	85.5 -62.7 28.1 68.8 155.9	0.0 1.0	0.94 87.0 -46.8 -6.5 47.4	0.188 0.0 1.0	0.625 0.0	0.996 87.4 -43.0 -12.2 44.8	0.0 1.0	0.625		
165.6	195.0	203.3	0.0 1.0 0.75	86.0 -57.0 14.7 58.9 165.6	0.0 1.0	0.989 87.3 -43.5 -11.6 45.1	0.195 0.0 1.0	0.75 0.0	0.966 1.0 85.2 -39.5 -16.7 43.0	0.0 1.0	0.75		
178.8	202.5	210.1	0.0 1.0 0.875	86.6 -50.2 1.0 50.4 178.8	0.0 0.966 1.0	85.2 -39.5 -16.7 43.0 203	0.0 1.0	0.875 0.0	0.93 1.0 82.8 -35.7 -20.6 41.3	0.0 1.0	0.875		
196.6	210.0	217.0	0.0 1.0 1.0	87.4 -42.6 -12.6 44.6 196.6	0.0 0.93 1.0	82.8 -35.7 -20.6 41.3 210	0.0 1.0	0.893 1.0 80.4 -31.6 -23.8 39.6	0.0 1.0	1.0 1.0			
220.4	217.5	223.8	0.0 0.875 1.0	79.2 -29.4 -25.1 38.8 220.4	0.0 0.888 1.0	80.0 -30.9 -24.2 39.4 218	0.0 0.875 1.0	0.859 1.0 78.1 -28.0 -27.0 39.0	0.0 1.0	0.875 1.0			
247.9	225.0	230.7	0.0 0.75 1.0	71.1 -15.2 -37.5 40.6 247.9	0.0 0.854 1.0	77.8 -27.6 -27.6 39.1 225	0.0 0.75 1.0	0.827 1.0 76.1 -24.8 -30.6 39.5	0.0 1.0	0.75 1.0			
269.9	232.5	237.5	0.0 0.625 1.0	63.3 0.0 -49.8 49.9 269.9	0.0 0.818 1.0	75.5 -23.8 -31.6 39.6 233	0.0 0.625 1.0	0.795 1.0 74.0 -21.1 -33.8 40.0	0.0 1.0	0.625 1.0			
284.2	240.0	244.4	0.0 0.5 1.0	55.9 15.5 -61.5 63.5 284.2	0.0 0.786 1.0	73.4 -20.0 -34.6 40.1 240	0.0 0.5 1.0	0.768 1.0 72.2 -17.6 -36.2 40.4	0.0 1.0	0.5 1.0			
293.1	247.5	251.2	0.0 0.375 1.0	49.5 30.8 -71.9 78.3 293.1	0.0 0.749 1.0	71.0 -15.1 -37.6 40.7 248	0.0 0.375 1.0	0.732 1.0 70.0 -13.6 -39.6 41.9	0.0 1.0	0.375 1.0			
298.6	255.0	258.0	0.0 0.25 1.0	44.4 43.8 -80.2 91.5 298.6	0.0 0.709 1.0	68.5 -11.2 -42.0 43.6 255	0.0 0.25 1.0	0.692 1.0 67.5 -9.2 -43.8 44.9	0.0 1.0	0.25 1.0			
301.6	262.5	264.9	0.0 0.125 1.0	41.1 52.7 -85.6 100.7 301.6	0.0 0.664 1.0	65.7 -5.6 -46.6 47.0 263	0.0 0.125 1.0	0.653 1.0 65.0 -4.1 -47.6 47.9	0.0 1.0	0.125 1.0			
302.8	270.0	271.7	0.0 0.0 1.0	39.7 56.7 -87.9 104.7 302.8	0.0 0.624 1.0	63.2 0.0 -49.9 50.0 270	0.0 0.0 1.0	0.606 1.0 62.2 1.8 -51.8 51.9	0.0 1.0	0.0 1.0			
303.3	277.5	278.8	0.125 0.0 1.0	40.1 57.3 -87.2 104.4 303.3	0.0 0.554 1.0	59.1 8.0 -57.0 57.6 278	0.125 0.0 1.0	0.545 1.0 58.6 9.2 -57.8 58.6	0.0 1.0	0.125 0.0			
304.5	285.0	286.0	0.25 0.0 1.0	41.2 58.8 -85.5 103.8 304.5	0.0 0.489 1.0	55.4 16.8 -62.5 64.8 285	0.25 0.0 1.0	0.475 1.0 54.6 18.3 -63.8 66.5	0.0 1.0	0.25 0.0			
306.6	292.5	293.1	0.375 0.0 1.0	43.0 61.3 -82.5 102.8 306.6	0.0 0.377 1.0	49.6 30.5 -71.7 78.0 293	0.375 0.0 1.0	0.377 1.0 49.6 30.5 -71.7 78.0	0.0 1.0	0.375 0.0			
309.6	300.0	300.2	0.5 0.0 1.0	45.5 64.8 -78.3 101.7 309.6	0.0 0.192 1.0	42.9 47.9 -82.8 95.7 300	0.5 0.0 1.0	0.192 1.0 42.9 47.9 -82.8 95.7	0.0 1.0	0.5 0.0			
313.3	307.5	307.3	0.625 0.0 1.0	48.6 69.0 -73.0 100.5 313.3	0.0 0.434 1.0	44.1 63.0 -80.5 102.3 308	0.625 0.0 1.0	0.392 0.0 43.3 61.8 -81.9 102.7 307	0.0 1.0	0.625 0.0			
317.8	315.0	314.4	0.75 0.0 1.0	52.2 73.8 -66.9 99.7 317.8	0.0 0.672 0.0	50.0 70.9 -70.8 100.2 315	0.75 0.0 1.0	0.644 0.0 49.1 69.8 -72.1 100.4 314	0.75 0.0 1.0	0.75 0.0			
322.7	322.5	321.5	0.875 0.0 1.0	56.3 79.1 -60.2 99.5 322.7	0.0 0.883 0.0	56.6 79.4 -59.8 99.5 323	0.875 0.0 1.0	0.833 0.0 54.9 77.4 -62.5 99.5 321	0.875 0.0 1.0	0.875 0.0			
327.9	330.0	328.6	1.0 0.0 0.0	60.6 84.6 -53.0 99.9 327.9	1.0 0.0	0.956 60.1 83.4 -48.0 96.3 330	1.0 0.0 0.0	1.0 0.0 0.977 60.4 84.0 -50.4 98.0 329	1.0 0.0 0.0	1.0 0.0			
333.9	337.5	335.7	1.0 0.0 0.875	59.2 80.5 -39.3 89.6 333.9	1.0 0.0	0.81 58.6 78.9 -31.8 85.1 338	1.0 0.0 0.875	1.0 0.0 0.842 58.9 79.7 -35.4 87.3 336	1.0 0.0 0.875	1.0 0.0			
341.8	345.0	342.8	1.0 0.0 0.75	58.0 76.8 -25.2 80.8 341.8	1.0 0.0	0.709 57.7 76.1 -20.3 78.8 345	1.0 0.0 0.75	1.0 0.0 0.735 57.9 76.6 -23.3 80.1 343	1.0 0.0 0.75	1.0 0.0			
351.6	352.5	349.9	1.0 0.0 0.625	57.0 73.7 -10.8 74.5 351.6	1.0 0.0	0.609 56.9 73.5 -8.9 74.1 353	1.0 0.0 0.625	1.0 0.0 0.645 57.1 74.4 -13.0 75.5 350	1.0 0.0 0.625	1.0 0.0			
362.8	360.0	357.0	1.0 0.0 0.5	56.2 71.1 3.5 71.2 362.8	1.0 0.0	0.531 56.4 72.0 0.0 72.0 0	1.0 0.0 0.5	1.0 0.0 0.565 56.6 72.8 -3.7 72.9 357	1.0 0.0 0.5	1.0 0.0			
374.0	367.5	364.2	1.0 0.0 0.375	55.6 69.2 17.2 71.3 374.0	1.0 0.0	0.442 55.9 70.6 9.9 71.3 8	1.0 0.0 0.375	1.0 0.0 0.487 56.1 71.1 5.0 71.2 4	1.0 0.0 0.375	1.0 0.0			
383.3	375.0	371.3	1.0 0.0 0.25	55.2 67.9 29.2 73.9 383.3	1.0 0.0	0.361 55.5 69.2 18.5 71.6 15	1.0 0.0 0.25	1.0 0.0 0.408 55.7 70.0 13.6 71.3 11	1.0 0.0 0.25	1.0 0.0			
389.3	382.5	378.4	1.0 0.0 0.125	55.0 67.2 37.7 77.0 389.3	1.0 0.0	0.254 55.2 68.0 28.9 73.8 23	1.0 0.0 0.125	1.0 0.0 0.321 55.4 68.9 22.4 72.4 18	1.0 0.0 0.125	1.0 0.0			
391.9	390.0	385.5	1.0 0.0 0.0	54.9 66.9 41.7 78.8 391.9	1.0 0.0	0.093 54.9 67.1 38.7 77.5 30	1.0 0.0 0.0	1.0 0.0 0.214 55.1 67.8 31.6 74.8 25	1.0 0.0 0.0	1.0 0.0			

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ; Six hue angles of the device colours d: $h_{ab,d} = 31.9, 103.7, 137.6, 196.6, 302.8, 327.9$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$													
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
31	30	25	1.0 0.0 0.045	54.9 67.0 40.3	78.2 31 $R_d$	1.0 0.0 0.093	54.9 67.1 38.7	77.5 30	1.0 0.0 0.0 $R_s$	1.0 0.0 0.214	55.1 67.8 31.6	74.8 25	1.0 0.0 0.0 $R_e$
32	31	27	1.0 0.004 0.0	54.9 66.8 41.7	78.7 32	1.0 0.0 0.045	54.9 67.0 40.3	78.2 31	1.0 0.017 0.0	1.0 0.0 0.173	55.0 67.6 34.4	75.8 27	1.0 0.017 0.0
33	32	28	1.0 0.084 0.0	55.5 65.2 42.4	77.8 33	1.0 0.004 0.0	54.9 66.8 41.7	78.7 32	1.0 0.033 0.0	1.0 0.0 0.153	55.0 67.4 35.8	76.3 28	1.0 0.033 0.0
34	33	29	1.0 0.14 0.0	56.0 63.7 43.0	76.9 34	1.0 0.084 0.0	55.5 65.2 42.4	77.8 33	1.0 0.05 0.0	1.0 0.0 0.132	55.0 67.2 37.3	76.9 29	1.0 0.05 0.0
35	34	30	1.0 0.171 0.0	56.5 62.3 43.6	76.0 35	1.0 0.14 0.0	56.0 63.7 43.0	76.9 34	1.0 0.067 0.0	1.0 0.0 0.093	54.9 67.1 38.7	77.5 30	1.0 0.067 0.0
36	35	31	1.0 0.202 0.0	57.1 60.8 44.2	75.2 36	1.0 0.171 0.0	56.5 62.3 43.6	76.0 35	1.0 0.083 0.0	1.0 0.0 0.045	54.9 67.0 40.3	78.2 31	1.0 0.083 0.0
37	36	32	1.0 0.233 0.0	57.6 59.4 44.7	74.3 37	1.0 0.202 0.0	57.1 60.8 44.2	75.2 36	1.0 0.1 0.0	1.0 0.004 0.0	54.9 66.8 41.7	78.7 32	1.0 0.1 0.0
38	37	33	1.0 0.258 0.0	58.1 58.0 45.3	73.6 38	1.0 0.233 0.0	57.6 59.4 44.7	74.3 37	1.0 0.117 0.0	1.0 0.084 0.0	55.5 65.2 42.4	77.8 33	1.0 0.117 0.0
39	38	34	1.0 0.275 0.0	58.6 56.7 45.9	73.0 39	1.0 0.258 0.0	58.1 58.0 45.3	73.6 38	1.0 0.133 0.0	1.0 0.14 0.0	56.0 63.7 43.0	76.9 34	1.0 0.133 0.0
40	39	36	1.0 0.293 0.0	59.1 55.4 46.5	72.3 40	1.0 0.275 0.0	58.6 56.7 45.9	73.0 39	1.0 0.15 0.0	1.0 0.202 0.0	57.1 60.8 44.2	75.2 36	1.0 0.15 0.0
41	40	37	1.0 0.31 0.0	59.6 54.1 47.1	71.7 41	1.0 0.293 0.0	59.1 55.4 46.5	72.3 40	1.0 0.167 0.0	1.0 0.233 0.0	57.6 59.4 44.7	74.3 37	1.0 0.167 0.0
42	41	38	1.0 0.327 0.0	60.1 52.8 47.6	71.1 42	1.0 0.31 0.0	59.6 54.1 47.1	71.7 41	1.0 0.183 0.0	1.0 0.258 0.0	58.1 58.0 45.3	73.6 38	1.0 0.183 0.0
43	42	39	1.0 0.344 0.0	60.6 51.5 48.1	70.5 43	1.0 0.327 0.0	60.1 52.8 47.6	71.1 42	1.0 0.2 0.0	1.0 0.275 0.0	58.6 56.7 45.9	73.0 39	1.0 0.2 0.0
44	43	40	1.0 0.362 0.0	61.1 50.2 48.5	69.8 44	1.0 0.344 0.0	60.6 51.5 48.1	70.5 43	1.0 0.217 0.0	1.0 0.293 0.0	59.1 55.4 46.5	72.3 40	1.0 0.217 0.0
45	44	41	1.0 0.378 0.0	61.5 49.0 49.0	69.3 45	1.0 0.362 0.0	61.1 50.2 48.5	69.8 44	1.0 0.233 0.0	1.0 0.31 0.0	59.6 54.1 47.1	71.7 41	1.0 0.233 0.0
46	45	42	1.0 0.39 0.0	62.0 47.9 49.6	68.9 46	1.0 0.378 0.0	61.5 49.0 49.0	69.3 45	1.0 0.25 0.0	1.0 0.327 0.0	60.1 52.8 47.6	71.1 42	1.0 0.25 0.0
47	46	43	1.0 0.401 0.0	62.4 46.7 50.1	68.5 47	1.0 0.39 0.0	62.0 47.9 49.6	68.9 46	1.0 0.267 0.0	1.0 0.344 0.0	60.6 51.5 48.1	70.5 43	1.0 0.267 0.0
48	47	44	1.0 0.413 0.0	62.9 45.6 50.7	68.2 48	1.0 0.401 0.0	62.4 46.7 50.1	68.5 47	1.0 0.283 0.0	1.0 0.362 0.0	61.1 50.2 48.5	69.8 44	1.0 0.283 0.0
49	48	46	1.0 0.425 0.0	63.3 44.5 51.2	67.8 49	1.0 0.413 0.0	62.9 45.6 50.7	68.2 48	1.0 0.3 0.0	1.0 0.39 0.0	62.0 47.9 49.6	68.9 46	1.0 0.3 0.0
50	49	47	1.0 0.437 0.0	63.8 43.4 51.7	67.4 50	1.0 0.425 0.0	63.3 44.5 51.2	67.8 49	1.0 0.317 0.0	1.0 0.401 0.0	62.4 46.7 50.1	68.5 47	1.0 0.317 0.0
51	50	48	1.0 0.448 0.0	64.2 42.2 52.1	67.1 51	1.0 0.437 0.0	63.8 43.4 51.7	67.4 50	1.0 0.333 0.0	1.0 0.413 0.0	62.9 45.6 50.7	68.2 48	1.0 0.333 0.0
52	51	49	1.0 0.46 0.0	64.7 41.1 52.6	66.7 52	1.0 0.448 0.0	64.2 42.2 52.1	67.1 51	1.0 0.35 0.0	1.0 0.425 0.0	63.3 44.5 51.2	67.8 49	1.0 0.35 0.0
53	52	50	1.0 0.472 0.0	65.1 39.9 53.0	66.3 53	1.0 0.46 0.0	64.7 41.1 52.6	66.7 52	1.0 0.367 0.0	1.0 0.437 0.0	63.8 43.4 51.7	67.4 50	1.0 0.367 0.0
54	53	51	1.0 0.484 0.0	65.6 38.8 53.4	66.0 54	1.0 0.472 0.0	65.1 39.9 53.0	66.3 53	1.0 0.383 0.0	1.0 0.448 0.0	64.2 42.2 52.1	67.1 51	1.0 0.383 0.0
55	54	52	1.0 0.496 0.0	66.0 37.6 53.7	65.6 55	1.0 0.484 0.0	65.6 38.8 53.4	66.0 54	1.0 0.4 0.0	1.0 0.46 0.0	64.7 41.1 52.6	66.7 52	1.0 0.4 0.0
56	55	53	1.0 0.506 0.0	66.5 36.6 54.2	65.4 56	1.0 0.496 0.0	66.0 37.6 53.7	65.6 55	1.0 0.417 0.0	1.0 0.472 0.0	65.1 39.9 53.0	66.3 53	1.0 0.417 0.0
57	56	54	1.0 0.515 0.0	66.9 35.6 54.8	65.3 57	1.0 0.506 0.0	66.5 36.6 54.2	65.4 56	1.0 0.433 0.0	1.0 0.484 0.0	65.6 38.8 53.4	66.0 54	1.0 0.433 0.0
58	57	56	1.0 0.525 0.0	67.4 34.6 55.3	65.2 58	1.0 0.515 0.0	66.9 35.6 54.8	65.3 57	1.0 0.45 0.0	1.0 0.506 0.0	66.5 36.6 54.2	65.4 56	1.0 0.45 0.0
59	58	57	1.0 0.534 0.0	67.8 33.5 55.8	65.1 59	1.0 0.525 0.0	67.4 34.6 55.3	65.2 58	1.0 0.467 0.0	1.0 0.515 0.0	66.9 35.6 54.8	65.3 57	1.0 0.467 0.0
60	59	58	1.0 0.544 0.0	68.2 32.5 56.3	65.0 60	1.0 0.534 0.0	67.8 33.5 55.8	65.1 59	1.0 0.483 0.0	1.0 0.525 0.0	67.4 34.6 55.3	65.2 58	1.0 0.483 0.0
61	60	59	1.0 0.553 0.0	68.7 31.5 56.8	64.9 61	1.0 0.544 0.0	68.2 32.5 56.3	65.0 60	1.0 0.5 0.0	1.0 0.534 0.0	67.8 33.5 55.8	65.1 59	1.0 0.5 0.0
62	61	60	1.0 0.563 0.0	69.1 30.4 57.3	64.8 62	1.0 0.553 0.0	68.7 31.5 56.8	64.9 61	1.0 0.517 0.0	1.0 0.544 0.0	68.2 32.5 56.3	65.0 60	1.0 0.517 0.0
63	62	61	1.0 0.572 0.0	69.5 29.4 57.7	64.7 63	1.0 0.563 0.0	69.1 30.4 57.3	64.8 62	1.0 0.533 0.0	1.0 0.553 0.0	68.7 31.5 56.8	64.9 61	1.0 0.533 0.0
64	63	62	1.0 0.582 0.0	70.0 28.3 58.1	64.7 64	1.0 0.572 0.0	69.5 29.4 57.7	64.7 63	1.0 0.55 0.0	1.0 0.563 0.0	69.1 30.4 57.3	64.8 62	1.0 0.55 0.0
65	64	63	1.0 0.591 0.0	70.4 27.3 58.5	64.6 65	1.0 0.582 0.0	70.0 28.3 58.1	64.7 64	1.0 0.567 0.0	1.0 0.572 0.0	69.5 29.4 57.7	64.7 63	1.0 0.567 0.0
66	65	64	1.0 0.601 0.0	70.9 26.2 58.9	64.5 66	1.0 0.591 0.0	70.4 27.3 58.5	64.6 65	1.0 0.583 0.0	1.0 0.582 0.0	70.0 28.3 58.1	64.7 64	1.0 0.583 0.0
67	66	65	1.0 0.61 0.0	71.3 25.2 59.3	64.4 67	1.0 0.601 0.0	70.9 26.2 58.9	64.5 66	1.0 0.6 0.0	1.0 0.601 0.0	70.9 26.2 58.9	64.5 66	1.0 0.6 0.0
68	67	66	1.0 0.62 0.0	71.7 24.1 59.6	64.3 68	1.0 0.61 0.0	71.3 25.2 59.3	64.4 67	1.0 0.617 0.0	1.0 0.61 0.0	71.3 25.2 59.3	64.4 67	1.0 0.617 0.0
69	68	67	1.0 0.629 0.0	72.2 23.0 60.0	64.3 69	1.0 0.62 0.0	71.7 24.1 59.6	64.3 68	1.0 0.633 0.0	1.0 0.62 0.0	71.7 24.1 59.6	64.3 68	1.0 0.633 0.0
70	69	68	1.0 0.638 0.0	72.7 22.1 60.6	64.5 70	1.0 0.629 0.0	72.2 23.0 60.0	64.3 69	1.0 0.65 0.0	1.0 0.629 0.0	72.2 23.0 60.0	64.3 69	1.0 0.65 0.0
71	70	69	1.0 0.647 0.0	73.1 21.1 61.2	64.7 71	1.0 0.638 0.0	72.7 22.1 60.6	64.5 70	1.0 0.667 0.0	1.0 0.638 0.0	72.7 22.1 60.6	64.5 70	1.0 0.667 0.0
72	71	70	1.0 0.657 0.0	73.6 20.0 61.7	64.9 72	1.0 0.647 0.0	73.1 21.1 61.2	64.7 71	1.0 0.683 0.0	1.0 0.647 0.0	73.1 21.1 61.2	64.7 71	1.0 0.683 0.0
73	72	71	1.0 0.666 0.0	74.1 19.0 62.2	65.1 73	1.0 0.666 0.0	74.1 19.0 62.2	65.1 73	1.0 0.717 0.0	1.0 0.666 0.0	74.1 19.0 62.2	65.1 73	1.0 0.717 0.0
74	73	72	1.0 0.675 0.0	74.6 18.0 62.7	65.3 74	1.0 0.675 0.0	74.6 18.0 62.7	65.3 74	1.0 0.733 0.0	1.0 0.675 0.0	74.6 18.0 62.7	65.3 74	1.0 0.733 0.0
75	74	73	1.0 0.684 0.0	75.0 16.9 63.2	65.4 75	1.0 0.675 0.0	74.6 18.0 62.7	65.3 74	1.0 0.733 0.0	1.0 0.675 0.0	74.6 18.0 62.7	65.3 74	1.0 0.733 0.0
76	75	76	1.0 0.693 0.0	75.5 15.9 63.7	65.6 76	1.0 0.684 0.0	75.0 16.9 63.2	65.4 75	1.0 0.75 0.0	1.0 0.693 0.0	75.5 15.9 63.7	65.6 76	1.0 0.75 0.0

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours s:  $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;

Six hue angles of the device colours d:  $h_{ab,d} = 31.9, 103.7, 137.6, 196.6, 302.8, 327.9$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
76	75	76	1.0 0.693 0.0	75.5 15.9 63.7 65.6 76	1.0 0.684 0.0	75.0 16.9 63.2 65.4 75	1.0 0.75 0.0	1.0 0.693 0.0	75.5 15.9 63.7 65.6 76	1.0 0.75 0.0		
77	76	77	1.0 0.702 0.0	76.0 14.8 64.1 65.8 77	1.0 0.693 0.0	75.5 15.9 63.7 65.6 76	1.0 0.767 0.0	1.0 0.702 0.0	76.0 14.8 64.1 65.8 77	1.0 0.767 0.0		
78	77	78	1.0 0.712 0.0	76.5 13.7 64.6 66.0 78	1.0 0.702 0.0	76.0 14.8 64.1 65.8 77	1.0 0.783 0.0	1.0 0.712 0.0	76.5 13.7 64.6 66.0 78	1.0 0.783 0.0		
79	78	79	1.0 0.721 0.0	77.0 12.6 65.0 66.2 79	1.0 0.712 0.0	76.5 13.7 64.6 66.0 78	1.0 0.8 0.0	1.0 0.721 0.0	77.0 12.6 65.0 66.2 79	1.0 0.8 0.0		
80	79	80	1.0 0.73 0.0	77.4 11.5 65.4 66.4 80	1.0 0.721 0.0	77.0 12.6 65.0 66.2 79	1.0 0.817 0.0	1.0 0.73 0.0	77.4 11.5 65.4 66.4 80	1.0 0.817 0.0		
81	80	81	1.0 0.739 0.0	77.9 10.4 65.8 66.6 81	1.0 0.73 0.0	77.4 11.5 65.4 66.4 80	1.0 0.833 0.0	1.0 0.739 0.0	77.9 10.4 65.8 66.6 81	1.0 0.833 0.0		
82	81	82	1.0 0.748 0.0	78.4 9.3 66.1 66.8 82	1.0 0.739 0.0	77.9 10.4 65.8 66.6 81	1.0 0.85 0.0	1.0 0.748 0.0	78.4 9.3 66.1 66.8 82	1.0 0.85 0.0		
83	82	83	1.0 0.758 0.0	78.9 8.2 66.7 67.2 83	1.0 0.748 0.0	78.4 9.3 66.1 66.8 82	1.0 0.867 0.0	1.0 0.758 0.0	78.9 8.2 66.7 67.2 83	1.0 0.867 0.0		
84	83	85	1.0 0.769 0.0	79.5 7.1 67.4 67.8 84	1.0 0.758 0.0	78.9 8.2 66.7 67.2 83	1.0 0.883 0.0	1.0 0.779 0.0	80.1 6.0 68.0 68.3 85	1.0 0.883 0.0		
85	84	86	1.0 0.779 0.0	80.1 6.0 68.0 68.3 85	1.0 0.769 0.0	79.5 7.1 67.4 67.8 84	1.0 0.9 0.0	1.0 0.79 0.0	80.7 4.8 68.7 68.8 86	1.0 0.9 0.0		
86	85	87	1.0 0.79 0.0	80.7 4.8 68.7 68.8 86	1.0 0.779 0.0	80.1 6.0 68.0 68.3 85	1.0 0.917 0.0	1.0 0.8 0.0	81.3 3.6 69.2 69.3 87	1.0 0.917 0.0		
87	86	88	1.0 0.8 0.0	81.3 3.6 69.2 69.3 87	1.0 0.79 0.0	80.7 4.8 68.7 68.8 86	1.0 0.933 0.0	1.0 0.81 0.0	81.9 2.4 69.8 69.9 88	1.0 0.933 0.0		
88	87	89	1.0 0.81 0.0	81.9 2.4 69.8 69.9 88	1.0 0.8 0.0	81.3 3.6 69.2 69.3 87	1.0 0.95 0.0	1.0 0.821 0.0	82.4 1.2 70.4 70.4 89	1.0 0.95 0.0		
89	88	90	1.0 0.821 0.0	82.4 1.2 70.4 70.4 89	1.0 0.81 0.0	81.9 2.4 69.8 69.9 88	1.0 0.967 0.0	1.0 0.831 0.0	83.0 0.0 70.9 70.9 90	1.0 0.967 0.0		
90	89	91	1.0 0.831 0.0	83.0 0.0 70.9 70.9 91	1.0 0.821 0.0	82.4 1.2 70.4 70.4 89	1.0 0.983 0.0	1.0 0.842 0.0	83.6 -1.1 71.4 71.4 91	1.0 0.983 0.0		
91	90	92	1.0 0.842 0.0	83.6 -1.1 71.4 71.4 91	1.0 0.831 0.0	83.0 0.0 70.9 70.9 90	1.0 1.0 0.0 $J_s$	1.0 0.852 0.0	84.2 -2.4 71.9 72.0 92	1.0 1.0 0.0 $J_e$		
92	91	93	1.0 0.852 0.0	84.2 -2.4 71.9 72.0 92	1.0 0.842 0.0	83.6 -1.1 71.4 71.4 91	1.0 0.983 1.0 0.0	1.0 0.862 0.0	84.8 -3.7 72.4 72.5 93	1.0 0.983 1.0 0.0		
93	92	95	1.0 0.862 0.0	84.8 -3.7 72.4 72.5 93	1.0 0.852 0.0	84.2 -2.4 71.9 72.0 92	1.0 0.967 1.0 0.0	1.0 0.885 0.0	86.1 -6.3 73.6 73.9 95	1.0 0.967 1.0 0.0		
94	93	96	1.0 0.873 0.0	85.4 -5.0 72.8 73.0 94	1.0 0.862 0.0	84.8 -3.7 72.4 72.5 93	1.0 0.95 1.0 0.0	1.0 0.899 0.0	86.9 -7.7 74.4 74.8 96	1.0 0.95 1.0 0.0		
95	94	97	1.0 0.885 0.0	86.1 -6.3 73.6 73.9 95	1.0 0.873 0.0	85.4 -5.0 72.8 73.0 94	1.0 0.933 1.0 0.0	1.0 0.912 0.0	87.6 -9.1 75.2 75.8 97	1.0 0.933 1.0 0.0		
96	95	98	1.0 0.899 0.0	86.9 -7.7 74.4 74.8 96	1.0 0.885 0.0	86.1 -6.3 73.6 73.9 95	1.0 0.917 1.0 0.0	1.0 0.925 0.0	88.4 -10.6 76.0 76.7 98	1.0 0.917 1.0 0.0		
97	96	99	1.0 0.912 0.0	87.6 -9.1 75.2 75.8 97	1.0 0.899 0.0	86.9 -7.7 74.4 74.8 96	1.0 0.9 1.0 0.0	1.0 0.938 0.0	89.2 -12.1 76.7 77.7 99	1.0 0.9 1.0 0.0		
98	97	100	1.0 0.925 0.0	88.4 -10.6 76.0 76.7 98	1.0 0.912 0.0	87.6 -9.1 75.2 75.8 97	1.0 0.883 1.0 0.0	1.0 0.951 0.0	90.0 -13.6 77.4 78.6 100	1.0 0.883 1.0 0.0		
99	98	102	1.0 0.938 0.0	89.2 -12.1 76.7 77.7 99	1.0 0.925 0.0	88.4 -10.6 76.0 76.7 98	1.0 0.867 1.0 0.0	1.0 0.978 0.0	91.5 -16.6 78.8 80.5 102	1.0 0.867 1.0 0.0		
100	99	103	1.0 0.951 0.0	90.0 -13.6 77.4 78.6 100	1.0 0.938 0.0	89.2 -12.1 76.7 77.7 99	1.0 0.85 1.0 0.0	1.0 0.991 0.0	92.3 -18.2 79.4 81.5 103	1.0 0.85 1.0 0.0		
101	100	104	1.0 0.965 0.0	90.7 -15.1 78.1 79.6 101	1.0 0.951 0.0	90.0 -13.6 77.4 78.6 100	1.0 0.833 1.0 0.0	1.0 0.995 1.0 0.0	92.7 -19.8 79.7 82.2 104	1.0 0.833 1.0 0.0		
102	101	105	1.0 0.978 0.0	91.5 -16.6 78.8 80.5 102	1.0 0.965 0.0	90.7 -15.1 78.1 79.6 101	1.0 0.817 1.0 0.0	1.0 0.98 1.0 0.0	92.5 -21.2 79.5 82.3 105	1.0 0.817 1.0 0.0		
103	102	106	1.0 0.991 0.0	92.3 -18.2 79.4 81.5 $J_d$	1.0 0.978 0.0	91.5 -16.6 78.8 80.5 102	1.0 0.8 1.0 0.0	1.0 0.964 1.0 0.0	92.2 -22.6 79.2 82.4 106	1.0 0.8 1.0 0.0		
104	103	107	0.995 1.0 0.0	92.7 -19.8 79.7 82.2 104	1.0 0.991 0.0	92.3 -18.2 79.4 81.5 103	1.0 0.783 1.0 0.0	1.0 0.949 1.0 0.0	92.0 -24.0 78.9 82.5 107	1.0 0.783 1.0 0.0		
105	104	109	0.98 1.0 0.0	92.5 -21.2 79.5 82.3 105	0.995 1.0 0.0	92.7 -19.8 79.7 82.2 104	1.0 0.767 1.0 0.0	1.0 0.918 1.0 0.0	91.5 -26.8 78.2 82.8 109	1.0 0.767 1.0 0.0		
106	105	110	0.964 1.0 0.0	92.2 -22.6 79.2 82.4 106	0.98 1.0 0.0	92.5 -21.2 79.5 82.3 105	1.0 0.75 1.0 0.0	1.0 0.903 1.0 0.0	91.2 -28.2 77.9 82.9 110	1.0 0.75 1.0 0.0		
107	106	111	0.949 1.0 0.0	92.0 -24.0 78.9 82.5 107	0.964 1.0 0.0	92.2 -22.6 79.2 82.4 106	1.0 0.733 1.0 0.0	1.0 0.888 1.0 0.0	91.0 -29.6 77.5 83.0 111	1.0 0.733 1.0 0.0		
108	107	112	0.934 1.0 0.0	91.7 -25.4 78.6 82.6 108	0.949 1.0 0.0	92.0 -24.0 78.9 82.5 107	1.0 0.717 1.0 0.0	1.0 0.872 1.0 0.0	90.7 -31.0 77.1 83.1 112	1.0 0.717 1.0 0.0		
109	108	113	0.918 1.0 0.0	91.5 -26.8 78.2 82.8 109	0.934 1.0 0.0	91.7 -25.4 78.6 82.6 108	1.0 0.7 1.0 0.0	1.0 0.855 1.0 0.0	90.5 -32.5 76.9 83.5 113	1.0 0.7 1.0 0.0		
110	109	114	0.903 1.0 0.0	91.2 -28.2 77.9 82.9 110	0.918 1.0 0.0	91.5 -26.8 78.2 82.8 109	1.0 0.683 1.0 0.0	1.0 0.838 1.0 0.0	90.2 -34.0 76.6 83.8 114	1.0 0.683 1.0 0.0		
111	110	116	0.888 1.0 0.0	91.0 -29.6 77.5 83.0 111	0.903 1.0 0.0	91.2 -28.2 77.9 82.9 110	1.0 0.667 1.0 0.0	1.0 0.804 1.0 0.0	89.7 -37.0 76.0 84.5 116	1.0 0.667 1.0 0.0		
112	111	117	0.872 1.0 0.0	90.7 -31.0 77.1 83.1 112	0.888 1.0 0.0	91.0 -29.6 77.5 83.0 111	1.0 0.65 1.0 0.0	1.0 0.787 1.0 0.0	89.5 -38.4 75.6 84.9 117	1.0 0.65 1.0 0.0		
113	112	118	0.855 1.0 0.0	90.5 -32.5 76.9 83.5 113	0.872 1.0 0.0	90.7 -31.0 77.1 83.1 112	1.0 0.633 1.0 0.0	1.0 0.77 1.0 0.0	89.2 -39.9 75.3 85.2 118	1.0 0.633 1.0 0.0		
114	113	119	0.838 1.0 0.0	90.2 -34.0 76.6 83.8 114	0.855 1.0 0.0	90.5 -32.5 76.9 83.5 113	1.0 0.617 1.0 0.0	1.0 0.753 1.0 0.0	89.0 -41.4 74.9 85.6 119	1.0 0.617 1.0 0.0		
115	114	120	0.821 1.0 0.0	90.0 -35.5 76.3 84.2 115	0.838 1.0 0.0	90.2 -34.0 76.6 83.8 114	1.0 0.6 1.0 0.0	1.0 0.733 1.0 0.0	88.8 -43.0 74.6 86.1 120	1.0 0.6 1.0 0.0		
116	115	121	0.804 1.0 0.0	89.7 -37.0 76.0 84.5 116	0.821 1.0 0.0	90.0 -35.5 76.3 84.2 115	1.0 0.583 1.0 0.0	1.0 0.712 1.0 0.0	88.5 -44.6 74.3 86.7 121	1.0 0.583 1.0 0.0		
117	116	123	0.787 1.0 0.0	89.5 -38.4 75.6 84.9 117	0.804 1.0 0.0	89.7 -37.0 76.0 84.5 116	1.0 0.567 1.0 0.0	1.0 0.672 1.0 0.0	88.0 -47.8 73.7 87.9 123	1.0 0.567 1.0 0.0		
118	117	124	0.77 1.0 0.0	89.2 -39.9 75.3 85.2 118	0.787 1.0 0.0	89.5 -38.4 75.6 84.9 117	1.0 0.55 1.0 0.0	1.0 0.651 1.0 0.0	87.8 -49.4 73.4 88.5 124	1.0 0.55 1.0 0.0		
119	118	125	0.753 1.0 0.0	89.0 -41.4 74.9 85.6 119	0.77 1.0 0.0	89.2 -39.9 75.3 85.2 118	1.0 0.533 1.0 0.0	1.0 0.631 1.0 0.0	87.5 -51.0 73.0 89.1 125	1.0 0.533 1.0 0.0		
120	119	126	0.733 1.0 0.0	88.8 -43.0 74.6 86.1 120	0.753 1.0 0.0	89.0 -41.4 74.9 85.6 119	1.0 0.517 1.0 0.0	1.0 0.606 1.0 0.0	87.3 -52.7 72.7 89.8 126	1.0 0.517 1.0 0.0		
121	120	127	0.712 1.0 0.0	88.5 -44.6 74.3 86.7 121	0.733 1.0 0.0	88.8 -43.0 74.6 86.1 120	1.0 0.5 1.0 0.0	1.0 0.58 1.0 0.0	87.1 -54.5 72.4 90.7 127	1.0 0.5 1.0 0.0		

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours s:  $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;

Six hue angles of the device colours d:  $h_{ab,d} = 31.9, 103.7, 137.6, 196.6, 302.8, 327.9$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
121	120	127	0.712 1.0 0.0	88.5 -44.6 74.3 86.7 121	0.733 1.0 0.0	88.8 -43.0 74.6 86.1 120	0.5 1.0 0.0	0.58 1.0 0.0	87.1 -54.5 72.4 90.7 127	0.5 1.0 0.0	0.0	0.0	
122	121	128	0.692 1.0 0.0	88.3 -46.2 74.1 87.3 122	0.712 1.0 0.0	88.5 -44.6 74.3 86.7 121	0.483 1.0 0.0	0.554 1.0 0.0	86.8 -56.2 72.1 91.5 128	0.483 1.0 0.0	0.0	0.0	
123	122	130	0.672 1.0 0.0	88.0 -47.8 73.7 87.9 123	0.692 1.0 0.0	88.3 -46.2 74.1 87.3 122	0.467 1.0 0.0	0.502 1.0 0.0	86.3 -59.8 71.3 93.1 130	0.467 1.0 0.0	0.130 0.467 1.0 0.0	0.0	
124	123	131	0.651 1.0 0.0	87.8 -49.4 73.4 88.5 124	0.672 1.0 0.0	88.0 -47.8 73.7 87.9 123	0.45 1.0 0.0	0.467 1.0 0.0	86.1 -61.7 71.1 94.2 131	0.45 1.0 0.0	0.0	0.0	
125	124	132	0.631 1.0 0.0	87.5 -51.0 73.0 89.1 125	0.651 1.0 0.0	87.8 -49.4 73.4 88.5 124	0.433 1.0 0.0	0.431 1.0 0.0	85.8 -63.6 70.7 95.2 132	0.433 1.0 0.0	0.0	0.0	
126	125	133	0.606 1.0 0.0	87.3 -52.7 72.7 89.8 126	0.631 1.0 0.0	87.5 -51.0 73.0 89.1 125	0.417 1.0 0.0	0.395 1.0 0.0	85.6 -65.5 70.4 96.2 133	0.417 1.0 0.0	0.0	0.0	
127	126	134	0.58 1.0 0.0	87.1 -54.5 72.4 90.7 127	0.606 1.0 0.0	87.3 -52.7 72.7 89.8 126	0.4 1.0 0.0	0.351 1.0 0.0	85.3 -67.5 70.0 97.4 134	0.4 1.0 0.0	0.0	0.0	
128	127	135	0.554 1.0 0.0	86.8 -56.2 72.1 91.5 128	0.58 1.0 0.0	87.1 -54.5 72.4 90.7 127	0.383 1.0 0.0	0.297 1.0 0.0	85.1 -69.6 69.7 98.6 135	0.383 1.0 0.0	0.0	0.0	
129	128	137	0.528 1.0 0.0	86.6 -58.0 71.7 92.3 129	0.554 1.0 0.0	86.8 -56.2 72.1 91.5 128	0.367 1.0 0.0	0.139 1.0 0.0	84.5 -73.9 69.0 101.2 137	0.367 1.0 0.0	0.0	0.0	
130	129	138	0.502 1.0 0.0	86.3 -59.8 71.3 93.1 130	0.528 1.0 0.0	86.6 -58.0 71.7 92.3 129	0.35 1.0 0.0	0.0 1.0	0.054 84.4 -75.1 67.7 101.2 138	0.35 1.0 0.0	0.0	0.0	
131	130	139	0.467 1.0 0.0	86.1 -61.7 71.1 94.2 131	0.502 1.0 0.0	86.3 -59.8 71.3 93.1 130	0.333 1.0 0.0	0.0 1.0	0.158 84.5 -74.4 64.8 98.8 139	0.333 1.0 0.0	0.0	0.0	
132	131	140	0.431 1.0 0.0	85.8 -63.6 70.7 95.2 132	0.467 1.0 0.0	86.1 -61.7 71.1 94.2 131	0.317 1.0 0.0	0.0 1.0	0.221 84.5 -73.7 62.0 96.4 140	0.317 1.0 0.0	0.0	0.0	
133	132	141	0.395 1.0 0.0	85.6 -65.5 70.4 96.2 133	0.431 1.0 0.0	85.8 -63.6 70.7 95.2 132	0.3 1.0 0.0	0.0 1.0	0.269 84.6 -73.1 59.3 94.2 141	0.3 1.0 0.0	0.0	0.0	
134	133	142	0.351 1.0 0.0	85.3 -67.5 70.0 97.4 134	0.395 1.0 0.0	85.6 -65.5 70.4 96.2 133	0.283 1.0 0.0	0.0 1.0	0.305 84.6 -72.4 56.7 92.0 142	0.283 1.0 0.0	0.0	0.0	
135	134	144	0.297 1.0 0.0	85.1 -69.6 69.7 98.6 135	0.351 1.0 0.0	85.3 -67.5 70.0 97.4 134	0.267 1.0 0.0	0.0 1.0	0.377 84.7 -70.9 51.6 87.8 144	0.267 1.0 0.0	0.0	0.0	
136	135	145	0.237 1.0 0.0	84.8 -71.7 69.3 99.8 136	0.297 1.0 0.0	85.1 -69.6 69.7 98.6 135	0.25 1.0 0.0	0.0 1.0	0.402 84.8 -70.3 49.3 86.0 145	0.25 1.0 0.0	0.0	0.0	
137	136	146	0.139 1.0 0.0	84.5 -73.9 69.0 101.2 137	$G_d$	0.237 1.0 0.0	84.8 -71.7 69.3 99.8 136	0.233 1.0 0.0	0.0 1.0	0.427 84.9 -69.7 47.1 84.2 146	0.233 1.0 0.0	0.0	0.0
138	137	147	0.0 1.0	0.054 84.4 -75.1 67.7 101.2 138		0.139 1.0 0.0	84.5 -73.9 69.0 101.2 137	0.217 1.0 0.0	0.0 1.0	0.451 84.9 -69.0 44.9 82.4 147	0.217 1.0 0.0	0.0	0.0
139	138	148	0.0 1.0	0.158 84.5 -74.4 64.8 98.8 139		0.0 1.0	0.054 84.4 -75.1 67.7 101.2 138	0.2 1.0 0.0	0.0 1.0	0.476 85.0 -68.2 42.7 80.5 148	0.2 1.0 0.0	0.0	0.0
140	139	149	0.0 1.0	0.221 84.5 -73.7 62.0 96.4 140		0.0 1.0	0.158 84.5 -74.4 64.8 98.8 139	0.183 1.0 0.0	0.0 1.0	0.501 85.0 -67.4 40.6 78.7 149	0.183 1.0 0.0	0.0	0.0
141	140	151	0.0 1.0	0.269 84.6 -73.1 59.3 94.2 141		0.0 1.0	0.221 84.5 -73.7 62.0 96.4 140	0.167 1.0 0.0	0.0 1.0	0.536 85.2 -66.3 36.8 75.9 151	0.167 1.0 0.0	0.0	0.0
142	141	152	0.0 1.0	0.305 84.6 -72.4 56.7 92.0 142		0.0 1.0	0.269 84.6 -73.1 59.3 94.2 141	0.15 1.0 0.0	0.0 1.0	0.554 85.2 -65.6 35.0 74.5 152	0.15 1.0 0.0	0.0	0.0
143	142	153	0.0 1.0	0.342 84.7 -71.7 54.1 89.9 143		0.0 1.0	0.305 84.6 -72.4 56.7 92.0 142	0.133 1.0 0.0	0.0 1.0	0.572 85.3 -65.0 33.2 73.0 153	0.133 1.0 0.0	0.0	0.0
144	143	154	0.0 1.0	0.377 84.7 -70.9 51.6 87.8 144		0.0 1.0	0.342 84.7 -71.7 54.1 89.9 143	0.117 1.0 0.0	0.0 1.0	0.59 85.3 -64.3 31.4 71.6 154	0.117 1.0 0.0	0.0	0.0
145	144	155	0.0 1.0	0.402 84.8 -70.3 49.3 86.0 145		0.0 1.0	0.377 84.7 -70.9 51.6 87.8 144	0.1 1.0 0.0	0.0 1.0	0.608 85.4 -63.5 29.7 70.2 155	0.1 1.0 0.0	0.0	0.0
146	145	156	0.0 1.0	0.427 84.9 -69.7 47.1 84.2 146		0.0 1.0	0.402 84.8 -70.3 49.3 86.0 145	0.083 1.0 0.0	0.0 1.0	0.626 85.5 -62.7 28.0 68.8 156	0.083 1.0 0.0	0.0	0.0
147	146	158	0.0 1.0	0.451 84.9 -69.0 44.9 82.4 147		0.0 1.0	0.427 84.9 -69.7 47.1 84.2 146	0.067 1.0 0.0	0.0 1.0	0.652 85.6 -61.8 25.0 66.7 158	0.067 1.0 0.0	0.0	0.0
148	147	159	0.0 1.0	0.476 85.0 -68.2 42.7 80.5 148		0.0 1.0	0.451 84.9 -69.0 44.9 82.4 147	0.05 1.0 0.0	0.0 1.0	0.665 85.6 -61.2 23.5 65.7 159	0.05 1.0 0.0	0.0	0.0
149	148	160	0.0 1.0	0.501 85.0 -67.4 40.6 78.7 149		0.0 1.0	0.476 85.0 -68.2 42.7 80.5 148	0.033 1.0 0.0	0.0 1.0	0.678 85.7 -60.7 22.1 64.7 160	0.033 1.0 0.0	0.0	0.0
150	149	161	0.0 1.0	0.519 85.1 -66.9 38.7 77.3 150		0.0 1.0	0.501 85.0 -67.4 40.6 78.7 149	0.017 1.0 0.0	0.0 1.0	0.691 85.7 -60.1 20.7 63.6 161	0.017 1.0 0.0	0.0	0.0
151	150	162	0.0 1.0	0.536 85.2 -66.3 36.8 75.9 151		0.0 1.0	0.519 85.1 -66.9 38.7 77.3 150	0.0 1.0	0.0 1.0	0.704 85.8 -59.4 19.3 62.6 162	0.0 1.0	0.0 0.0	0.0
152	151	163	0.0 1.0	0.554 85.2 -65.6 35.0 74.5 152		0.0 1.0	0.536 85.2 -66.3 36.8 75.9 151	0.0 1.0	0.0 1.0	0.717 85.8 -58.8 18.0 61.6 163	0.0 1.0	0.0 0.0	0.0
153	152	164	0.0 1.0	0.572 85.3 -65.0 33.2 73.0 153		0.0 1.0	0.554 85.2 -65.6 35.0 74.5 152	0.0 1.0	0.0 1.0	0.73 85.9 -58.1 16.7 60.6 164	0.0 1.0	0.0 0.0	0.0
154	153	165	0.0 1.0	0.59 85.3 -64.3 31.4 71.6 154		0.0 1.0	0.572 85.3 -65.0 33.2 73.0 153	0.0 1.0	0.0 1.0	0.743 85.9 -57.4 15.4 59.5 165	0.0 1.0	0.0 0.0	0.0
155	154	166	0.0 1.0	0.608 85.4 -63.5 29.7 70.2 155		0.0 1.0	0.59 85.3 -64.3 31.4 71.6 154	0.0 1.0	0.0 1.0	0.754 86.0 -56.8 14.2 58.7 166	0.0 1.0	0.0 0.0	0.0
156	155	167	0.0 1.0	0.626 85.5 -62.7 28.0 68.8 156		0.0 1.0	0.608 85.4 -63.5 29.7 70.2 155	0.0 1.0	0.0 1.0	0.764 86.1 -56.4 13.1 58.0 167	0.0 1.0	0.0 0.0	0.0
157	156	168	0.0 1.0	0.639 85.5 -62.3 26.5 67.7 157		0.0 1.0	0.626 85.5 -62.7 28.0 68.8 156	0.0 1.0	0.0 1.0	0.773 86.1 -56.0 11.9 57.4 168	0.0 1.0	0.0 0.0	0.0
158	157	169	0.0 1.0	0.652 85.6 -61.8 25.0 66.7 158		0.0 1.0	0.639 85.5 -62.3 26.5 67.7 157	0.0 1.0	0.0 1.0	0.782 86.1 -55.6 10.8 56.7 169	0.0 1.0	0.0 0.0	0.0
159	158	170	0.0 1.0	0.665 85.6 -61.2 23.5 65.7 159		0.0 1.0	0.652 85.6 -61.8 25.0 66.7 158	0.0 1.0	0.0 1.0	0.792 86.2 -55.1 9.7 56.1 170	0.0 1.0	0.0 0.0	0.0
160	159	170	0.0 1.0	0.678 85.7 -60.7 22.1 64.7 160		0.0 1.0	0.665 85.6 -61.2 23.5 65.7 159	0.0 1.0	0.0 1.0	0.792 86.2 -55.1 9.7 56.1 170	0.0 1.0	0.0 0.0	0.0
161	160	171	0.0 1.0	0.691 85.7 -60.1 20.7 63.6 161		0.0 1.0	0.678 85.7 -60.7 22.1 64.7 160	0.0 1.0	0.0 1.0	0.801 86.2 -54.6 8.7 55.4 171	0.0 1.0	0.0 0.0	0.0
162	161	172	0.0 1.0	0.704 85.8 -59.4 19.3 62.6 162		0.0 1.0	0.691 85.7 -60.1 20.7 63.6 161	0.0 1.0	0.0 1.0	0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0	0.0 0.0	0.0
163	162	173	0.0 1.0	0.717 85.8 -58.8 18.0 61.6 163		0.0 1.0	0.704 85.8 -59.4 19.3 62.6 162	0.0 1.0	0.0 1.0	0.82 86.3 -53.6 6.6 54.1 173	0.0 1.0	0.0 0.0	0.0
164	163	174	0.0 1.0	0.73 85.9 -58.1 16.7 60.6 164		0.0 1.0	0.717 85.8 -58.8 18.0 61.6 163	0.0 1.0	0.0 1.0	0.829 86.4 -53.1 5.6 53.5 174	0.0 1.0	0.0 0.0	0.0
165	164	175	0.0 1.0	0.743 85.9 -57.4 15.4 59.5 165		0.0 1.0	0.73 85.9 -58.1 16.7 60.6 164	0.0 1.0	0.0 1.0	0.839 86.4 -52.5 4.6 52.8 175	0.0 1.0	0.0 0.0	0.0
166	165	176	0.0 1.0	0.754 86.0 -56.8 14.2 58.7 166		0.0 1.0	0.743 85.9 -57.4 15.4 59.5 165	0.0 1.0	0.0 1.0	0.848 86.5 -52.0 3.6 52.2 176	0.0 1.0	0.0 0.0	0.0

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours s:  $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;

Six hue angles of the device colours d:  $h_{ab,d} = 31.9, 103.7, 137.6, 196.6, 302.8, 327.9$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
166	165	176	0.0 1.0 0.754 86.0 -56.8 14.2 58.7 166	0.0 1.0 0.743 85.9 -57.4 15.4 59.5 165	0.0 1.0 0.754 86.0 -56.8 14.2 58.7 166	0.0 1.0 0.754 86.0 -56.4 13.1 58.0 167	0.0 1.0 0.764 86.1 -56.0 11.9 57.4 168	0.0 1.0 0.773 86.1 -56.0 11.9 57.4 168	0.0 1.0 0.743 85.9 -57.4 15.4 59.5 165	0.0 1.0 0.848 86.5 -52.0 3.6 52.2 176	0.0 1.0 0.848 86.5 -52.0 3.6 52.2 176	0.0 1.0 0.25
167	166	177	0.0 1.0 0.764 86.1 -56.4 13.1 58.0 167	0.0 1.0 0.754 86.0 -56.8 14.2 58.7 166	0.0 1.0 0.754 86.0 -56.8 14.2 58.7 166	0.0 1.0 0.764 86.1 -56.4 13.1 58.0 167	0.0 1.0 0.773 86.1 -56.0 11.9 57.4 168	0.0 1.0 0.764 86.1 -56.0 11.9 57.4 168	0.0 1.0 0.754 86.0 -56.8 14.2 58.7 166	0.0 1.0 0.858 86.5 -51.4 2.7 51.5 175	0.0 1.0 0.858 86.5 -51.4 2.7 51.5 175	0.0 1.0 0.267
168	167	178	0.0 1.0 0.773 86.1 -56.0 11.9 57.4 168	0.0 1.0 0.764 86.1 -56.0 11.9 57.4 168	0.0 1.0 0.764 86.1 -56.0 11.9 57.4 168	0.0 1.0 0.773 86.1 -56.0 11.9 57.4 168	0.0 1.0 0.773 86.1 -56.0 11.9 57.4 168	0.0 1.0 0.764 86.1 -56.0 11.9 57.4 168	0.0 1.0 0.754 86.0 -56.8 14.2 58.7 166	0.0 1.0 0.858 86.5 -51.4 2.7 51.5 175	0.0 1.0 0.858 86.5 -51.4 2.7 51.5 175	0.0 1.0 0.267
169	168	179	0.0 1.0 0.782 86.1 -55.6 10.8 56.7 169	0.0 1.0 0.773 86.1 -55.6 10.8 56.7 169	0.0 1.0 0.773 86.1 -55.6 10.8 56.7 169	0.0 1.0 0.782 86.1 -55.6 10.8 56.7 169	0.0 1.0 0.773 86.1 -55.6 10.8 56.7 169	0.0 1.0 0.773 86.1 -55.6 10.8 56.7 169	0.0 1.0 0.764 86.1 -55.6 10.8 56.7 169	0.0 1.0 0.867 86.6 -50.2 0.9 50.3 179	0.0 1.0 0.867 86.6 -50.2 0.9 50.3 179	0.0 1.0 0.3
170	169	180	0.0 1.0 0.792 86.2 -55.1 9.7 56.1 170	0.0 1.0 0.782 86.1 -55.6 10.8 56.7 169	0.0 1.0 0.782 86.1 -55.6 10.8 56.7 169	0.0 1.0 0.792 86.2 -55.1 9.7 56.1 170	0.0 1.0 0.792 86.2 -55.1 9.7 56.1 170	0.0 1.0 0.782 86.1 -55.6 10.8 56.7 169	0.0 1.0 0.773 86.1 -55.6 10.8 56.7 169	0.0 1.0 0.883 86.7 -49.9 0.0 50.0 180	0.0 1.0 0.883 86.7 -49.9 0.0 50.0 180	0.0 1.0 0.317
171	170	180	0.0 1.0 0.801 86.2 -54.6 8.7 55.4 171	0.0 1.0 0.792 86.2 -55.1 9.7 56.1 170	0.0 1.0 0.792 86.2 -55.1 9.7 56.1 170	0.0 1.0 0.801 86.2 -54.6 8.7 55.4 171	0.0 1.0 0.801 86.2 -54.6 8.7 55.4 171	0.0 1.0 0.792 86.2 -55.1 9.7 56.1 170	0.0 1.0 0.782 86.1 -55.6 10.8 56.7 169	0.0 1.0 0.883 86.7 -49.9 0.0 50.0 180	0.0 1.0 0.883 86.7 -49.9 0.0 50.0 180	0.0 1.0 0.333
172	171	181	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.801 86.2 -54.6 8.7 55.4 171	0.0 1.0 0.801 86.2 -54.6 8.7 55.4 171	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.801 86.2 -54.6 8.7 55.4 171	0.0 1.0 0.801 86.2 -54.6 8.7 55.4 171	0.0 1.0 0.89 86.7 -49.6 -0.8 49.7 181	0.0 1.0 0.89 86.7 -49.6 -0.8 49.7 181	0.0 1.0 0.35
173	172	182	0.0 1.0 0.82 86.3 -53.6 6.6 54.1 173	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.82 86.3 -53.6 6.6 54.1 173	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.801 86.2 -54.6 8.7 55.4 171	0.0 1.0 0.897 86.8 -49.2 -1.6 49.3 182	0.0 1.0 0.897 86.8 -49.2 -1.6 49.3 182	0.0 1.0 0.367
174	173	183	0.0 1.0 0.829 86.4 -53.1 5.6 53.5 174	0.0 1.0 0.82 86.3 -53.6 6.6 54.1 173	0.0 1.0 0.82 86.3 -53.6 6.6 54.1 173	0.0 1.0 0.829 86.4 -53.1 5.6 53.5 174	0.0 1.0 0.829 86.4 -53.1 5.6 53.5 174	0.0 1.0 0.82 86.3 -53.6 6.6 54.1 173	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.904 86.8 -48.8 -2.5 49.0 183	0.0 1.0 0.904 86.8 -48.8 -2.5 49.0 183	0.0 1.0 0.383
175	174	184	0.0 1.0 0.839 86.4 -52.5 4.6 52.8 175	0.0 1.0 0.829 86.4 -53.1 5.6 53.5 174	0.0 1.0 0.829 86.4 -53.1 5.6 53.5 174	0.0 1.0 0.839 86.4 -52.5 4.6 52.8 175	0.0 1.0 0.839 86.4 -52.5 4.6 52.8 175	0.0 1.0 0.829 86.4 -53.1 5.6 53.5 174	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.911 86.9 -48.5 -3.3 48.7 184	0.0 1.0 0.911 86.9 -48.5 -3.3 48.7 184	0.0 1.0 0.4
176	175	185	0.0 1.0 0.848 86.5 -52.0 3.6 52.2 176	0.0 1.0 0.839 86.4 -52.5 4.6 52.8 175	0.0 1.0 0.839 86.4 -52.5 4.6 52.8 175	0.0 1.0 0.848 86.5 -52.0 3.6 52.2 176	0.0 1.0 0.848 86.5 -52.0 3.6 52.2 176	0.0 1.0 0.839 86.4 -52.5 4.6 52.8 175	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.918 86.9 -48.1 -4.1 48.4 185	0.0 1.0 0.918 86.9 -48.1 -4.1 48.4 185	0.0 1.0 0.417
177	176	186	0.0 1.0 0.858 86.5 -51.4 2.7 51.5 177	0.0 1.0 0.848 86.5 -52.0 3.6 52.2 176	0.0 1.0 0.848 86.5 -52.0 3.6 52.2 176	0.0 1.0 0.858 86.5 -51.4 2.7 51.5 177	0.0 1.0 0.858 86.5 -51.4 2.7 51.5 177	0.0 1.0 0.848 86.5 -52.0 3.6 52.2 176	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.925 86.9 -47.7 -4.9 48.0 186	0.0 1.0 0.925 86.9 -47.7 -4.9 48.0 186	0.0 1.0 0.433
178	177	187	0.0 1.0 0.867 86.6 -50.8 1.8 50.9 178	0.0 1.0 0.858 86.5 -51.4 2.7 51.5 177	0.0 1.0 0.858 86.5 -51.4 2.7 51.5 177	0.0 1.0 0.867 86.6 -50.8 1.8 50.9 178	0.0 1.0 0.867 86.6 -50.8 1.8 50.9 178	0.0 1.0 0.858 86.5 -51.4 2.7 51.5 177	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.932 87.0 -47.3 -5.7 47.7 187	0.0 1.0 0.932 87.0 -47.3 -5.7 47.7 187	0.0 1.0 0.45
179	178	188	0.0 1.0 0.876 86.6 -50.2 0.9 50.3 179	0.0 1.0 0.867 86.6 -50.8 1.8 50.9 178	0.0 1.0 0.867 86.6 -50.8 1.8 50.9 178	0.0 1.0 0.876 86.6 -50.2 0.9 50.3 179	0.0 1.0 0.876 86.6 -50.2 0.9 50.3 179	0.0 1.0 0.867 86.6 -50.8 1.8 50.9 178	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.94 87.0 -46.8 -6.5 47.4 188	0.0 1.0 0.94 87.0 -46.8 -6.5 47.4 188	0.0 1.0 0.467
180	179	189	0.0 1.0 0.883 86.7 -49.9 0.0 50.0 180	0.0 1.0 0.876 86.6 -50.2 0.9 50.3 179	0.0 1.0 0.876 86.6 -50.2 0.9 50.3 179	0.0 1.0 0.883 86.7 -49.9 0.0 50.0 180	0.0 1.0 0.883 86.7 -49.9 0.0 50.0 180	0.0 1.0 0.876 86.6 -50.2 0.9 50.3 179	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.947 87.1 -46.4 -7.3 47.1 189	0.0 1.0 0.947 87.1 -46.4 -7.3 47.1 189	0.0 1.0 0.483
181	180	190	0.0 1.0 0.89 86.7 -49.6 -0.8 49.7 181	0.0 1.0 0.883 86.7 -49.9 0.0 50.0 180	0.0 1.0 0.883 86.7 -49.9 0.0 50.0 180	0.0 1.0 0.89 86.7 -49.6 -0.8 49.7 181	0.0 1.0 0.89 86.7 -49.6 -0.8 49.7 181	0.0 1.0 0.883 86.7 -49.9 0.0 50.0 180	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.954 87.1 -45.9 -8.0 46.7 190	0.0 1.0 0.954 87.1 -45.9 -8.0 46.7 190	0.0 1.0 0.5
182	181	191	0.0 1.0 0.897 86.8 -49.2 -1.6 49.3 182	0.0 1.0 0.889 86.7 -49.6 -0.8 49.7 181	0.0 1.0 0.889 86.7 -49.6 -0.8 49.7 181	0.0 1.0 0.897 86.8 -49.2 -1.6 49.3 182	0.0 1.0 0.897 86.8 -49.2 -1.6 49.3 182	0.0 1.0 0.889 86.7 -49.6 -0.8 49.7 181	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.961 87.2 -45.5 -8.8 46.4 191	0.0 1.0 0.961 87.2 -45.5 -8.8 46.4 191	0.0 1.0 0.517
183	182	191	0.0 1.0 0.904 86.8 -48.8 -2.5 49.0 183	0.0 1.0 0.897 86.8 -49.2 -1.6 49.3 182	0.0 1.0 0.897 86.8 -49.2 -1.6 49.3 182	0.0 1.0 0.904 86.8 -48.8 -2.5 49.0 183	0.0 1.0 0.904 86.8 -48.8 -2.5 49.0 183	0.0 1.0 0.897 86.8 -49.2 -1.6 49.3 182	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.961 87.2 -45.5 -8.8 46.4 191	0.0 1.0 0.961 87.2 -45.5 -8.8 46.4 191	0.0 1.0 0.533
184	183	192	0.0 1.0 0.911 86.9 -48.5 -3.3 48.7 184	0.0 1.0 0.904 86.8 -48.8 -2.5 49.0 183	0.0 1.0 0.904 86.8 -48.8 -2.5 49.0 183	0.0 1.0 0.911 86.9 -48.5 -3.3 48.7 184	0.0 1.0 0.911 86.9 -48.5 -3.3 48.7 184	0.0 1.0 0.904 86.8 -48.8 -2.5 49.0 183	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.968 87.2 -45.0 -9.5 46.1 192	0.0 1.0 0.968 87.2 -45.0 -9.5 46.1 192	0.0 1.0 0.55
185	184	193	0.0 1.0 0.918 86.9 -48.1 -4.1 48.4 185	0.0 1.0 0.911 86.9 -48.5 -3.3 48.7 184	0.0 1.0 0.911 86.9 -48.5 -3.3 48.7 184	0.0 1.0 0.918 86.9 -48.1 -4.1 48.4 185	0.0 1.0 0.918 86.9 -48.1 -4.1 48.4 185	0.0 1.0 0.911 86.9 -48.5 -3.3 48.7 184	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.975 87.2 -44.5 -10.2 45.8 193	0.0 1.0 0.975 87.2 -44.5 -10.2 45.8 193	0.0 1.0 0.567
186	185	194	0.0 1.0 0.925 86.9 -47.7 -4.9 48.0 186	0.0 1.0 0.918 86.9 -48.1 -4.1 48.4 185	0.0 1.0 0.918 86.9 -48.1 -4.1 48.4 185	0.0 1.0 0.925 86.9 -47.7 -4.9 48.0 186	0.0 1.0 0.925 86.9 -47.7 -4.9 48.0 186	0.0 1.0 0.918 86.9 -48.1 -4.1 48.4 185	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.982 87.3 -44.0 -10.9 45.4 194	0.0 1.0 0.982 87.3 -44.0 -10.9 45.4 194	0.0 1.0 0.583
187	186	195	0.0 1.0 0.932 87.0 -47.3 -5.7 47.7 187	0.0 1.0 0.925 87.2 -45.5 -8.8 46.4 192	0.0 1.0 0.925 87.2 -45.5 -8.8 46.4 192	0.0 1.0 0.932 87.0 -47.3 -5.7 47.7 187	0.0 1.0 0.932 87.0 -47.3 -5.7 47.7 187	0.0 1.0 0.925 87.2 -45.5 -8.8 46.4 192	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.989 87.3 -43.5 -11.6 45.1 195	0.0 1.0 0.989 87.3 -43.5 -11.6 45.1 195	0.0 1.0 0.6
188	187	196	0.0 1.0 0.94 87.0 -46.8 -6.5 47.4 188	0.0 1.0 0.932 87.0 -47.3 -5.7 47.7 187	0.0 1.0 0.932 87.0 -47.3 -5.7 47.7 187	0.0 1.0 0.94 87.0 -46.8 -6.5 47.4 188	0.0 1.0 0.94 87.0 -46.8 -6.5 47.4 188	0.0 1.0 0.932 87.0 -47.3 -5.7 47.7 187	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.996 87.4 -43.0 -12.2 44.8 196	0.0 1.0 0.996 87.4 -43.0 -12.2 44.8 196	0.0 1.0 0.617
189	188	197	0.0 1.0 0.947 87.1 -46.4 -7.3 47.1 189	0.0 1.0 0.94 87.0 -46.8 -6.5 47.4 188	0.0 1.0 0.94 87.0 -46.8 -6.5 47.4 188	0.0 1.0 0.947 87.1 -46.4 -7.3 47.1 189	0.0 1.0 0.947 87.1 -46.4 -7.3 47.1 189	0.0 1.0 0.94 87.0 -46.8 -6.5 47.4 188	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.998 1.0 87.3 -42.5 -12.9 44.5 197	0.0 1.0 0.998 1.0 87.3 -42.5 -12.9 44.5 197	0.0 1.0 0.633
190	189	198	0.0 1.0 0.954 87.1 -45.9 -8.0 46.7 190	0.0 1.0 0.947 87.1 -46.4 -7.3 47.1 189	0.0 1.0 0.947 87.1 -46.4 -7.3 47.1 189	0.0 1.0 0.954 87.1 -45.9 -8.0 46.7 190	0.0 1.0 0.954 87.1 -45.9 -8.0 46.7 190	0.0 1.0 0.947 87.1 -46.4 -7.3 47.1 189	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.993 1.0 86.9 -42.0 -13.6 44.3 198	0.0 1.0 0.993 1.0 86.9 -42.0 -13.6 44.3 198	0.0 1.0 0.65
191	190	199	0.0 1.0 0.961 87.2 -45.5 -8.8 46.4 191	0.0 1.0 0.954 87.1 -45.9 -8.0 46.7 190	0.0 1.0 0.954 87.1 -45.9 -8.0 46.7 190	0.0 1.0 0.961 87.2 -45.5 -8.8 46.4 191	0.0 1.0 0.961 87.2 -45.5 -8.8 46.4 191	0.0 1.0 0.954 87.1 -45.9 -8.0 46.7 190	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.967 1.0 99.0 -41.5 -14.2 44.0 199	0.0 1.0 0.967 1.0 99.0 -41.5 -14.2 44.0 199	0.0 1.0 0.667
192	191	200	0.0 1.0 0.968 87.2 -45.0 -9.5 46.1 192	0.0 1.0 0.961 87.2 -45.5 -8.8 46.4 191	0.0 1.0 0.961 87.2 -45.5 -8.8 46.4 191	0.0 1.0 0.968 87.2 -45.0 -9.5 46.1 192	0.0 1.0 0.968 87.2 -45.0 -9.5 46.1 192	0.0 1.0 0.961 87.2 -45.5 -8.8 46.4 191	0.0 1.0 0.811 86.3 -54.2 7.6 54.8 172	0.0 1.0 0.982 1.0 86.2 -41.0 -14.9 43.8 200	0.0 1.0 0.982 1.0 86.2 -41.0 -14.9 43.8 200	0.0 1.0 0.683
193	192	201	0.0 1.0 0.975 87.2 -44.5 -10.2 45.8 193	0.0 1.0 0.968 87.2 -45.0 -9.5 46.1 192	0.0 1.0 0.968 87.2 -45.0 -9.5 46.1 192	0.0 1.0 0.975 87.2 -44.5 -10.2 45.8 193						

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours s:  $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;

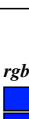
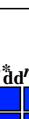
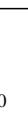
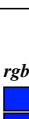
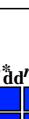
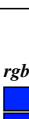
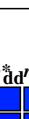
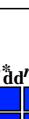
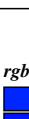
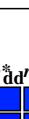
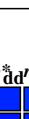
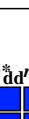
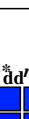
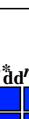
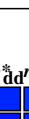
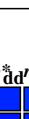
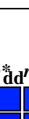
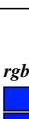
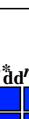
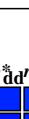
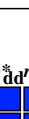
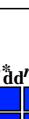
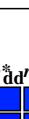
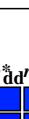
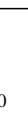
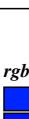
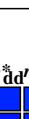
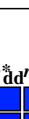
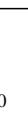
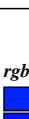
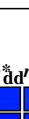
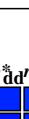
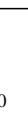
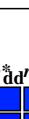
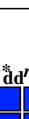
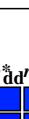
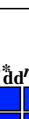
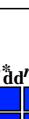
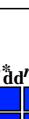
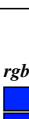
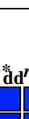
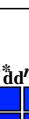
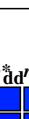
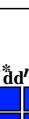
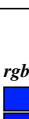
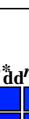
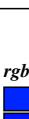
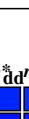
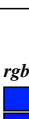
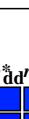
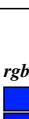
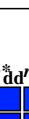
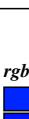
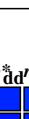
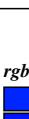
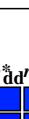
Six hue angles of the device colours d:  $h_{ab,d} = 31.9, 103.7, 137.6, 196.6, 302.8, 327.9$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix$ (x=LabCh)	$rgb^*ds361Mi$	$LAB^*ds361Mix$ (x=LabCh)	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix$ (x=LabCh)	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
211	210	217	0.0 0.924 1.0	82.4 -35.1 -21.1 41.1 211	0.0 0.93 1.0	82.8 -35.7 -20.6 41.3 210	0.0 1.0 1.0C <sub>s</sub>	0.0 0.893 1.0	80.4 -31.6 -23.8 39.6 217	0.0 1.0 1.0 1.0C <sub>e</sub>		
212	211	218	0.0 0.919 1.0	82.1 -34.5 -21.5 40.9 212	0.0 0.924 1.0	82.4 -35.1 -21.1 41.1 211	0.0 0.983 1.0	0.0 0.888 1.0	80.0 -30.9 -24.2 39.4 218	0.0 0.983 1.0		
213	212	219	0.0 0.914 1.0	81.7 -34.0 -22.0 40.6 213	0.0 0.919 1.0	82.1 -34.5 -21.5 40.9 212	0.0 0.967 1.0	0.0 0.882 1.0	79.7 -30.3 -24.5 39.2 219	0.0 0.967 1.0		
214	213	220	0.0 0.909 1.0	81.4 -33.4 -22.5 40.4 214	0.0 0.914 1.0	81.7 -34.0 -22.0 40.6 213	0.0 0.95 1.0	0.0 0.877 1.0	79.3 -29.7 -24.9 38.9 220	0.0 0.95 1.0		
215	214	221	0.0 0.903 1.0	81.0 -32.8 -22.9 40.1 215	0.0 0.909 1.0	81.4 -33.4 -22.5 40.4 214	0.0 0.933 1.0	0.0 0.872 1.0	79.0 -29.2 -25.4 38.8 221	0.0 0.933 1.0		
216	215	222	0.0 0.898 1.0	80.7 -32.2 -23.3 39.9 216	0.0 0.903 1.0	81.0 -32.8 -22.9 40.1 215	0.0 0.917 1.0	0.0 0.868 1.0	78.7 -28.8 -25.9 38.9 222	0.0 0.917 1.0		
217	216	222	0.0 0.893 1.0	80.4 -31.6 -23.8 39.6 217	0.0 0.898 1.0	80.7 -32.2 -23.3 39.9 216	0.0 0.9 1.0	0.0 0.868 1.0	78.7 -28.8 -25.9 38.9 222	0.0 0.9 1.0		
218	217	223	0.0 0.888 1.0	80.0 -30.9 -24.2 39.4 218	0.0 0.893 1.0	80.4 -31.6 -23.8 39.6 217	0.0 0.883 1.0	0.0 0.863 1.0	78.4 -28.4 -26.5 39.0 223	0.0 0.883 1.0		
219	218	224	0.0 0.882 1.0	79.7 -30.3 -24.5 39.2 219	0.0 0.888 1.0	80.0 -30.9 -24.2 39.4 218	0.0 0.867 1.0	0.0 0.859 1.0	78.1 -28.0 -27.0 39.0 224	0.0 0.867 1.0		
220	219	225	0.0 0.877 1.0	79.3 -29.7 -24.9 38.9 220	0.0 0.882 1.0	79.7 -30.3 -24.5 39.2 219	0.0 0.85 1.0	0.0 0.854 1.0	77.8 -27.6 -27.6 39.1 225	0.0 0.85 1.0		
221	220	226	0.0 0.872 1.0	79.0 -29.2 -25.4 38.8 221	0.0 0.877 1.0	79.3 -29.7 -24.9 38.9 220	0.0 0.833 1.0	0.0 0.85 1.0	77.5 -27.1 -28.1 39.2 226	0.0 0.833 1.0		
222	221	227	0.0 0.868 1.0	78.7 -28.8 -25.9 38.9 222	0.0 0.872 1.0	79.0 -29.2 -25.4 38.8 221	0.0 0.817 1.0	0.0 0.845 1.0	77.2 -26.7 -28.6 39.2 227	0.0 0.817 1.0		
223	222	228	0.0 0.863 1.0	78.4 -28.4 -26.5 39.0 223	0.0 0.868 1.0	78.7 -28.8 -25.9 38.9 222	0.0 0.8 1.0	0.0 0.841 1.0	76.9 -26.2 -29.1 39.3 228	0.0 0.8 1.0		
224	223	229	0.0 0.859 1.0	78.1 -28.0 -27.0 39.0 224	0.0 0.863 1.0	78.4 -28.4 -26.5 39.0 223	0.0 0.783 1.0	0.0 0.836 1.0	76.6 -25.7 -29.6 39.4 229	0.0 0.783 1.0		
225	224	230	0.0 0.854 1.0	77.8 -27.6 -27.6 39.1 225	0.0 0.859 1.0	78.1 -28.0 -27.0 39.0 224	0.0 0.767 1.0	0.0 0.831 1.0	76.3 -25.3 -30.1 39.4 230	0.0 0.767 1.0		
226	225	231	0.0 0.85 1.0	77.5 -27.1 -28.1 39.2 226	0.0 0.854 1.0	77.8 -27.6 -27.6 39.1 225	0.0 0.75 1.0	0.0 0.827 1.0	76.1 -24.8 -30.6 39.5 231	0.0 0.75 1.0		
227	226	232	0.0 0.845 1.0	77.2 -26.7 -28.6 39.2 227	0.0 0.85 1.0	77.5 -27.1 -28.1 39.2 226	0.0 0.733 1.0	0.0 0.822 1.0	75.8 -24.3 -31.1 39.6 232	0.0 0.733 1.0		
228	227	232	0.0 0.841 1.0	76.9 -26.2 -29.1 39.3 228	0.0 0.845 1.0	77.2 -26.7 -28.6 39.2 227	0.0 0.717 1.0	0.0 0.822 1.0	75.8 -24.3 -31.1 39.6 232	0.0 0.717 1.0		
229	228	233	0.0 0.836 1.0	76.6 -25.7 -29.6 39.4 229	0.0 0.841 1.0	76.9 -26.2 -29.1 39.3 228	0.0 0.7 1.0	0.0 0.818 1.0	75.5 -23.8 -31.6 39.6 233	0.0 0.7 1.0		
230	229	234	0.0 0.831 1.0	76.3 -25.3 -30.1 39.4 230	0.0 0.836 1.0	76.6 -25.7 -29.6 39.4 229	0.0 0.683 1.0	0.0 0.813 1.0	75.2 -23.2 -32.0 39.7 234	0.0 0.683 1.0		
231	230	235	0.0 0.827 1.0	76.1 -24.8 -30.6 39.5 231	0.0 0.831 1.0	76.3 -25.3 -30.1 39.4 230	0.0 0.667 1.0	0.0 0.809 1.0	74.9 -22.7 -32.5 39.8 235	0.0 0.667 1.0		
232	231	236	0.0 0.822 1.0	75.8 -24.3 -31.1 39.6 232	0.0 0.827 1.0	76.1 -24.8 -30.6 39.5 231	0.0 0.65 1.0	0.0 0.804 1.0	74.6 -22.2 -32.9 39.8 236	0.0 0.65 1.0		
233	232	237	0.0 0.818 1.0	75.5 -23.8 -31.6 39.6 233	0.0 0.822 1.0	75.8 -24.3 -31.1 39.6 232	0.0 0.633 1.0	0.0 0.8 1.0	74.3 -21.6 -33.4 39.9 237	0.0 0.633 1.0		
234	233	238	0.0 0.813 1.0	75.2 -23.2 -32.0 39.7 234	0.0 0.818 1.0	75.5 -23.8 -31.6 39.6 233	0.0 0.617 1.0	0.0 0.795 1.0	74.0 -21.1 -33.8 40.0 238	0.0 0.617 1.0		
235	234	239	0.0 0.809 1.0	74.9 -22.7 -32.5 39.8 235	0.0 0.813 1.0	75.2 -23.2 -32.0 39.7 234	0.0 0.6 1.0	0.0 0.79 1.0	73.7 -20.5 -34.2 40.0 239	0.0 0.6 1.0		
236	235	240	0.0 0.804 1.0	74.6 -22.2 -32.9 39.8 236	0.0 0.809 1.0	74.9 -22.7 -32.5 39.8 235	0.0 0.583 1.0	0.0 0.786 1.0	73.4 -20.0 -34.6 40.1 240	0.0 0.583 1.0		
237	236	241	0.0 0.8 1.0	74.3 -21.6 -33.4 39.9 237	0.0 0.804 1.0	74.6 -22.2 -32.9 39.8 236	0.0 0.567 1.0	0.0 0.781 1.0	73.1 -19.4 -35.0 40.2 241	0.0 0.567 1.0		
238	237	242	0.0 0.795 1.0	74.0 -21.1 -33.8 40.0 238	0.0 0.8 1.0	74.3 -21.6 -33.4 39.9 237	0.0 0.55 1.0	0.0 0.777 1.0	72.8 -18.8 -35.4 40.2 242	0.0 0.55 1.0		
239	238	243	0.0 0.79 1.0	73.7 -20.5 -34.2 40.0 239	0.0 0.795 1.0	74.0 -21.1 -33.8 40.0 238	0.0 0.533 1.0	0.0 0.772 1.0	72.5 -18.2 -35.8 40.3 243	0.0 0.533 1.0		
240	239	243	0.0 0.786 1.0	73.4 -20.0 -34.6 40.1 240	0.0 0.79 1.0	73.7 -20.5 -34.2 40.0 239	0.0 0.517 1.0	0.0 0.772 1.0	72.5 -18.2 -35.8 40.3 243	0.0 0.517 1.0		
241	240	244	0.0 0.781 1.0	73.1 -19.4 -35.0 40.2 241	0.0 0.786 1.0	73.4 -20.0 -34.6 40.1 240	0.0 0.5 1.0	0.0 0.768 1.0	72.2 -17.6 -36.2 40.4 244	0.0 0.5 1.0		
242	241	245	0.0 0.777 1.0	72.8 -18.8 -35.4 40.2 242	0.0 0.781 1.0	73.1 -19.4 -35.0 40.2 241	0.0 0.483 1.0	0.0 0.763 1.0	71.9 -17.0 -36.5 40.4 245	0.0 0.483 1.0		
243	242	246	0.0 0.772 1.0	72.5 -18.2 -35.8 40.3 243	0.0 0.777 1.0	72.8 -18.8 -35.4 40.2 242	0.0 0.467 1.0	0.0 0.759 1.0	71.6 -16.4 -36.9 40.5 246	0.0 0.467 1.0		
244	243	247	0.0 0.768 1.0	72.2 -17.6 -36.2 40.4 244	0.0 0.772 1.0	72.5 -18.2 -35.8 40.3 243	0.0 0.45 1.0	0.0 0.754 1.0	71.3 -15.8 -37.2 40.6 247	0.0 0.45 1.0		
245	244	248	0.0 0.763 1.0	71.9 -17.0 -36.5 40.4 245	0.0 0.768 1.0	72.2 -17.6 -36.2 40.4 244	0.0 0.433 1.0	0.0 0.749 1.0	71.0 -15.1 -37.6 40.7 248	0.0 0.433 1.0		
246	245	249	0.0 0.759 1.0	71.6 -16.4 -36.9 40.5 246	0.0 0.763 1.0	71.9 -17.0 -36.5 40.4 245	0.0 0.417 1.0	0.0 0.744 1.0	70.7 -14.6 -38.3 41.1 249	0.0 0.417 1.0		
247	246	250	0.0 0.754 1.0	71.3 -15.8 -37.2 40.6 247	0.0 0.759 1.0	71.6 -16.4 -36.9 40.5 246	0.0 0.4 1.0	0.0 0.738 1.0	70.3 -14.1 -38.9 41.5 250	0.0 0.4 1.0		
248	247	251	0.0 0.749 1.0	71.0 -15.1 -37.6 40.7 248	0.0 0.754 1.0	71.3 -15.8 -37.2 40.6 247	0.0 0.383 1.0	0.0 0.732 1.0	70.0 -13.6 -39.6 41.9 251	0.0 0.383 1.0		
249	248	252	0.0 0.744 1.0	70.7 -14.6 -38.3 41.1 249	0.0 0.749 1.0	71.0 -15.1 -37.6 40.7 248	0.0 0.367 1.0	0.0 0.727 1.0	69.6 -13.0 -40.2 42.4 252	0.0 0.367 1.0		
250	249	253	0.0 0.738 1.0	70.3 -14.1 -38.9 41.5 250	0.0 0.744 1.0	70.7 -14.6 -38.3 41.1 249	0.0 0.35 1.0	0.0 0.721 1.0	69.3 -12.4 -40.8 42.8 253	0.0 0.35 1.0		
251	250	253	0.0 0.732 1.0	70.0 -13.6 -39.6 41.9 251	0.0 0.738 1.0	70.3 -14.1 -38.9 41.5 250	0.0 0.333 1.0	0.0 0.721 1.0	69.3 -12.4 -40.8 42.8 253	0.0 0.333 1.0		
252	251	254	0.0 0.727 1.0	69.6 -13.0 -40.2 42.4 252	0.0 0.732 1.0	70.0 -13.6 -39.6 41.9 251	0.0 0.317 1.0	0.0 0.715 1.0	68.9 -11.8 -41.4 43.2 254	0.0 0.317 1.0		
253	252	255	0.0 0.721 1.0	69.3 -12.4 -40.8 42.8 253	0.0 0.727 1.0	69.6 -13.0 -40.2 42.4 252	0.0 0.3 1.0	0.0 0.709 1.0	68.5 -11.2 -42.0 43.6 255	0.0 0.3 1.0		
254	253	256	0.0 0.715 1.0	68.9 -11.8 -41.4 43.2 254	0.0 0.721 1.0	69.3 -12.4 -40.8 42.8 253	0.0 0.283 1.0	0.0 0.704 1.0	68.2 -10.6 -42.6 44.1 256	0.0 0.283 1.0		
255	254	257	0.0 0.709 1.0	68.5 -11.2 -42.0 43.6 255	0.0 0.715 1.0	68.9 -11.8 -41.4 43.2 254	0.0 0.267 1.0	0.0 0.698 1.0	67.8 -9.9 -43.2 44.5 257	0.0 0.267 1.0		
256	255	258	0.0 0.704 1.0	68.2 -10.6 -42.6 44.1 256	0.0 0.709 1.0	68.5 -11.2 -42.0 43.6 255	0.0 0.25 1.0	0.0 0.692 1.0	67.5 -9.2 -43.8 44.9 258	0.0 0.25 1.0		

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours s:  $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;

Six hue angles of the device colours d:  $h_{ab,d} = 31.9, 103.7, 137.6, 196.6, 302.8, 327.9$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
256	255	258	0.0 0.704 1.0	68.2 -10.6 -42.6 44.1 256	0.0 0.709 1.0	68.5 -11.2 -42.0 43.6 255	0.0 0.25 1.0	0.0 0.692 1.0	67.5 -9.2 -43.8 44.9 258	0.0 0.25 1.0	0.0	0.0
257	256	259	0.0 0.698 1.0	67.8 -9.9 -43.2 44.5 257	0.0 0.704 1.0	68.2 -10.6 -42.6 44.1 256	0.0 0.233 1.0	0.0 0.687 1.0	67.1 -8.5 -44.4 45.3 259	0.0 0.233 1.0	0.0	0.0
258	257	260	0.0 0.692 1.0	67.5 -9.2 -43.8 44.9 258	0.0 0.698 1.0	67.8 -9.9 -43.2 44.5 257	0.0 0.217 1.0	0.0 0.681 1.0	66.8 -7.8 -44.9 45.7 260	0.0 0.217 1.0	0.0	0.0
259	258	261	0.0 0.687 1.0	67.1 -8.5 -44.4 45.3 259	0.0 0.692 1.0	67.5 -9.2 -43.8 44.9 258	0.0 0.2 1.0	0.0 0.675 1.0	66.4 -7.1 -45.5 46.2 261	0.0 0.2 1.0	0.0	0.0
260	259	262	0.0 0.681 1.0	66.8 -7.8 -44.9 45.7 260	0.0 0.687 1.0	67.1 -8.5 -44.4 45.3 259	0.0 0.183 1.0	0.0 0.67 1.0	66.1 -6.4 -46.0 46.6 262	0.0 0.183 1.0	0.0	0.0
261	260	263	0.0 0.675 1.0	66.4 -7.1 -45.5 46.2 261	0.0 0.681 1.0	66.8 -7.8 -44.9 45.7 260	0.0 0.167 1.0	0.0 0.664 1.0	65.7 -5.6 -46.6 47.0 263	0.0 0.167 1.0	0.0	0.0
262	261	264	0.0 0.67 1.0	66.1 -6.4 -46.0 46.6 262	0.0 0.675 1.0	66.4 -7.1 -45.5 46.2 261	0.0 0.15 1.0	0.0 0.658 1.0	65.3 -4.9 -47.1 47.4 264	0.0 0.15 1.0	0.0	0.0
263	262	264	0.0 0.664 1.0	65.7 -5.6 -46.6 47.0 263	0.0 0.67 1.0	66.1 -6.4 -46.0 46.6 262	0.0 0.133 1.0	0.0 0.658 1.0	65.3 -4.9 -47.1 47.4 264	0.0 0.133 1.0	0.0	0.0
264	263	265	0.0 0.658 1.0	65.3 -4.9 -47.1 47.4 264	0.0 0.664 1.0	65.7 -5.6 -46.6 47.0 263	0.0 0.117 1.0	0.0 0.653 1.0	65.0 -4.1 -47.6 47.9 265	0.0 0.117 1.0	0.0	0.0
265	264	266	0.0 0.653 1.0	65.0 -4.1 -47.6 47.9 265	0.0 0.658 1.0	65.3 -4.9 -47.1 47.4 264	0.0 0.1 1.0	0.0 0.647 1.0	64.6 -3.3 -48.1 48.3 266	0.0 0.1 1.0	0.0	0.0
266	265	267	0.0 0.647 1.0	64.6 -3.3 -48.1 48.3 266	0.0 0.653 1.0	65.0 -4.1 -47.6 47.9 265	0.0 0.083 1.0	0.0 0.641 1.0	64.3 -2.4 -48.5 48.7 267	0.0 0.083 1.0	0.0	0.0
267	266	268	0.0 0.641 1.0	64.3 -2.4 -48.5 48.7 267	0.0 0.647 1.0	64.6 -3.3 -48.1 48.3 266	0.0 0.067 1.0	0.0 0.636 1.0	63.9 -1.6 -49.0 49.1 268	0.0 0.067 1.0	0.0	0.0
268	267	269	0.0 0.636 1.0	63.9 -1.6 -49.0 49.1 268	0.0 0.641 1.0	64.3 -2.4 -48.5 48.7 267	0.0 0.05 1.0	0.0 0.63 1.0	63.6 -0.8 -49.4 49.5 269	0.0 0.05 1.0	0.0	0.0
269	268	270	0.0 0.63 1.0	63.6 -0.8 -49.4 49.5 269	0.0 0.636 1.0	63.9 -1.6 -49.0 49.1 268	0.0 0.033 1.0	0.0 0.624 1.0	63.2 0.0 -49.9 50.0 270	0.0 0.033 1.0	0.0	0.0
270	269	271	0.0 0.624 1.0	63.2 0.0 -49.9 50.0 270	0.0 0.63 1.0	63.6 -0.8 -49.4 49.5 269	0.0 0.017 1.0	0.0 0.615 1.0	62.7 0.9 -50.9 51.0 271	0.0 0.017 1.0	0.0	0.0
271	270	272	0.0 0.615 1.0	62.7 0.9 -50.9 51.0 271	0.0 0.624 1.0	63.2 0.0 -49.9 50.0 270	0.0 0.0 1.0	1.0B <sub>s</sub>	0.0 0.606 1.0	62.2 1.8 -51.8 51.9 272	0.0 0.0 1.0	1.0B <sub>e</sub>
272	271	273	0.0 0.606 1.0	62.2 1.8 -51.8 51.9 272	0.0 0.615 1.0	62.7 0.9 -50.9 51.0 271	0.0 0.017 1.0	1.0	0.0 0.598 1.0	61.7 2.8 -52.7 52.9 273	0.0 0.017 1.0	1.0
273	272	274	0.0 0.598 1.0	61.7 2.8 -52.7 52.9 273	0.0 0.606 1.0	62.2 1.8 -51.8 51.9 272	0.0 0.033 1.0	1.0	0.0 0.589 1.0	61.1 3.8 -53.6 53.8 274	0.0 0.033 1.0	1.0
274	273	275	0.0 0.589 1.0	61.1 3.8 -53.6 53.8 274	0.0 0.598 1.0	61.7 2.8 -52.7 52.9 273	0.0 0.05 1.0	1.0	0.0 0.58 1.0	60.6 4.8 -54.5 54.8 275	0.0 0.05 1.0	1.0
275	274	276	0.0 0.58 1.0	60.6 4.8 -54.5 54.8 275	0.0 0.589 1.0	61.1 3.8 -53.6 53.8 274	0.0 0.067 1.0	1.0	0.0 0.571 1.0	60.1 5.8 -55.3 55.7 276	0.0 0.067 1.0	1.0
276	275	276	0.0 0.571 1.0	60.1 5.8 -55.3 55.7 276	0.0 0.58 1.0	60.6 4.8 -54.5 54.8 275	0.0 0.083 1.0	1.0	0.0 0.571 1.0	60.1 5.8 -55.3 55.7 276	0.0 0.083 1.0	1.0
277	276	277	0.0 0.563 1.0	59.6 6.9 -56.2 56.7 277	0.0 0.571 1.0	60.1 5.8 -55.3 55.7 276	0.1 0.0	1.0	0.0 0.563 1.0	59.6 6.9 -56.2 56.7 277	0.1 0.0	1.0
278	277	278	0.0 0.554 1.0	59.1 8.0 -57.0 57.6 278	0.0 0.563 1.0	59.6 6.9 -56.2 56.7 277	0.117 0.0	1.0	0.0 0.554 1.0	59.1 8.0 -57.0 57.6 278	0.117 0.0	1.0
279	278	279	0.0 0.545 1.0	58.6 9.2 -57.8 58.6 279	0.0 0.554 1.0	59.1 8.0 -57.0 57.6 278	0.133 0.0	1.0	0.0 0.545 1.0	58.6 9.2 -57.8 58.6 279	0.133 0.0	1.0
280	279	280	0.0 0.536 1.0	58.1 10.3 -58.5 59.5 280	0.0 0.545 1.0	58.6 9.2 -57.8 58.6 279	0.15 0.0	1.0	0.0 0.536 1.0	58.1 10.3 -58.5 59.5 280	0.15 0.0	1.0
281	280	281	0.0 0.528 1.0	57.6 11.5 -59.3 60.5 281	0.0 0.536 1.0	58.1 10.3 -58.5 59.5 280	0.167 0.0	1.0	0.0 0.528 1.0	57.6 11.5 -59.3 60.5 281	0.167 0.0	1.0
282	281	282	0.0 0.519 1.0	57.1 12.8 -60.0 61.4 282	0.0 0.528 1.0	57.6 11.5 -59.3 60.5 281	0.183 0.0	1.0	0.0 0.519 1.0	57.1 12.8 -60.0 61.4 282	0.183 0.0	1.0
283	282	283	0.0 0.51 1.0	56.6 14.0 -60.7 62.4 283	0.0 0.519 1.0	57.1 12.8 -60.0 61.4 282	0.2 0.0	1.0	0.0 0.51 1.0	56.6 14.0 -60.7 62.4 283	0.2 0.0	1.0
284	283	284	0.0 0.502 1.0	56.0 15.3 -61.3 63.3 284	0.0 0.51 1.0	56.6 14.0 -60.7 62.4 283	0.217 0.0	1.0	0.0 0.502 1.0	56.0 15.3 -61.3 63.3 284	0.217 0.0	1.0
285	284	285	0.0 0.489 1.0	55.4 16.8 -62.5 64.8 285	0.0 0.502 1.0	56.0 15.3 -61.3 63.3 284	0.233 0.0	1.0	0.0 0.489 1.0	55.4 16.8 -62.5 64.8 285	0.233 0.0	1.0
286	285	286	0.0 0.475 1.0	54.6 18.3 -63.8 66.5 286	0.0 0.489 1.0	55.4 16.8 -62.5 64.8 285	0.25 0.0	1.0	0.0 0.475 1.0	54.6 18.3 -63.8 66.5 286	0.25 0.0	1.0
287	286	287	0.0 0.461 1.0	53.9 19.9 -65.1 68.1 287	0.0 0.475 1.0	54.6 18.3 -63.8 66.5 286	0.267 0.0	1.0	0.0 0.461 1.0	53.9 19.9 -65.1 68.1 287	0.267 0.0	1.0
288	287	288	0.0 0.447 1.0	53.2 21.6 -66.3 69.8 288	0.0 0.461 1.0	53.9 19.9 -65.1 68.1 287	0.283 0.0	1.0	0.0 0.447 1.0	53.2 21.6 -66.3 69.8 288	0.283 0.0	1.0
289	288	289	0.0 0.433 1.0	52.5 23.3 -67.5 71.4 289	0.0 0.447 1.0	53.2 21.6 -66.3 69.8 288	0.3 0.0	1.0	0.0 0.433 1.0	52.5 23.3 -67.5 71.4 289	0.3 0.0	1.0
290	289	290	0.0 0.419 1.0	51.8 25.0 -68.6 73.1 290	0.0 0.433 1.0	52.5 23.3 -67.5 71.4 289	0.317 0.0	1.0	0.0 0.419 1.0	51.8 25.0 -68.6 73.1 290	0.317 0.0	1.0
291	290	291	0.0 0.405 1.0	51.0 26.8 -69.7 74.7 291	0.0 0.419 1.0	51.8 25.0 -68.6 73.1 290	0.333 0.0	1.0	0.0 0.405 1.0	51.0 26.8 -69.7 74.7 291	0.333 0.0	1.0
292	291	292	0.0 0.391 1.0	50.3 28.6 -70.7 76.4 292	0.0 0.405 1.0	51.0 26.8 -69.7 74.7 291	0.35 0.0	1.0	0.0 0.391 1.0	50.3 28.6 -70.7 76.4 292	0.35 0.0	1.0
293	292	293	0.0 0.377 1.0	49.6 30.5 -71.7 78.0 293	0.0 0.391 1.0	50.3 28.6 -70.7 76.4 292	0.367 0.0	1.0	0.0 0.377 1.0	49.6 30.5 -71.7 78.0 293	0.367 0.0	1.0
294	293	294	0.0 0.355 1.0	48.7 32.7 -73.3 80.4 294	0.0 0.377 1.0	49.6 30.5 -71.7 78.0 293	0.383 0.0	1.0	0.0 0.355 1.0	48.7 32.7 -73.3 80.4 294	0.383 0.0	1.0
295	294	294	0.0 0.333 1.0	47.8 35.0 -74.9 82.8 295	0.0 0.355 1.0	48.7 32.7 -73.3 80.4 294	0.4 0.0	1.0	0.0 0.355 1.0	48.7 32.7 -73.3 80.4 294	0.4 0.0	1.0
296	295	295	0.0 0.31 1.0	46.8 37.3 -76.5 85.2 296	0.0 0.333 1.0	47.8 35.0 -74.9 82.8 295	0.417 0.0	1.0	0.0 0.333 1.0	47.8 35.0 -74.9 82.8 295	0.417 0.0	1.0
297	296	296	0.0 0.287 1.0	45.9 39.8 -77.9 87.6 297	0.0 0.31 1.0	46.8 37.3 -76.5 85.2 296	0.433 0.0	1.0	0.0 0.31 1.0	46.8 37.3 -76.5 85.2 296	0.433 0.0	1.0
298	297	297	0.0 0.264 1.0	45.0 42.3 -79.4 90.0 298	0.0 0.287 1.0	45.9 39.8 -77.9 87.6 297	0.45 0.0	1.0	0.0 0.287 1.0	45.9 39.8 -77.9 87.6 297	0.45 0.0	1.0
299	298	298	0.0 0.234 1.0	44.0 44.9 -81.0 92.7 299	0.0 0.264 1.0	45.0 42.3 -79.4 90.0 298	0.467 0.0	1.0	0.0 0.264 1.0	45.0 42.3 -79.4 90.0 298	0.467 0.0	1.0
300	299	299	0.0 0.192 1.0	42.9 47.9 -82.8 95.7 300	0.0 0.234 1.0	44.0 44.9 -81.0 92.7 299	0.483 0.0	1.0	0.0 0.234 1.0	44.0 44.9 -81.0 92.7 299	0.483 0.0	1.0
301	300	300	0.0 0.15 1.0	41.8 50.9 -84.6 98.8 301	0.0 0.192 1.0	42.9 47.9 -82.8 95.7 300	0.5 0.0	1.0	0.0 0.192 1.0	42.9 47.9 -82.8 95.7 300	0.5 0.0	1.0

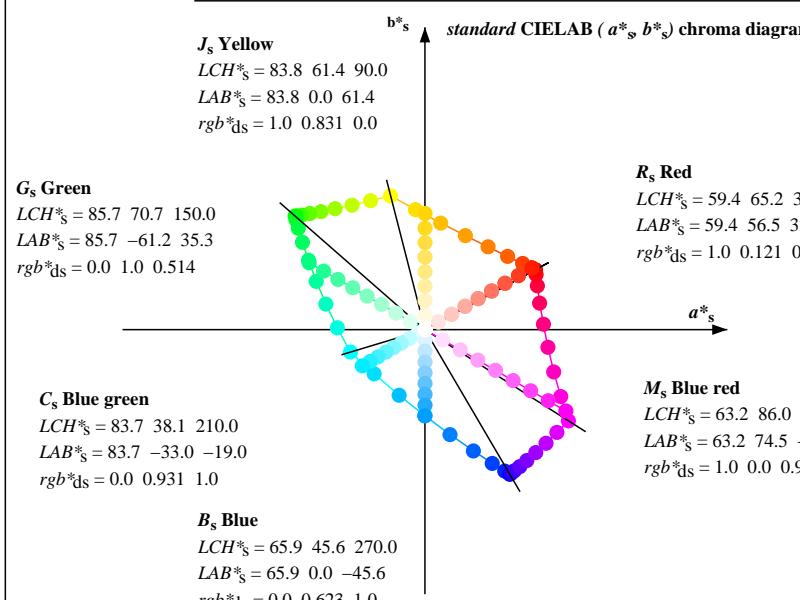
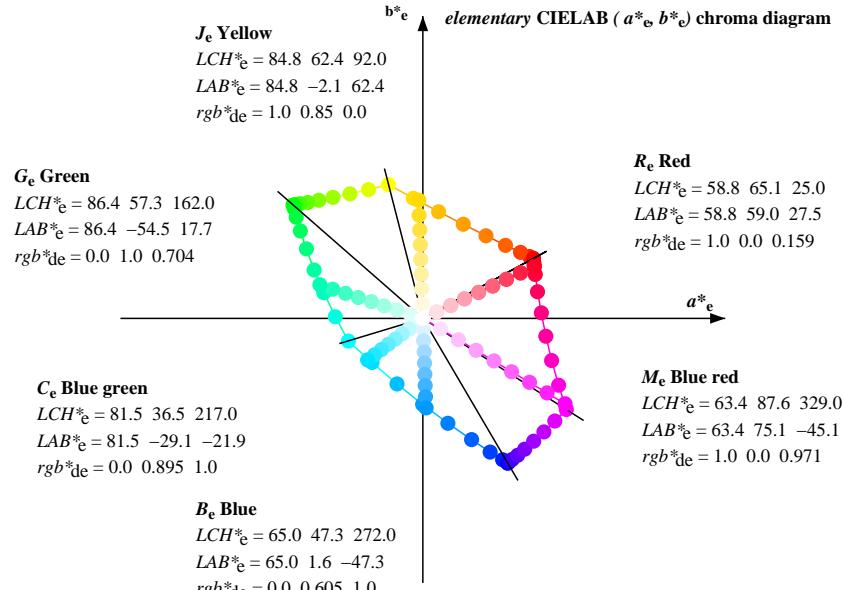
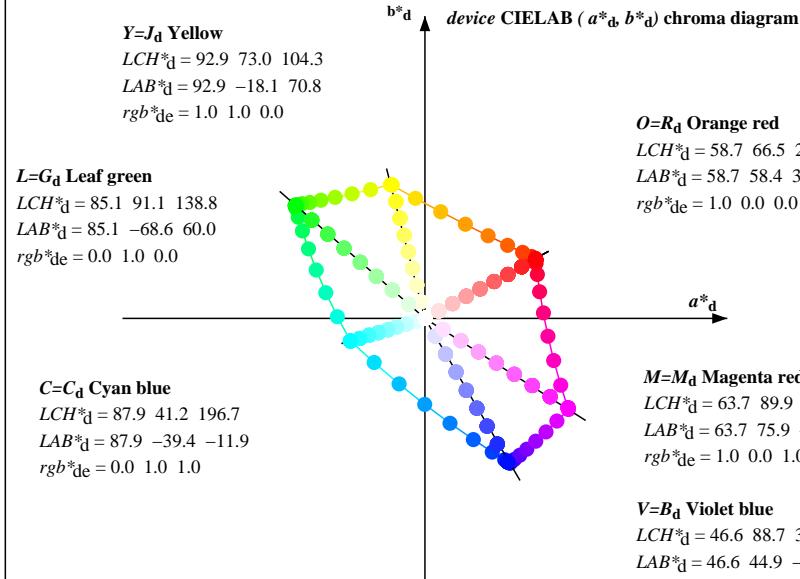
Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ; Six hue angles of the device colours d: $h_{ab,d} = 31.9, 103.7, 137.6, 196.6, 302.8, 327.9$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$															
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*dd$	$rgb^*dr$	$rgb^*ds$	$rgb^*de$	
301	300	300	0.0 0.15 1.0	41.8 50.9 -84.6 98.8 301	0.0 0.192 1.0	42.9 47.9 -82.8 95.7 300	0.5 0.0	1.0	0.0 0.192 1.0	42.9 47.9 -82.8 95.7 300	0.5 0.0	1.0			
302	301	301	0.0 0.082 1.0	40.6 54.1 -86.4 102.0 302B_d	0.0 0.15 1.0	41.8 50.9 -84.6 98.8 301	0.517 0.0	1.0	0.0 0.15 1.0	41.8 50.9 -84.6 98.8 301	0.517 0.0	1.0			
303	302	302	0.06 0.0 1.0	39.9 57.0 -87.6 104.6 303	0.0 0.082 1.0	40.6 54.1 -86.4 102.0 302	0.533 0.0	1.0	0.0 0.082 1.0	40.6 54.1 -86.4 102.0 302	0.533 0.0	1.0			
304	303	303	0.2 0.0 1.0	40.8 58.2 -86.2 104.1 304	0.06 0.0 1.0	39.9 57.0 -87.6 104.6 303	0.55 0.0	1.0	0.06 0.0 1.0	39.9 57.0 -87.6 104.6 303	0.55 0.0	1.0			
305	304	304	0.28 0.0 1.0	41.6 59.4 -84.7 103.6 305	0.2 0.0 1.0	40.8 58.2 -86.2 104.1 304	0.567 0.0	1.0	0.2 0.0 1.0	40.8 58.2 -86.2 104.1 304	0.567 0.0	1.0			
306	305	305	0.34 0.0 1.0	42.5 60.6 -83.3 103.1 306	0.28 0.0 1.0	41.6 59.4 -84.7 103.6 305	0.583 0.0	1.0	0.28 0.0 1.0	41.6 59.4 -84.7 103.6 305	0.583 0.0	1.0			
307	306	306	0.392 0.0 1.0	43.3 61.8 -81.9 102.7 307	0.34 0.0 1.0	42.5 60.6 -83.3 103.1 306	0.6 0.0	1.0	0.34 0.0 1.0	42.5 60.6 -83.3 103.1 306	0.6 0.0	1.0			
308	307	307	0.434 0.0 1.0	44.1 63.0 -80.5 102.3 308	0.392 0.0 1.0	43.3 61.8 -81.9 102.7 307	0.617 0.0	1.0	0.392 0.0 1.0	43.3 61.8 -81.9 102.7 307	0.617 0.0	1.0			
309	308	308	0.476 0.0 1.0	45.0 64.1 -79.1 101.9 309	0.434 0.0 1.0	44.1 63.0 -80.5 102.3 308	0.633 0.0	1.0	0.434 0.0 1.0	44.1 63.0 -80.5 102.3 308	0.633 0.0	1.0			
310	309	309	0.514 0.0 1.0	45.8 65.3 -77.7 101.5 310	0.476 0.0 1.0	45.0 64.1 -79.1 101.9 309	0.65 0.0	1.0	0.476 0.0 1.0	45.0 64.1 -79.1 101.9 309	0.65 0.0	1.0			
311	310	310	0.547 0.0 1.0	46.6 66.4 -76.3 101.2 311	0.514 0.0 1.0	45.8 65.3 -77.7 101.5 310	0.667 0.0	1.0	0.514 0.0 1.0	45.8 65.3 -77.7 101.5 310	0.667 0.0	1.0			
312	311	311	0.581 0.0 1.0	47.5 67.5 -74.9 100.9 312	0.547 0.0 1.0	46.6 66.4 -76.3 101.2 311	0.683 0.0	1.0	0.547 0.0 1.0	46.6 66.4 -76.3 101.2 311	0.683 0.0	1.0			
313	312	312	0.614 0.0 1.0	48.3 68.6 -73.5 100.6 313	0.581 0.0 1.0	47.5 67.5 -74.9 100.9 312	0.7 0.0	1.0	0.581 0.0 1.0	47.5 67.5 -74.9 100.9 312	0.7 0.0	1.0			
314	313	312	0.644 0.0 1.0	49.1 69.8 -72.1 100.4 314	0.614 0.0 1.0	48.3 68.6 -73.5 100.6 313	0.717 0.0	1.0	0.581 0.0 1.0	47.5 67.5 -74.9 100.9 312	0.717 0.0	1.0			
315	314	313	0.672 0.0 1.0	50.0 70.9 -70.8 100.2 315	0.644 0.0 1.0	49.1 69.8 -72.1 100.4 314	0.733 0.0	1.0	0.614 0.0 1.0	48.3 68.6 -73.5 100.6 313	0.733 0.0	1.0			
316	315	314	0.7 0.0 1.0	50.8 72.0 -69.4 100.0 316	0.672 0.0 1.0	50.0 70.9 -70.8 100.2 315	0.75 0.0	1.0	0.644 0.0 1.0	49.1 69.8 -72.1 100.4 314	0.75 0.0	1.0			
317	316	315	0.729 0.0 1.0	51.6 73.0 -68.0 99.9 317	0.7 0.0 1.0	50.8 72.0 -69.4 100.0 316	0.767 0.0	1.0	0.672 0.0 1.0	50.0 70.9 -70.8 100.2 315	0.767 0.0	1.0			
318	317	316	0.756 0.0 1.0	52.4 74.1 -66.6 99.7 318	0.729 0.0 1.0	51.6 73.0 -68.0 99.9 317	0.783 0.0	1.0	0.7 0.0 1.0	50.8 72.0 -69.4 100.0 316	0.783 0.0	1.0			
319	318	317	0.782 0.0 1.0	53.3 75.2 -65.3 99.7 319	0.756 0.0 1.0	52.4 74.1 -66.6 99.7 318	0.8 0.0	1.0	0.729 0.0 1.0	51.6 73.0 -68.0 99.9 317	0.8 0.0	1.0			
320	319	318	0.807 0.0 1.0	54.1 76.3 -63.9 99.6 320	0.782 0.0 1.0	53.3 75.2 -65.3 99.7 319	0.817 0.0	1.0	0.756 0.0 1.0	52.4 74.1 -66.6 99.7 318	0.817 0.0	1.0			
321	320	319	0.833 0.0 1.0	54.9 77.4 -62.5 99.5 321	0.807 0.0 1.0	54.1 76.3 -63.9 99.6 320	0.833 0.0	1.0	0.782 0.0 1.0	53.3 75.2 -65.3 99.7 319	0.833 0.0	1.0			
322	321	320	0.858 0.0 1.0	55.7 78.4 -61.2 99.5 322	0.833 0.0 1.0	54.9 77.4 -62.5 99.5 321	0.85 0.0	1.0	0.807 0.0 1.0	54.1 76.3 -63.9 99.6 320	0.85 0.0	1.0			
323	322	321	0.883 0.0 1.0	56.6 79.4 -59.8 99.5 323	0.858 0.0 1.0	55.7 78.4 -61.2 99.5 322	0.867 0.0	1.0	0.833 0.0 1.0	54.9 77.4 -62.5 99.5 321	0.867 0.0	1.0			
324	323	322	0.907 0.0 1.0	57.4 80.6 -58.4 99.6 324	0.883 0.0 1.0	56.6 79.4 -59.8 99.5 323	0.883 0.0	1.0	0.858 0.0 1.0	55.7 78.4 -61.2 99.5 322	0.883 0.0	1.0			
325	324	323	0.931 0.0 1.0	58.2 81.6 -57.1 99.7 325	0.907 0.0 1.0	57.4 80.6 -58.4 99.6 324	0.9 0.0	1.0	0.883 0.0 1.0	56.6 79.4 -59.8 99.5 323	0.9 0.0	1.0			
326	325	324	0.955 0.0 1.0	59.1 82.7 -57.5 99.7 326	0.935 0.0 1.0	59.1 82.7 -57.5 99.7 325	0.933 0.0	1.0	0.931 0.0 1.0	58.2 81.6 -57.1 99.7 325	0.933 0.0	1.0			
327	326	325	1.0 0.0	0.998 60.6 84.6 -52.7 99.7 328	0.979 0.0 1.0	59.9 83.7 -54.3 99.8 327	0.95 0.0	1.0	0.955 0.0 1.0	59.1 82.7 -55.7 99.7 326	0.95 0.0	1.0			
329	328	327	1.0 0.0	0.977 60.4 84.0 -50.4 98.0 329	1.0 0.0	0.998 60.6 84.6 -52.7 99.7 328	0.967 0.0	1.0	0.979 0.0 1.0	59.9 83.7 -54.3 99.8 327	0.967 0.0	1.0			
330	329	328	1.0 0.0	0.956 60.1 83.4 -48.0 96.3 330	1.0 0.0	0.977 60.4 84.0 -50.4 98.0 329	0.983 0.0	1.0	1.0 0.0	0.998 60.6 84.6 -52.7 99.7 328	0.983 0.0	1.0			
331	330	329	1.0 0.0	0.936 59.9 82.7 -45.8 94.6 331	1.0 0.0	0.956 60.1 83.4 -48.0 96.3 330	1.0 0.0	1.0	0.977 60.4 84.0 -50.4 98.0 329	1.0 0.0	1.0				
332	331	330	1.0 0.0	0.915 59.7 82.0 -43.5 92.9 332	1.0 0.0	0.936 59.9 82.7 -45.8 94.6 331	1.0 0.0	1.0	0.956 60.1 83.4 -48.0 96.3 330	1.0 0.0	1.0				
333	332	331	1.0 0.0	0.894 59.4 81.2 -41.3 91.2 333	1.0 0.0	0.915 59.7 82.0 -43.5 92.9 332	1.0 0.0	1.0	0.936 59.9 82.7 -45.8 94.6 331	1.0 0.0	1.0				
334	333	331	1.0 0.0	0.874 59.2 80.4 -39.1 89.5 334	1.0 0.0	0.894 59.4 81.2 -41.3 91.2 333	1.0 0.0	1.0	0.936 59.9 82.7 -45.8 94.6 331	1.0 0.0	1.0				
335	334	332	1.0 0.0	0.858 59.0 80.1 -37.3 88.4 335	1.0 0.0	0.874 59.2 80.4 -39.1 89.5 334	1.0 0.0	1.0	0.915 59.7 82.0 -43.5 92.9 332	1.0 0.0	1.0				
336	335	333	1.0 0.0	0.842 58.9 79.7 -35.4 87.3 336	1.0 0.0	0.858 59.0 80.1 -37.3 88.4 335	1.0 0.0	1.0	0.917 59.9 82.7 -45.8 94.6 333	1.0 0.0	1.0				
337	336	334	1.0 0.0	0.826 58.7 79.3 -33.6 86.2 337	1.0 0.0	0.842 58.9 79.7 -35.4 87.3 336	1.0 0.0	1.0	0.9 59.1 82.7 -48.0 96.3 330	1.0 0.0	1.0				
338	337	335	1.0 0.0	0.81 58.6 78.9 -31.8 85.1 338	1.0 0.0	0.826 58.7 79.3 -33.6 86.2 337	1.0 0.0	1.0	0.883 59.0 80.1 -37.3 88.4 335	1.0 0.0	1.0				
339	338	336	1.0 0.0	0.794 58.4 78.4 -30.0 84.0 339	1.0 0.0	0.81 58.6 78.9 -31.8 85.1 338	1.0 0.0	1.0	0.867 59.2 80.4 -34.1 89.5 334	1.0 0.0	1.0				
340	339	337	1.0 0.0	0.778 58.3 77.8 -28.2 82.8 340	1.0 0.0										

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours s:  $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;

Six hue angles of the device colours d:  $h_{ab,d} = 31.9, 103.7, 137.6, 196.6, 302.8, 327.9$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix (x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix (x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix (x=LabCh)$	$rgb^*e50M$	$rgb^*ddr$	$rgb^*ds$	$rgb^*de$	
346	345	343	1.0 0.0 0.696	57.6 75.6 18.8	1.0 0.0 0.709	57.7 76.1 -20.3	78.8 345	1.0 0.0 0.75	1.0 0.0 0.735	57.9 76.6 -23.3	80.1 343	1.0 0.0 0.75	0.75	0.75
347	346	344	1.0 0.0 0.684	57.5 75.5 -17.3	1.0 0.0 0.696	57.6 75.8 -18.8	78.1 346	1.0 0.0 0.733	1.0 0.0 0.722	57.8 76.3 -21.8	79.4 344	1.0 0.0 0.733	0.733	0.733
348	347	345	1.0 0.0 0.671	57.4 75.1 -15.9	1.0 0.0 0.684	57.5 75.5 -17.3	77.5 347	1.0 0.0 0.717	1.0 0.0 0.709	57.7 76.1 -20.3	78.8 345	1.0 0.0 0.717	0.717	0.717
349	348	346	1.0 0.0 0.658	57.3 74.8 -14.4	1.0 0.0 0.671	57.4 75.1 -15.9	76.8 348	1.0 0.0 0.7	1.0 0.0 0.696	57.6 75.8 -18.8	78.1 346	1.0 0.0 0.7	0.7	0.7
350	349	347	1.0 0.0 0.645	57.1 74.4 -13.0	1.0 0.0 0.658	57.3 74.8 -14.4	76.2 349	1.0 0.0 0.683	1.0 0.0 0.684	57.5 75.5 -17.3	77.5 347	1.0 0.0 0.683	0.683	0.683
351	350	348	1.0 0.0 0.633	57.0 73.9 -11.6	1.0 0.0 0.645	57.1 74.4 -13.0	75.5 350	1.0 0.0 0.667	1.0 0.0 0.671	57.4 75.1 -15.9	76.8 348	1.0 0.0 0.667	0.667	0.667
352	351	349	1.0 0.0 0.621	57.0 73.6 -10.2	1.0 0.0 0.633	57.0 73.9 -11.6	74.9 351	1.0 0.0 0.65	1.0 0.0 0.658	57.3 74.8 -14.4	76.2 349	1.0 0.0 0.65	0.65	0.65
353	352	349	1.0 0.0 0.609	56.9 73.5 -8.9	1.0 0.0 0.621	57.0 73.6 -10.2	74.4 352	1.0 0.0 0.633	1.0 0.0 0.658	57.3 74.8 -14.4	76.2 349	1.0 0.0 0.633	0.633	0.633
354	353	350	1.0 0.0 0.598	56.8 73.4 -7.6	1.0 0.0 0.609	56.9 73.5 -8.9	73.8 354	1.0 0.0 0.617	1.0 0.0 0.645	57.1 74.4 -13.0	75.5 350	1.0 0.0 0.617	0.617	0.617
355	354	351	1.0 0.0 0.587	56.7 73.2 -6.3	1.0 0.0 0.598	56.8 73.4 -7.6	73.5 355	1.0 0.0 0.6	1.0 0.0 0.633	57.0 73.9 -11.6	74.9 351	1.0 0.0 0.6	0.6	0.6
356	355	352	1.0 0.0 0.576	56.7 73.0 -5.0	1.0 0.0 0.587	56.7 73.2 -6.3	73.5 356	1.0 0.0 0.583	1.0 0.0 0.621	57.0 73.6 -10.2	74.4 352	1.0 0.0 0.583	0.583	0.583
357	356	353	1.0 0.0 0.565	56.6 72.8 -3.7	1.0 0.0 0.576	56.7 73.0 -5.0	73.2 357	1.0 0.0 0.567	1.0 0.0 0.609	56.9 73.5 -8.9	74.1 353	1.0 0.0 0.567	0.567	0.567
358	357	354	1.0 0.0 0.554	56.5 72.6 -2.4	1.0 0.0 0.565	56.6 72.8 -3.7	72.9 358	1.0 0.0 0.55	1.0 0.0 0.598	56.8 73.4 -7.6	73.8 354	1.0 0.0 0.55	0.55	0.55
359	358	355	1.0 0.0 0.542	56.5 72.3 -1.2	1.0 0.0 0.554	56.5 72.6 -2.4	72.6 359	1.0 0.0 0.533	1.0 0.0 0.587	56.7 73.2 -6.3	73.5 355	1.0 0.0 0.533	0.533	0.533
0	359	356	1.0 0.0 0.531	56.4 72.0 0.0	1.0 0.0 0.542	56.5 72.3 -1.2	72.3 359	1.0 0.0 0.517	1.0 0.0 0.576	56.7 73.0 -5.0	73.2 356	1.0 0.0 0.517	0.517	0.517
1	360	357	1.0 0.0 0.52	56.3 71.7 1.3	1.0 0.0 0.531	56.4 72.0 0.0	72.0 1	1.0 0.0 0.5	1.0 0.0 0.565	56.6 72.8 -3.7	72.9 357	1.0 0.0 0.5	0.5	0.5
2	361	358	1.0 0.0 0.509	56.2 71.4 2.5	1.0 0.0 0.52	56.3 71.7 1.3	71.5 2	1.0 0.0 0.483	1.0 0.0 0.554	56.5 72.6 -2.4	72.6 358	1.0 0.0 0.483	0.483	0.483
3	362	359	1.0 0.0 0.498	56.2 71.1 3.7	1.0 0.0 0.509	56.2 71.4 2.5	71.5 3	1.0 0.0 0.467	1.0 0.0 0.542	56.5 72.3 -1.2	72.3 359	1.0 0.0 0.467	0.467	0.467
4	363	360	1.0 0.0 0.487	56.1 71.1 5.0	1.0 0.0 0.498	56.2 71.1 3.7	71.2 3	1.0 0.0 0.45	1.0 0.0 0.531	56.4 72.0 0.0	72.0 0	1.0 0.0 0.45	0.45	0.45
5	364	361	1.0 0.0 0.475	56.1 71.0 6.2	1.0 0.0 0.487	56.1 71.1 5.0	71.2 4	1.0 0.0 0.433	1.0 0.0 0.52	56.3 71.7 1.3	71.7 1	1.0 0.0 0.433	0.433	0.433
6	365	362	1.0 0.0 0.464	56.0 70.9 7.4	1.0 0.0 0.475	56.1 71.0 6.2	71.2 5	1.0 0.0 0.417	1.0 0.0 0.509	56.2 71.4 2.5	71.5 2	1.0 0.0 0.417	0.417	0.417
7	366	363	1.0 0.0 0.453	56.0 70.7 8.7	1.0 0.0 0.464	56.0 70.9 7.4	71.3 6	1.0 0.0 0.4	1.0 0.0 0.498	56.2 71.1 3.7	71.2 3	1.0 0.0 0.4	0.4	0.4
8	367	364	1.0 0.0 0.442	55.9 70.6 9.9	1.0 0.0 0.453	56.0 70.7 8.7	71.3 8	1.0 0.0 0.383	1.0 0.0 0.487	56.1 71.1 5.0	71.2 4	1.0 0.0 0.383	0.383	0.383
9	368	365	1.0 0.0 0.431	55.9 70.4 11.2	1.0 0.0 0.442	55.9 70.6 9.9	71.3 9	1.0 0.0 0.367	1.0 0.0 0.475	56.1 71.0 6.2	71.2 5	1.0 0.0 0.367	0.367	0.367
10	369	366	1.0 0.0 0.419	55.8 70.2 12.4	1.0 0.0 0.431	55.9 70.4 11.2	71.3 10	1.0 0.0 0.35	1.0 0.0 0.464	56.0 70.9 7.4	71.3 6	1.0 0.0 0.35	0.35	0.35
11	370	367	1.0 0.0 0.408	55.7 70.0 13.6	1.0 0.0 0.419	55.8 70.2 12.4	71.3 11	1.0 0.0 0.333	1.0 0.0 0.453	56.0 70.7 8.7	71.3 7	1.0 0.0 0.333	0.333	0.333
12	371	367	1.0 0.0 0.397	55.7 69.7 14.8	1.0 0.0 0.408	55.7 70.0 13.6	71.3 12	1.0 0.0 0.317	1.0 0.0 0.453	56.0 70.7 8.7	71.3 7	1.0 0.0 0.317	0.317	0.317
13	372	368	1.0 0.0 0.386	55.6 69.5 16.0	1.0 0.0 0.397	55.7 69.7 14.8	71.3 13	1.0 0.0 0.3	1.0 0.0 0.442	55.9 70.6 9.9	71.3 8	1.0 0.0 0.3	0.3	0.3
14	373	369	1.0 0.0 0.374	55.6 69.2 17.3	1.0 0.0 0.386	55.6 69.5 16.0	71.3 14	1.0 0.0 0.283	1.0 0.0 0.431	55.9 70.4 11.2	71.3 9	1.0 0.0 0.283	0.283	0.283
15	374	370	1.0 0.0 0.361	55.5 69.2 18.5	1.0 0.0 0.374	55.6 69.2 17.3	71.3 14	1.0 0.0 0.267	1.0 0.0 0.419	55.8 70.2 12.4	71.3 10	1.0 0.0 0.267	0.267	0.267
16	375	371	1.0 0.0 0.348	55.5 69.1 19.8	1.0 0.0 0.361	55.5 69.2 18.5	71.6 15	1.0 0.0 0.25	1.0 0.0 0.408	55.7 70.0 13.6	71.3 11	1.0 0.0 0.25	0.25	0.25
17	376	372	1.0 0.0 0.334	55.5 69.0 21.1	1.0 0.0 0.348	55.5 69.1 19.8	71.9 16	1.0 0.0 0.233	1.0 0.0 0.397	55.7 69.7 14.8	71.3 12	1.0 0.0 0.233	0.233	0.233
18	377	373	1.0 0.0 0.321	55.4 68.9 22.4	1.0 0.0 0.334	55.5 69.0 21.1	72.2 17	1.0 0.0 0.217	1.0 0.0 0.386	55.6 69.5 16.0	71.3 13	1.0 0.0 0.217	0.217	0.217
19	378	374	1.0 0.0 0.307	55.4 68.8 23.7	1.0 0.0 0.321	55.4 68.9 22.4	72.4 18	1.0 0.0 0.2	1.0 0.0 0.374	55.6 69.2 17.3	71.3 14	1.0 0.0 0.2	0.2	0.2
20	379	375	1.0 0.0 0.294	55.3 68.6 25.0	1.0 0.0 0.307	55.4 68.8 23.7	72.7 19	1.0 0.0 0.183	1.0 0.0 0.361	55.5 69.2 18.5	71.6 15	1.0 0.0 0.183	0.183	0.183
21	380	376	1.0 0.0 0.28	55.3 68.4 26.3	1.0 0.0 0.294	55.3 68.6 25.0	73.0 20	1.0 0.0 0.167	1.0 0.0 0.348	55.5 69.1 19.8	71.9 16	1.0 0.0 0.167	0.167	0.167
22	381	377	1.0 0.0 0.267	55.2 68.2 27.6	1.0 0.0 0.28	55.3 68.4 26.3	73.3 21	1.0 0.0 0.15	1.0 0.0 0.334	55.5 69.0 21.1	72.2 17	1.0 0.0 0.15	0.15	0.15
23	382	378	1.0 0.0 0.254	55.2 68.0 28.9	1.0 0.0 0.267	55.2 68.2 27.6	73.6 22	1.0 0.0 0.133	1.0 0.0 0.321	55.4 68.9 22.4	72.4 18	1.0 0.0 0.133	0.133	0.133
24	383	379	1.0 0.0 0.235	55.2 67.9 30.2	1.0 0.0 0.254	55.2 68.0 28.9	73.8 23	1.0 0.0 0.117	1.0 0.0 0.307	55.4 68.8 23.7	72.7 19	1.0 0.0 0.117	0.117	0.117
25	384	380	1.0 0.0 0.214	55.1 67.8 31.6	1.0 0.0 0.235	55.2 67.9 30.2	74.3 24	1.0 0.0 0.1	1.0 0.0 0.294	55.3 68.6 25.0	73.0 20	1.0 0.0 0.1	0.1	0.1
26	385	381	1.0 0.0 0.194	55.1 67.7 33.0	1.0 0.0 0.214	55.1 67.8 31.6	74.8 25	1.0 0.0 0.083	1.0 0.0 0.28	55.3 68.4 26.3	73.3 21	1.0 0.0 0.083	0.083	0.083
27	386	382	1.0 0.0 0.173	55.0 67.6 34.4	1.0 0.0 0.194	55.1 67.7 33.0	75.8 27	1.0 0.0 0.067	1.0 0.0 0.267	55.2 68.2 27.6	73.6 22	1.0 0.0 0.067	0.067	0.067
28	387	383	1.0 0.0 0.153	55.0 67.4 35.8	1.0 0.0 0.173	55.0 67.6 34.4	76.3 28	1.0 0.0 0.05	1.0 0.0 0.254	55.2 68.0 28.9	73.8 23	1.0 0.0 0.05	0.05	0.05
29	388	384	1.0 0.0 0.132	55.0 67.2 37.3	1.0 0.0 0.153	55.0 67.4 35.8	76.3 28	1.0 0.0 0.033	1.0 0.0 0.235	55.2 67.9 30.2	74.3 24	1.0 0.0 0.033	0.033	0.033
30	389	385	1.0 0.0 0.093	54.9 67.1 38.7	1.0 0.0 0.132	55.0 67.2 37.3	76.9 29	1.0 0.0 0.017	1.0 0.0 0.214	55.1 67.8 31.6	74.8 25	1.0 0.0 0.017	0.017	0.017
31	390	385	1.0 0.0 0.045	54.9 67.0 40.3	1.0 0.0 0.093	54.9 67.1 38.7	77.5 30	1.0 0.0 0.0R <sub>d</sub>	1.0 0.0 0.214	55.1 67.8 31.6	74.8 25	1.0 0.0 0.0R <sub>e</sub>	0.0R <sub>e</sub>	0.0R <sub>e</sub>

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 28.5, 104.4, 138.8, 196.8, 300.4, 327.6$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$



#### Notes to the CIELAB chroma diagrams ( $a^*_{\text{d}}$ , $b^*_{\text{d}}$ ), ( $a^*_{\text{s}}$ , $b^*_{\text{s}}$ ), ( $a^*_{\text{e}}$ , $b^*_{\text{e}}$ )

- For the  $rgb^*_{\text{d}}$ -input values the CIELAB data  $LCH^*_{\text{d}}$  and  $LAB^*_{\text{d}}$  have been calculated.
- For the calculation of the standard hue angle  $h_{ab,s}$  use for any device values  $rgb^*_{\text{d}}$  the equation:  

$$h_{ab,s} = atan [ r^*_{\text{d}} \cos(30) + g^*_{\text{d}} \cos(150) ] / [ r^*_{\text{d}} \sin(30) + g^*_{\text{d}} \sin(150) + b^*_{\text{d}} \sin(270) ] \quad (1)$$
- For the 48 or 360 equally spaced standard hue angles  $h_{ab,s}$  of the colours of maximum chroma use the seven hue angles of the 60 degree colours s:  $h_{ab,si} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$  (i=0,6) and the equations for a 48 and 360 step hue circle:  

$$h_{48ab,ij} = h_{ab,si} + j [ h_{ab,si+1} - h_{ab,si} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$
  

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

$$h_{48ab,ij} = h_{ab,ei} + j [ h_{ab,ei+1} - h_{ab,ei} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$
  

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

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 28.5, 104.4, 138.8, 196.8, 300.4, 327.6$ ; 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)	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
28.5	30.0	25.5	1.0 0.0 0.0	58.8 58.5 31.7	66.5 28.5	1.0 0.122 0.0	59.5 56.5 32.6	65.3 30	1.0 0.0 0.0	1.0 0.0 0.159	58.9 59.0 27.5	65.1 25
30.0	37.5	33.8	1.0 0.125 0.0	59.5 56.5 32.7	65.2 30.0	1.0 0.317 0.0	63.0 47.5 37.1	60.3 38	1.0 0.125 0.0	1.0 0.248 0.0	61.3 51.7 34.9	62.4 34
34.1	45.0	42.2	1.0 0.25 0.0	61.3 51.7 34.9	62.4 34.1	1.0 0.415 0.0	65.7 40.6 40.6	57.4 45	1.0 0.25 0.0	1.0 0.381 0.0	64.6 43.3 39.0	58.3 42
41.5	52.5	50.5	1.0 0.375 0.0	64.4 43.8 38.7	58.4 41.5	1.0 0.503 0.0	68.7 33.1 44.0	55.0 53	1.0 0.375 0.0	1.0 0.482 0.0	68.0 35.0 43.2	55.5 51
52.6	60.0	58.9	1.0 0.5 0.0	68.6 33.4 43.7	55.1 52.6	1.0 0.565 0.0	71.3 27.3 47.3	54.6 60	1.0 0.5 0.0	1.0 0.556 0.0	70.9 28.1 46.8	54.7 59
66.8	67.5	67.2	1.0 0.625 0.0	73.8 21.3 49.8	54.2 66.8	1.0 0.635 0.0	74.2 20.4 50.4	54.4 68	1.0 0.625 0.0	1.0 0.627 0.0	73.8 21.2 49.9	54.2 67
81.6	75.0	75.6	1.0 0.75 0.0	79.7 8.3 56.5	57.1 81.6	1.0 0.694 0.0	77.0 14.4 53.9	55.8 75	1.0 0.75 0.0	1.0 0.703 0.0	77.4 13.5 54.3	56.0 76
94.5	82.5	84.0	1.0 0.875 0.0	86.1 -4.9 63.5	63.7 94.5	1.0 0.763 0.0	80.4 7.0 57.4	57.8 83	1.0 0.875 0.0	1.0 0.773 0.0	80.9 6.1 58.0	58.3 84
104.4	90.0	92.3	1.0 1.0 0.0	93.0 -18.0 70.8	73.1 104.4	1.0 0.831 0.0	83.9 0.0 61.4	61.4 90	1.0 1.0 0.0	1.0 0.851 0.0	84.9 -2.1 62.4	62.5 92
112.8	97.5	101.1	0.875 1.0 0.0	91.0 -28.6 68.2	74.0 112.8	1.0 0.919 0.0	88.6 -9.2 66.4	67.1 98	0.875 1.0 0.0	1.0 0.957 0.0	90.6 -13.2 68.6	69.9 101
120.4	105.0	109.8	0.75 1.0 0.0	89.4 -38.5 65.9	76.4 120.4	0.991 1.0 0.0	92.8 -18.8 70.7	73.2 105	0.75 1.0 0.0	0.917 1.0 0.0	91.7 -25.1 69.2	73.7 110
126.6	112.5	118.5	0.625 1.0 0.0	88.0 -47.4 64.0	79.7 126.6	0.872 1.0 0.0	91.0 -28.8 68.1	74.0 113	0.625 1.0 0.0	0.773 1.0 0.0	89.7 -36.7 66.4	75.9 119
131.4	120.0	127.3	0.5 1.0 0.0	86.9 -54.9 62.5	83.3 131.4	0.756 1.0 0.0	89.5 -38.0 66.0	76.3 120	0.5 1.0 0.0	0.614 1.0 0.0	87.9 -48.1 63.9	80.0 127
134.8	127.5	136.0	0.375 1.0 0.0	86.1 -60.9 61.4	86.5 134.8	0.588 1.0 0.0	87.7 -49.6 63.6	80.8 128	0.375 1.0 0.0	0.31 1.0 0.0	85.8 -63.1 61.0	87.8 136
137.1	135.0	144.7	0.25 1.0 0.0	85.5 -65.1 60.6	89.0 137.1	0.365 1.0 0.0	86.0 -61.2 61.3	86.7 135	0.25 1.0 0.0	0.0 1.0 0.389	85.5 -64.4 45.2	78.7 145
138.3	142.5	153.5	0.125 1.0 0.0	85.2 -67.5 60.2	90.5 138.3	0.316 1.0 0.0	65.8 49.6	82.5 143	0.125 1.0 0.0	0.0 1.0 0.57	85.9 -59.5 30.3	66.8 153
138.8	150.0	162.2	0.0 1.0 0.0	85.1 -68.5 60.0	91.2 138.8	0.0 1.0 0.514	85.8 -61.2 35.4	70.7 150	0.0 1.0 0.0	1.0 0.704	86.4 -54.4 17.7	57.3 162
139.5	157.5	169.1	0.0 1.0 0.125	85.2 -68.0 58.1	89.6 139.5	0.0 1.0 0.651	86.2 -56.5 22.9	61.1 158	0.0 1.0 0.125	1.0 0.783	86.8 -51.0 9.9	52.1 169
141.3	165.0	175.9	0.0 1.0 0.25	85.3 -66.8 53.6	85.7 141.3	0.0 1.0 0.744	86.6 -52.6 14.1	54.6 165	0.0 1.0 0.25	1.0 0.848	87.1 -47.8 3.3	48.0 176
144.5	172.5	182.8	0.0 1.0 0.375	85.4 -64.7 46.2	79.6 144.5	0.0 1.0 0.82	86.9 -49.3 6.1	49.7 173	0.0 1.0 0.375	1.0 0.904	87.4 -45.0 2.3	45.1 183
149.2	180.0	189.6	0.0 1.0 0.5	85.7 -61.6 36.7	71.8 149.2	0.0 1.0 0.883	87.2 -45.9 0.0	46.0 180	0.0 1.0 0.5	1.0 0.953	87.6 -42.4 7.4	43.1 190
156.0	187.5	196.4	0.0 1.0 0.625	86.1 -57.4 25.6	63.0 156.0	0.0 1.0 0.939	87.6 -43.2 6.0	43.7 188	0.0 1.0 0.625	1.0 0.995	87.9 -39.7 11.3	41.4 196
165.5	195.0	203.3	0.0 1.0 0.75	86.6 -52.3 13.6	54.1 165.5	0.0 1.0 0.988	87.8 -40.2 10.7	41.7 195	0.0 1.0 0.75	0.968 1.0	86.0 -36.5 15.4	39.8 203
178.8	202.5	210.1	0.0 1.0 0.875	87.2 -46.2 9.0	46.3 178.8	0.0 0.968	86.0 -36.5 15.4	39.8 203	0.0 1.0 0.875	0.932 1.0	83.8 -33.0 19.0	38.2 210
196.8	210.0	217.0	0.0 1.0 1.0	87.9 -39.4 -11.8	41.2 196.8	0.0 0.932	1.0 83.8 -33.0 -19.0	38.2 210	0.0 1.0 1.0	0.896 1.0	81.6 -29.1 21.9	36.6 217
221.0	217.5	223.8	0.0 0.875 1.0	80.3 -26.8 -23.3	35.6 221.0	0.0 0.89	1.0 81.2 -28.5 -22.3	36.3 218	0.0 0.875	1.0 0.861	1.0 79.5 -25.7	24.8 224
248.4	225.0	230.7	0.0 0.75 1.0	72.9 -13.6 -34.6	37.3 248.4	0.0 0.857	1.0 79.2 -25.3 -25.3	35.9 225	0.0 0.75	1.0 0.829	1.0 77.6 -22.7	28.1 231
269.9	232.5	237.5	0.0 0.625 1.0	66.0 0.0 -45.4	45.5 269.9	0.0 0.82	1.0 77.1 -21.8 -28.9	36.4 233	0.0 0.625	1.0 0.797	1.0 75.7 -19.3	31.0 238
283.5	240.0	244.4	0.0 0.5 1.0	59.7 13.3 -55.4	57.1 283.5	0.0 0.788	1.0 75.2 -18.3 -31.7	36.8 240	0.0 0.5	1.0 0.77	1.0 74.1 -16.1	33.2 244
291.8	247.5	251.2	0.0 0.375 1.0	54.3 25.7 -64.0	69.1 291.8	0.0 0.752	1.0 73.1 -13.9 -34.4	37.3 248	0.0 0.375	1.0 0.735	1.0 72.1 -12.4	36.1 251
296.8	255.0	258.0	0.0 0.25 1.0	50.2 35.7 -70.6	79.2 296.8	0.0 0.712	1.0 70.8 -10.2 -38.4	39.8 255	0.0 0.25	1.0 0.694	1.0 69.8 -8.4	40.0 258
299.4	262.5	264.9	0.0 0.125 1.0	47.7 42.2 -74.8	85.9 299.4	0.0 0.665	1.0 68.2 -5.1 -42.5	42.9 263	0.0 0.125	1.0 0.653	1.0 67.6 -3.7	-43.4 265
300.4	270.0	271.7	0.0 0.0 1.0	46.6 44.9 -76.5	88.8 300.4	0.0 0.624	1.0 65.9 0.0 -45.5	45.6 270	0.0 0.0 1.0	0.605 1.0	65.0 1.7 -47.2	47.3 272
300.9	277.5	278.8	0.125 0.0 1.0	47.0 45.6 -76.0	88.7 300.9	0.0 0.55	1.0 62.2 7.3 -51.8	52.4 278	0.125 0.0 1.0	0.541 1.0	61.8 8.3 -52.5	53.3 279
302.3	285.0	286.0	0.25 0.0 1.0	47.7 47.3 -74.6	88.4 302.3	0.0 0.477	1.0 58.7 15.3 -57.2	59.3 285	0.25 0.0 1.0	0.462 1.0	58.1 16.7 -58.3	60.7 286
304.7	292.5	293.1	0.375 0.0 1.0	49.1 50.1 -72.3	88.1 304.7	0.0 0.345	1.0 53.3 27.9 -65.7	71.5 293	0.375 0.0 1.0	0.345 1.0	53.3 27.9 -65.7	71.5 293
307.9	300.0	300.2	0.5 0.0 1.0	51.1 53.9 -69.1	87.7 307.9	0.0 0.049	1.0 47.1 43.8 -75.8	87.7 300	0.5 0.0 1.0	0.049 1.0	47.1 43.8 -75.8	87.7 300
312.1	307.5	307.3	0.625 0.0 1.0	53.6 58.7 -64.9	87.6 312.1	0.502 0.0 1.0	51.1 54.0 -69.0	87.7 308	0.625 0.0 1.0	0.464 0.0	50.5 52.9 -70.0	87.8 307
316.8	315.0	314.4	0.75 0.0 1.0	56.6 64.0 -60.0	87.8 316.8	0.702 0.0 1.0	55.4 62.0 -61.9	87.7 315	0.75 0.0 1.0	0.676 0.0	54.8 60.9 -63.0	87.7 314
322.1	322.5	321.5	0.875 0.0 1.0	60.0 69.8 -54.3	88.5 322.1	0.896 0.0 1.0	60.6 70.9 -53.3	88.8 323	0.875 0.0 1.0	0.849 0.0	59.3 68.7 -55.5	88.4 321
327.6	330.0	328.6	1.0 0.0 1.0	63.7 75.9 -48.1	90.0 327.6	1.0 0.951	63.2 74.6 -42.9	86.1 330	1.0 0.0 1.0	0.971 63.4	75.2 -45.1	87.7 329
333.8	337.5	335.7	1.0 0.0 0.875	62.5 71.8 -35.2	80.0 333.8	1.0 0.81	61.9 70.2 -28.3	75.7 338	1.0 0.0 0.875	0.841 62.2	71.1 -31.5	77.8 336
341.9	345.0	342.8	1.0 0.0 0.75	61.4 68.2 -22.2	71.7 341.9	1.0 0.711	61.1 67.5 -18.0	69.9 345	1.0 0.0 0.75	1.0 0.736	61.3 68.0 -20.7	71.1 343
351.8	352.5	349.9	1.0 0.0 0.625	60.6 65.1 -9.3	65.8 351.8	1.0 0.611	60.5 65.0 -7.9	65.4 353	1.0 0.0 0.625	1.0 0.647	60.7 65.8 -11.5	66.9 350
362.7	360.0	357.0	1.0 0.0 0.5	59.9 62.6 2.9	62.7 362.7	1.0 0.531	60.0 63.5 0	63.5 0	1.0 0.0 0.5	1.0 0.565	60.2 64.2 -3.3	64.3 357
373.1	367.5	364.2	1.0 0.0 0.375	59.4 60.8 14.1	62.4 373.1	1.0 0.436	59.6 61.9 8.7	62.5 8	1.0 0.0 0.375	1.0 0.484	59.8 62.5 4.4	62.7 4
381.3	375.0	371.3	1.0 0.0 0.25	59.0 59.5 23.2	63.8 381.3	1.0 0.346	59.3 60.6 16.2	62.7 15	1.0 0.0 0.25	1.0 0.4	59.5 61.3 11.9	62.4 11
386.4	382.5	378.4	1.0 0.0 0.125	58.8 58.7 29.2	65.6 386.4	1.0 0.208	59.0 59.3 25.2	64.4 23	1.0 0.0 0.125	1.0 0.3	59.2 60.2 19.5	63.3 18
388.5	390.0	385.5	1.0 0.0 0.0	58.8 58.5 31.7	66.5 388.5	1.0 0.122	59.5 56.5 32.6	65.3 30	1.0 0.0 0.0	1.0 0.0 0.159	58.9 59.0 27.5	65.1 25

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 28.5, 104.4, 138.8, 196.8, 300.4, 327.6$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
28	30	25	1.0 0.0 0.029	58.8 58.5 31.1	66.3 28 $R_d$	1.0 0.122 0.0	59.5 56.5 32.6	65.3 30	1.0 0.0 0.0 $R_s$	1.0 0.0 0.159 58.9 59.0 27.5 65.1 25	1.0 0.0 0.0 $R_e$	red	red
29	31	27	1.0 0.041 0.0	59.0 57.8 32.0	66.1 29	1.0 0.155 0.0	59.9 55.3 33.2	64.6 31	1.0 0.017 0.0	1.0 0.0 0.089 58.8 58.7 29.9 65.9 27	1.0 0.017 0.0	red	red
30	32	28	1.0 0.122 0.0	59.5 56.5 32.6	65.3 30	1.0 0.186 0.0	60.4 54.1 33.8	63.8 32	1.0 0.033 0.0	1.0 0.0 0.029 58.8 58.5 31.1 66.3 28	1.0 0.033 0.0	red	red
31	33	29	1.0 0.155 0.0	59.9 55.3 33.2	64.6 31	1.0 0.217 0.0	60.8 52.9 34.4	63.1 33	1.0 0.05 0.0	1.0 0.041 0.0 59.0 57.8 32.0 66.1 29	1.0 0.05 0.0	red	red
32	34	30	1.0 0.186 0.0	60.4 54.1 33.8	63.8 32	1.0 0.248 0.0	61.3 51.7 34.9	62.4 34	1.0 0.067 0.0	1.0 0.122 0.0 59.5 56.5 32.6 65.3 30	1.0 0.067 0.0	red	red
33	35	31	1.0 0.217 0.0	60.8 52.9 34.4	63.1 33	1.0 0.266 0.0	61.7 50.7 35.5	61.9 35	1.0 0.083 0.0	1.0 0.155 0.0 59.9 55.3 33.2 64.6 31	1.0 0.083 0.0	red	red
34	36	32	1.0 0.248 0.0	61.3 51.7 34.9	62.4 34	1.0 0.283 0.0	62.1 49.6 36.1	61.3 36	1.0 0.1 0.0	1.0 0.186 0.0 60.4 54.1 33.8 63.8 32	1.0 0.1 0.0	red	red
35	37	33	1.0 0.266 0.0	61.7 50.7 35.5	61.9 35	1.0 0.3 0.0	62.5 48.6 36.6	60.8 37	1.0 0.117 0.0	1.0 0.217 0.0 60.8 52.9 34.4 63.1 33	1.0 0.117 0.0	red	red
36	38	34	1.0 0.283 0.0	62.1 49.6 36.1	61.3 36	1.0 0.317 0.0	63.0 47.5 37.1	60.3 38	1.0 0.133 0.0	1.0 0.248 0.0 61.3 51.7 34.9 62.4 34	1.0 0.133 0.0	red	red
37	39	36	1.0 0.3 0.0	62.5 48.6 36.6	60.8 37	1.0 0.333 0.0	63.4 46.4 37.6	59.7 39	1.0 0.15 0.0	1.0 0.283 0.0 62.1 49.6 36.1 61.3 36	1.0 0.15 0.0	red	red
38	40	37	1.0 0.317 0.0	63.0 47.5 37.1	60.3 38	1.0 0.35 0.0	63.8 45.4 38.1	59.2 40	1.0 0.167 0.0	1.0 0.3 0.0 62.5 48.6 36.6 60.8 37	1.0 0.167 0.0	red	red
39	41	38	1.0 0.333 0.0	63.4 46.4 37.6	59.7 39	1.0 0.367 0.0	64.2 44.3 38.5	58.7 41	1.0 0.183 0.0	1.0 0.317 0.0 63.0 47.5 37.1 60.3 38	1.0 0.183 0.0	red	red
40	42	39	1.0 0.35 0.0	63.8 45.4 38.1	59.2 40	1.0 0.381 0.0	64.6 43.3 39.0	58.3 42	1.0 0.2 0.0	1.0 0.333 0.0 63.4 46.4 37.6 59.7 39	1.0 0.2 0.0	red	red
41	43	40	1.0 0.367 0.0	64.2 44.3 38.5	58.7 41	1.0 0.392 0.0	65.0 42.4 39.5	58.0 43	1.0 0.217 0.0	1.0 0.35 0.0 63.8 45.4 38.1 59.2 40	1.0 0.217 0.0	red	red
42	44	41	1.0 0.381 0.0	64.6 43.3 39.0	58.3 42	1.0 0.404 0.0	65.4 41.5 40.1	57.7 44	1.0 0.233 0.0	1.0 0.367 0.0 64.2 44.3 38.5 58.7 41	1.0 0.233 0.0	red	red
43	45	42	1.0 0.392 0.0	65.0 42.4 39.5	58.0 43	1.0 0.415 0.0	65.7 40.6 40.6	57.4 45	1.0 0.25 0.0	1.0 0.381 0.0 64.6 43.3 39.0 58.3 42	1.0 0.25 0.0	red	red
44	46	43	1.0 0.404 0.0	65.4 41.5 40.1	57.7 44	1.0 0.426 0.0	66.1 39.6 41.0	57.1 46	1.0 0.267 0.0	1.0 0.392 0.0 65.0 42.4 39.5 58.0 43	1.0 0.267 0.0	red	red
45	47	44	1.0 0.415 0.0	65.7 40.6 40.6	57.4 45	1.0 0.437 0.0	66.5 38.7 41.5	56.8 47	1.0 0.283 0.0	1.0 0.404 0.0 65.4 41.5 40.1 57.7 44	1.0 0.283 0.0	red	red
46	48	46	1.0 0.426 0.0	66.1 39.6 41.0	57.1 46	1.0 0.448 0.0	66.9 37.8 42.0	56.5 48	1.0 0.3 0.0	1.0 0.426 0.0 66.1 39.6 41.0 57.1 46	1.0 0.3 0.0	red	red
47	49	47	1.0 0.437 0.0	66.5 38.7 41.5	56.8 47	1.0 0.46 0.0	67.2 36.8 42.4	56.2 49	1.0 0.317 0.0	1.0 0.437 0.0 66.5 38.7 41.5 56.8 47	1.0 0.317 0.0	red	red
48	50	48	1.0 0.448 0.0	66.9 37.8 42.0	56.5 48	1.0 0.471 0.0	67.6 35.9 42.8	55.8 50	1.0 0.333 0.0	1.0 0.448 0.0 66.9 37.8 42.0 56.5 48	1.0 0.333 0.0	red	red
49	51	49	1.0 0.46 0.0	67.2 36.8 42.4	56.2 49	1.0 0.482 0.0	68.0 35.0 43.2	55.5 51	1.0 0.35 0.0	1.0 0.46 0.0 67.2 36.8 42.4 56.2 49	1.0 0.35 0.0	red	red
50	52	50	1.0 0.471 0.0	67.6 35.9 42.8	55.8 50	1.0 0.493 0.0	68.4 34.0 43.5	55.2 52	1.0 0.367 0.0	1.0 0.471 0.0 67.6 35.9 42.8 55.8 50	1.0 0.367 0.0	red	red
51	53	51	1.0 0.482 0.0	68.0 35.0 43.2	55.5 51	1.0 0.503 0.0	68.7 33.1 44.0	55.0 53	1.0 0.383 0.0	1.0 0.482 0.0 68.0 35.0 43.2 55.5 51	1.0 0.383 0.0	red	red
52	54	52	1.0 0.493 0.0	68.4 34.0 43.5	55.2 52	1.0 0.512 0.0	69.1 32.3 44.5	55.0 54	1.0 0.4 0.0	1.0 0.493 0.0 68.4 34.0 43.5 55.2 52	1.0 0.4 0.0	red	red
53	55	53	1.0 0.503 0.0	68.7 33.1 44.0	55.0 53	1.0 0.521 0.0	69.5 31.5 45.0	54.9 55	1.0 0.417 0.0	1.0 0.503 0.0 68.7 33.1 44.0 55.0 53	1.0 0.417 0.0	red	red
54	56	54	1.0 0.512 0.0	69.1 32.3 44.5	55.0 54	1.0 0.53 0.0	69.8 30.7 45.5	54.8 56	1.0 0.433 0.0	1.0 0.512 0.0 69.1 32.3 44.5 55.0 54	1.0 0.433 0.0	red	red
55	57	56	1.0 0.521 0.0	69.5 31.5 45.0	54.9 55	1.0 0.539 0.0	70.2 29.8 45.9	54.8 57	1.0 0.45 0.0	1.0 0.53 0.0 69.8 30.7 45.5 54.8 56	1.0 0.45 0.0	red	red
56	58	57	1.0 0.53 0.0	69.8 30.7 45.5	54.8 56	1.0 0.547 0.0	70.6 29.0 46.4	54.7 58	1.0 0.467 0.0	1.0 0.539 0.0 70.2 29.8 45.9 54.8 57	1.0 0.467 0.0	red	red
57	59	58	1.0 0.539 0.0	70.2 29.8 45.9	54.8 57	1.0 0.556 0.0	70.9 28.1 46.8	54.7 59	1.0 0.483 0.0	1.0 0.547 0.0 70.6 29.0 46.4 54.7 58	1.0 0.483 0.0	red	red
58	60	59	1.0 0.547 0.0	70.6 29.0 46.4	54.7 58	1.0 0.565 0.0	71.3 27.3 47.3	54.6 60	1.0 0.5 0.0	1.0 0.556 0.0 70.9 28.1 46.8 54.7 59	1.0 0.5 0.0	red	red
59	61	60	1.0 0.556 0.0	70.9 28.1 46.8	54.7 59	1.0 0.574 0.0	71.7 26.4 47.7	54.5 61	1.0 0.517 0.0	1.0 0.565 0.0 71.3 27.3 47.3 54.6 60	1.0 0.517 0.0	red	red
60	62	61	1.0 0.565 0.0	71.3 27.3 47.3	54.6 60	1.0 0.583 0.0	72.0 25.6 48.1	54.5 62	1.0 0.533 0.0	1.0 0.574 0.0 71.7 26.4 47.7 54.5 61	1.0 0.533 0.0	red	red
61	63	62	1.0 0.574 0.0	71.7 26.4 47.7	54.5 61	1.0 0.592 0.0	72.4 24.7 48.5	54.4 63	1.0 0.55 0.0	1.0 0.583 0.0 72.0 25.6 48.1 54.5 62	1.0 0.55 0.0	red	red
62	64	63	1.0 0.583 0.0	72.0 25.6 48.1	54.5 62	1.0 0.6 0.0	72.7 23.8 48.8	54.3 64	1.0 0.567 0.0	1.0 0.592 0.0 72.4 24.7 48.5 54.4 63	1.0 0.567 0.0	red	red
63	65	64	1.0 0.592 0.0	72.4 24.7 48.5	54.4 63	1.0 0.609 0.0	73.1 22.9 49.2	54.3 65	1.0 0.583 0.0	1.0 0.6 0.0 72.7 23.8 48.8 54.3 64	1.0 0.583 0.0	red	red
64	66	66	1.0 0.6 0.0	72.7 23.8 48.8	54.3 64	1.0 0.618 0.0	73.5 22.0 49.5	54.2 66	1.0 0.6 0.0	1.0 0.618 0.0 73.5 22.0 49.5 54.2 66	1.0 0.6 0.0	red	red
65	67	67	1.0 0.609 0.0	73.1 22.9 49.2	54.3 65	1.0 0.627 0.0	73.8 21.2 49.9	54.2 67	1.0 0.617 0.0	1.0 0.627 0.0 73.8 21.2 49.9 54.2 67	1.0 0.617 0.0	red	red
66	68	68	1.0 0.618 0.0	73.5 22.0 49.5	54.2 66	1.0 0.635 0.0	74.2 20.4 50.4	54.4 68	1.0 0.633 0.0	1.0 0.635 0.0 74.2 20.4 50.4 54.4 68	1.0 0.633 0.0	red	red
67	69	69	1.0 0.627 0.0	73.8 21.2 49.9	54.2 67	1.0 0.644 0.0	74.6 19.6 51.0	54.6 69	1.0 0.65 0.0	1.0 0.644 0.0 74.6 19.6 51.0 54.6 69	1.0 0.65 0.0	red	red
68	70	70	1.0 0.635 0.0	74.2 20.4 50.4	54.4 68	1.0 0.652 0.0	75.0 18.7 51.5	54.8 70	1.0 0.667 0.0	1.0 0.652 0.0 75.0 18.7 51.5 54.8 70	1.0 0.667 0.0	red	red
69	71	71	1.0 0.644 0.0	74.6 19.6 51.0	54.6 69	1.0 0.66 0.0	75.4 17.9 52.0	55.0 71	1.0 0.683 0.0	1.0 0.66 0.0 75.4 17.9 52.0 55.0 71	1.0 0.683 0.0	red	red
70	72	72	1.0 0.652 0.0	75.0 18.7 51.5	54.8 70	1.0 0.669 0.0	75.8 17.1 52.5	55.2 72	1.0 0.7 0.0	1.0 0.669 0.0 75.8 17.1 52.5 55.2 72	1.0 0.7 0.0	red	red
71	73	73	1.0 0.66 0.0	75.4 17.9 52.0	55.0 71	1.0 0.677 0.0	76.2 16.2 53.0	55.4 73	1.0 0.717 0.0	1.0 0.677 0.0 76.2 16.2 53.0 55.4 73	1.0 0.717 0.0	red	red
72	74	74	1.0 0.669 0.0	75.8 17.1 52.5	55.2 72	1.0 0.686 0.0	76.6 15.3 53.4	55.6 74	1.0 0.733 0.0	1.0 0.686 0.0 76.6 15.3 53.4 55.6 74	1.0 0.733 0.0	red	red
73	75	76	1.0 0.677 0.0	76.2 16.2 53.0	55.4 73	1.0 0.694 0.0	77.0 14.4 53.9	55.8 75	1.0 0.75 0.0	1.0 0.703 0.0 77.4 13.5 54.3 56.0 76	1.0 0.75 0.0	red	red

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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: $h_{ab,d} = 28.5, 104.4, 138.8, 196.8, 300.4, 327.6$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																				
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$								
73	75	76	1.0 0.677 0.0	76.2 16.2 53.0 55.4 73	1.0 0.694 0.0	77.0 14.4 53.9 55.8 75	1.0 0.75 0.0	1.0 0.703 0.0	77.4 13.5 54.3 56.0 76	1.0 0.75 0.0	77.4 13.5 54.3 56.0 76	1.0 0.75 0.0								
74	76	77	1.0 0.686 0.0	76.6 15.3 53.4 55.6 74	1.0 0.703 0.0	77.4 13.5 54.3 56.0 76	1.0 0.767 0.0	1.0 0.711 0.0	77.8 12.6 54.7 56.2 77	1.0 0.783 0.0	1.0 0.72 0.0	78.2 11.7 55.1 56.4 78	1.0 0.736 0.0	79.0 9.9 55.9 56.8 80	1.0 0.817 0.0	1.0 0.736 0.0	79.0 9.9 55.9 56.8 80	1.0 0.817 0.0		
75	77	78	1.0 0.694 0.0	77.0 14.4 53.9 55.8 75	1.0 0.711 0.0	77.8 12.6 54.7 56.2 77	1.0 0.783 0.0	1.0 0.728 0.0	78.6 10.8 55.5 56.6 79	1.0 0.817 0.0	1.0 0.736 0.0	78.6 10.8 55.5 56.6 79	1.0 0.817 0.0	79.0 9.9 55.9 56.8 80	1.0 0.817 0.0	79.0 9.9 55.9 56.8 80	1.0 0.817 0.0			
76	78	79	1.0 0.703 0.0	77.4 13.5 54.3 56.0 76	1.0 0.72 0.0	78.2 11.7 55.1 56.4 78	1.0 0.8 0.0	1.0 0.728 0.0	78.6 10.8 55.5 56.6 79	1.0 0.817 0.0	1.0 0.736 0.0	78.6 10.8 55.5 56.6 79	1.0 0.817 0.0	79.0 9.9 55.9 56.8 80	1.0 0.817 0.0	79.0 9.9 55.9 56.8 80	1.0 0.817 0.0			
77	79	80	1.0 0.711 0.0	77.8 12.6 54.7 56.2 77	1.0 0.728 0.0	78.6 10.8 55.5 56.6 79	1.0 0.85 0.0	1.0 0.745 0.0	79.4 8.9 56.3 57.0 81	1.0 0.754 0.0	1.0 0.754 0.0	79.9 8.0 56.7 57.3 82	1.0 0.867 0.0	1.0 0.763 0.0	80.4 7.0 57.4 57.8 83	1.0 0.883 0.0	1.0 0.783 0.0	81.4 5.1 58.6 58.8 85	1.0 0.883 0.0	
78	80	81	1.0 0.72 0.0	78.2 11.7 55.1 56.4 78	1.0 0.736 0.0	79.0 9.9 55.9 56.8 80	1.0 0.833 0.0	1.0 0.745 0.0	79.4 8.9 56.3 57.0 81	1.0 0.833 0.0	1.0 0.745 0.0	79.4 8.9 56.3 57.0 81	1.0 0.833 0.0	79.9 8.0 56.7 57.3 82	1.0 0.85 0.0	80.4 7.0 57.4 57.8 83	1.0 0.867 0.0	80.9 6.1 58.6 58.8 85	1.0 0.883 0.0	
79	81	82	1.0 0.728 0.0	78.6 10.8 55.5 56.6 79	1.0 0.745 0.0	79.4 8.9 56.3 57.0 81	1.0 0.85 0.0	1.0 0.754 0.0	79.9 8.0 56.7 57.3 82	1.0 0.867 0.0	1.0 0.763 0.0	80.4 7.0 57.4 57.8 83	1.0 0.883 0.0	1.0 0.783 0.0	81.4 5.1 58.6 58.8 85	1.0 0.883 0.0	81.9 4.1 59.2 59.4 86	1.0 0.9 0.0		
80	82	83	1.0 0.736 0.0	79.0 9.9 55.9 56.8 80	1.0 0.754 0.0	79.9 8.0 56.7 57.3 82	1.0 0.95 0.0	1.0 0.773 0.0	80.9 6.1 58.0 58.3 84	1.0 0.9 0.0	1.0 0.793 0.0	81.9 4.1 59.2 59.4 86	1.0 0.9 0.0	82.4 3.1 59.8 59.9 87	1.0 0.917 0.0	82.9 2.1 60.4 60.4 88	1.0 0.933 0.0	83.4 1.1 60.9 60.9 89	1.0 0.95 0.0	
81	83	85	1.0 0.745 0.0	79.4 8.9 56.3 57.0 81	1.0 0.763 0.0	80.4 7.0 57.4 57.8 83	1.0 0.883 0.0	1.0 0.783 0.0	81.4 5.1 58.6 58.8 85	1.0 0.883 0.0	1.0 0.783 0.0	81.9 4.1 59.2 59.4 86	1.0 0.9 0.0	82.4 3.1 59.8 59.9 87	1.0 0.917 0.0	83.4 1.1 60.9 60.9 89	1.0 0.933 0.0			
82	84	86	1.0 0.754 0.0	79.9 8.0 56.7 57.3 82	1.0 0.773 0.0	80.9 6.1 58.0 58.3 84	1.0 0.9 0.0	1.0 0.793 0.0	81.9 4.1 59.8 59.9 87	1.0 0.9 0.0	1.0 0.793 0.0	82.4 3.1 59.8 59.9 87	1.0 0.917 0.0	83.4 1.1 60.9 60.9 89	1.0 0.933 0.0	84.4 0.0 59.8 59.9 87	1.0 0.95 0.0			
83	85	87	1.0 0.763 0.0	80.4 7.0 57.4 57.8 83	1.0 0.783 0.0	81.4 5.1 58.6 58.8 85	1.0 0.917 0.0	1.0 0.802 0.0	82.4 3.1 59.8 59.9 87	1.0 0.933 0.0	1.0 0.812 0.0	82.9 2.1 60.4 60.4 88	1.0 0.933 0.0	83.4 1.1 60.9 60.9 89	1.0 0.95 0.0	84.4 0.0 59.8 59.9 87	1.0 0.97 0.0			
84	86	88	1.0 0.773 0.0	80.9 6.1 58.0 58.3 84	1.0 0.793 0.0	81.9 4.1 59.2 59.4 86	1.0 0.933 0.0	1.0 0.822 0.0	82.4 3.1 59.8 59.9 87	1.0 0.95 0.0	1.0 0.831 0.0	83.9 0.0 61.4 61.4 90	1.0 0.967 0.0	84.4 0.0 59.8 59.9 87	1.0 0.97 0.0	85.4 0.0 59.8 59.9 87	1.0 0.99 0.0			
85	87	89	1.0 0.783 0.0	81.4 5.1 58.6 58.8 85	1.0 0.802 0.0	82.4 3.1 59.8 59.9 87	1.0 0.95 0.0	1.0 0.822 0.0	83.4 1.1 60.9 60.9 89	1.0 0.967 0.0	1.0 0.831 0.0	84.9 0.0 61.4 61.4 90	1.0 0.967 0.0	85.4 0.0 59.8 59.9 87	1.0 0.99 0.0	86.4 0.0 59.8 59.9 87	1.0 0.99 0.0			
86	88	90	1.0 0.793 0.0	81.9 4.1 59.2 59.4 86	1.0 0.812 0.0	82.9 2.1 60.4 60.4 88	1.0 0.967 0.0	1.0 0.822 0.0	83.4 1.1 60.9 60.9 89	1.0 0.983 0.0	1.0 0.841 0.0	84.4 0.0 61.4 61.4 91	1.0 0.983 0.0	85.4 0.0 59.8 59.9 87	1.0 0.99 0.0	86.4 0.0 59.8 59.9 87	1.0 0.99 0.0			
87	89	91	1.0 0.802 0.0	82.4 3.1 59.8 59.9 87	1.0 0.822 0.0	83.4 1.1 60.9 60.9 89	1.0 0.983 0.0	1.0 0.851 0.0	83.9 0.0 61.4 61.4 90	1.0 0.983 0.0	1.0 0.851 0.0	84.9 0.0 62.4 62.5 92	1.0 0.983 0.0	85.4 0.0 59.8 59.9 87	1.0 0.99 0.0	86.4 0.0 59.8 59.9 87	1.0 0.99 0.0			
88	90	92	1.0 0.812 0.0	82.9 2.1 60.4 60.4 88	1.0 0.831 0.0	83.9 0.0 61.4 61.4 90	1.0 1.0 0.0 $J_s$	1.0 0.851 0.0	84.9 0.0 62.4 62.5 92	1.0 0.861 0.0	1.0 0.861 0.0	85.4 0.0 62.9 63.0 93	1.0 0.861 0.0	86.4 0.0 59.8 59.9 87	1.0 0.9 0.0	87.4 0.0 59.8 59.9 87	1.0 0.9 0.0			
89	91	93	1.0 0.822 0.0	83.4 1.1 60.9 60.9 89	1.0 0.841 0.0	84.4 0.0 61.9 61.9 91	1.0 0.983 0.0	1.0 0.882 0.0	85.4 0.0 63.0 63.0 93	1.0 0.894 0.0	1.0 0.894 0.0	86.4 0.0 64.0 64.2 95	1.0 0.894 0.0	87.4 0.0 59.8 59.9 87	1.0 0.9 0.0	88.4 0.0 59.8 59.9 87	1.0 0.9 0.0			
90	92	95	1.0 0.831 0.0	83.9 0.0 61.4 61.4 90	1.0 0.851 0.0	84.9 0.0 62.4 62.5 92	1.0 0.967 0.0	1.0 0.882 0.0	85.9 0.0 63.3 63.5 94	1.0 0.907 0.0	1.0 0.907 0.0	86.4 0.0 64.0 64.2 95	1.0 0.907 0.0	87.4 0.0 59.8 59.9 87	1.0 0.9 0.0	88.4 0.0 59.8 59.9 87	1.0 0.9 0.0			
91	93	96	1.0 0.841 0.0	84.4 0.0 61.9 61.9 91	1.0 0.861 0.0	85.4 0.0 62.9 63.0 93	1.0 0.95 0.0	1.0 0.894 0.0	87.2 0.0 64.8 65.2 96	1.0 0.92 0.0	1.0 0.92 0.0	88.4 0.0 65.2 65.6 98	1.0 0.92 0.0	89.4 0.0 66.4 66.8 99	1.0 0.95 0.0	90.4 0.0 67.4 67.8 99	1.0 0.98 0.0			
92	94	97	1.0 0.851 0.0	84.9 0.0 62.4 62.5 92	1.0 0.87 0.0	85.9 0.0 63.3 63.5 94	1.0 0.933 0.0	1.0 0.907 0.0	87.9 0.0 65.6 66.1 97	1.0 0.933 0.0	1.0 0.907 0.0	88.4 0.0 66.1 66.5 98	1.0 0.933 0.0	89.4 0.0 67.1 67.5 99	1.0 0.95 0.0	90.4 0.0 68.1 68.5 99	1.0 0.98 0.0			
93	95	98	1.0 0.861 0.0	85.4 0.0 62.9 63.0 93	1.0 0.882 0.0	86.5 0.0 64.0 64.2 95	1.0 0.917 0.0	1.0 0.919 0.0	88.6 0.0 66.4 66.8 99	1.0 0.95 0.0	1.0 0.919 0.0	89.4 0.0 67.4 67.8 99	1.0 0.95 0.0	90.4 0.0 68.4 68.8 99	1.0 0.98 0.0	91.4 0.0 69.4 69.8 99	1.0 0.99 0.0			
94	96	99	1.0 0.87 0.0	85.9 0.0 63.3 63.5 94	1.0 0.894 0.0	87.2 0.0 64.8 65.2 96	1.0 0.9 0.0	1.0 0.928 0.0	88.6 0.0 66.3 66.7 97	1.0 0.945 0.0	1.0 0.945 0.0	89.4 0.0 67.9 68.3 99	1.0 0.945 0.0	90.4 0.0 68.9 69.3 99	1.0 0.98 0.0	91.4 0.0 69.9 70.3 99	1.0 0.99 0.0			
95	97	100	1.0 0.882 0.0	86.5 0.0 64.0 64.2 95	1.0 0.907 0.0	87.9 0.0 65.6 66.1 97	1.0 0.9 0.0	1.0 0.919 0.0	88.6 0.0 66.4 66.8 99	1.0 0.945 0.0	1.0 0.945 0.0	89.4 0.0 67.9 68.3 99	1.0 0.945 0.0	90.4 0.0 69.3 69.7 99	1.0 0.98 0.0	91.4 0.0 70.3 70.7 99	1.0 0.99 0.0			
96	98	102	1.0 0.894 0.0	87.2 0.0 64.8 65.2 96	1.0 0.919 0.0	88.6 0.0 66.4 66.8 99	1.0 0.9 0.0	1.0 0.932 0.0	89.3 0.0 67.2 67.6 99	1.0 0.945 0.0	1.0 0.945 0.0	90.4 0.0 68.3 68.7 99	1.0 0.945 0.0	91.4 0.0 69.3 69.7 99	1.0 0.98 0.0	92.4 0.0 70.3 70.7 99	1.0 0.99 0.0			
97	99	103	1.0 0.907 0.0	87.9 0.0 65.6 66.1 97	1.0 0.932 0.0	89.3 0.0 67.2 67.6 99	1.0 0.9 0.0	1.0 0.945 0.0	90.0 0.0 67.9 68.3 99	1.0 0.95 0.0	1.0 0.945 0.0	90.4 0.0 68.7 69.1 99	1.0 0.95 0.0	91.4 0.0 69.6 70.0 99	1.0 0.98 0.0	92.4 0.0 70.0 70.4 99	1.0 0.99 0.0			
98	100	104	1.0 0.919 0.0	88.6 0.0 66.4 67.1 98	1.0 0.945 0.0	90.0 0.0 69.3 69.9 100	1.0 0.9 0.0	1.0 0.95 0.0	91.3 0.0 69.9 70.5 100	1.0 0.95 0.0	1.0 0.95 0.0	91.9 0.0 70.5 71.1 101	1.0 0.95 0.0	92.9 0.0 71.1 71.7 101	1.0 0.98 0.0	93.9 0.0 72.1 72.7 101	1.0 0.99 0.0			
99	101	105	1.0 0.932 0.0	89.3 0.0 67.2 67.8 99	1.0 0.957 0.0	90.6 0.0 68.6 69.9 101	1.0 0.9 0.0	1.0 0.957 0.0	91.3 0.0 69.3 70.9 102	1.0 0.97 0.0	1.0 0.957 0.0	92.3 0.0 70.9 71.5 102	1.0 0.97 0.0	93.3 0.0 71.5 72.1 102	1.0 0.98 0.0	94.3 0.0 72.1 72.7 102	1.0 0.99 0.0			
100	102	106	1.0 0.945 0.0	90.0 0.0 67.9 68.5 100	1.0 0.97 0.0	91.3 0.0 69.3 70.9 102	1.0 0.9 0.0	1.0 0.983 0.0	92.0 0.0 70.0 71.8 103	1.0 0.97 0.0	1.0 0.983 0.0	93.0 0.0 71.8 72.4 103	1.0 0.97 0.0	94.0 0.0 72.4 73.0 103	1.0 0.98 0.0	95.0 0.0 73.0 73.6 103	1.0 0.99 0.0			
101	103	107	1.0 0.957 0.0	90.6 0.0 68.6 69.1 101	1.0 0.995 0.0	92.7 0.0 70.6 72.8 104	1.0 0.9 0.0	1.0 0.995 0.0	93.6 0.0 71.0 72.8 104	1.0 0.97 0.0	1.0 0.995 0.0	94.6 0.0 72.8 73.4 104	1.0 0.97 0.0	95.6 0.0 73.4 74.0 104	1.0 0.98 0.0	96.6 0.0 74.0 74.6 104	1.0 0.99 0.0			
102	104	109	1.0 0.97 0.0	91.3 0.0 69.3 70.0 102	1.0 0.995 0.0	93.2 0.0 70.6 72.8 105	1.0 0.9 0.0	1.0 0.995 0.0	94.1 0.0 71.0 73.2 105	1.0 0.97 0.0	1.0 0.995 0.0	95.1 0.0 73.2 74.8 105	1.0 0.97 0.0	96.1 0.0 74.8 75.4 105	1.0 0.98 0.0	97.1 0.0 75.4 76.0 105	1.0 0.99 0.0			
103	105	110	1.0 0.983 0.0	92.0 0.0 70.0 71.8 103	0.991 1.0 0.0	92.8 0.0 71.0 73.2 105	0.991 1.0 0.0	0.991 1.0 0.0	93.8 0.0 71.8 73.2 105	0.991 1.0 0.0	0.991 1.0 0.0	94.8 0.0 72.8 74.4 105	0.991 1.0 0.0	95.8 0.0 74.4 75.0 105	0.991 1.0 0.0	96.8 0.0 75.0 76.6 105	0.991 1.0 0.0			
104	106	111	1.0 0.995 0.0	92.7 0.0 70.6 72.8 104	0.976 1.0 0.0	92.6 0.0 70.4 72.6 106	0.976 1.0 0.0	0.976 1.0 0.0	93.6 0.0 71.2 73.4 106	0.976 1.0 0.0	0.976 1.0 0.0	94.6 0.0 72.2 7								

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 28.5, 104.4, 138.8, 196.8, 300.4, 327.6$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
118	120	127	0.789 1.0 0.0	89.9 -35.4 66.8	75.6 118	0.756 1.0 0.0	89.5 -38.0 66.0	76.3 120	0.5 1.0 0.0	0.614 1.0 0.0	87.9 -48.1 63.9	80.0 127	0.5 1.0 0.0
119	121	128	0.773 1.0 0.0	89.7 -36.7 66.4	75.9 119	0.737 1.0 0.0	89.2 -39.4 65.8	76.7 121	0.483 1.0 0.0	0.588 1.0 0.0	87.7 -49.6 63.6	80.8 128	0.483 1.0 0.0
120	122	130	0.756 1.0 0.0	89.5 -38.0 66.0	76.3 120	0.717 1.0 0.0	89.0 -40.8 65.5	77.2 122	0.467 1.0 0.0	0.536 1.0 0.0	87.2 -52.8 63.0	82.3 130	0.467 1.0 0.0
121	123	131	0.737 1.0 0.0	89.2 -39.4 65.8	76.7 121	0.697 1.0 0.0	88.8 -42.3 65.2	77.8 123	0.45 1.0 0.0	0.51 1.0 0.0	87.0 -54.4 62.6	83.0 131	0.45 1.0 0.0
122	124	132	0.717 1.0 0.0	89.0 -40.8 65.5	77.2 122	0.677 1.0 0.0	88.6 -43.7 64.9	78.3 124	0.433 1.0 0.0	0.477 1.0 0.0	86.8 -56.0 62.3	83.9 132	0.433 1.0 0.0
123	125	133	0.697 1.0 0.0	88.8 -42.3 65.2	77.8 123	0.657 1.0 0.0	88.3 -45.1 64.6	78.9 125	0.417 1.0 0.0	0.441 1.0 0.0	86.5 -57.7 62.0	84.8 133	0.417 1.0 0.0
124	126	134	0.677 1.0 0.0	88.6 -43.7 64.9	78.3 124	0.637 1.0 0.0	88.1 -46.6 64.2	79.4 126	0.4 1.0 0.0	0.405 1.0 0.0	86.3 -59.5 61.7	85.8 134	0.4 1.0 0.0
125	127	135	0.657 1.0 0.0	88.3 -45.1 64.6	78.9 125	0.614 1.0 0.0	87.9 -48.1 63.9	80.0 127	0.383 1.0 0.0	0.365 1.0 0.0	86.0 -61.2 61.3	86.7 135	0.383 1.0 0.0
126	128	137	0.637 1.0 0.0	88.1 -46.6 64.2	79.4 126	0.588 1.0 0.0	87.7 -49.6 63.6	80.8 128	0.367 1.0 0.0	0.254 1.0 0.0	85.6 -64.9 60.6	88.9 137	0.367 1.0 0.0
127	129	138	0.614 1.0 0.0	87.9 -48.1 63.9	80.0 127	0.562 1.0 0.0	87.4 -51.2 63.3	81.5 129	0.35 1.0 0.0	0.158 1.0 0.0	85.3 -66.9 60.3	90.1 138	0.35 1.0 0.0
128	130	139	0.588 1.0 0.0	87.7 -49.6 63.6	80.8 128	0.536 1.0 0.0	87.2 -52.8 63.0	82.3 130	0.333 1.0 0.0	0.0 1.0 0.0	0.031 85.1 -68.4 59.5	90.8 139	0.333 1.0 0.0
129	131	140	0.562 1.0 0.0	87.4 -51.2 63.3	81.5 129	0.51 1.0 0.0	87.0 -54.4 62.6	83.0 131	0.317 1.0 0.0	0.0 1.0 0.0	0.158 85.2 -67.7 56.9	88.6 140	0.317 1.0 0.0
130	132	141	0.536 1.0 0.0	87.2 -52.8 63.0	82.3 130	0.477 1.0 0.0	86.8 -56.0 62.3	83.9 132	0.3 1.0 0.0	0.0 1.0 0.0	0.227 85.2 -67.1 54.4	86.4 141	0.3 1.0 0.0
131	133	142	0.51 1.0 0.0	87.0 -54.4 62.6	83.0 131	0.441 1.0 0.0	86.5 -57.7 62.0	84.8 133	0.283 1.0 0.0	0.0 1.0 0.0	0.277 85.3 -66.4 52.0	84.4 142	0.283 1.0 0.0
132	134	144	0.477 1.0 0.0	86.8 -56.0 62.3	83.9 132	0.405 1.0 0.0	86.3 -59.5 61.7	85.8 134	0.267 1.0 0.0	0.0 1.0 0.0	0.356 85.4 -65.0 47.3	80.5 144	0.267 1.0 0.0
133	135	145	0.441 1.0 0.0	86.5 -57.7 62.0	84.8 133	0.365 1.0 0.0	86.0 -61.2 61.3	86.7 135	0.25 1.0 0.0	0.0 1.0 0.0	0.389 85.5 -64.4 45.2	78.7 145	0.25 1.0 0.0
134	136	146	0.405 1.0 0.0	86.3 -59.5 61.7	85.8 134	0.31 1.0 0.0	85.8 -63.1 61.0	87.8 136	0.233 1.0 0.0	0.0 1.0 0.0	0.415 85.5 -63.8 43.1	77.1 146	0.233 1.0 0.0
135	137	147	0.365 1.0 0.0	86.0 -61.2 61.3	86.7 135	0.254 1.0 0.0	85.6 -64.9 60.6	88.9 137	0.217 1.0 0.0	0.0 1.0 0.0	0.441 85.6 -63.2 41.1	75.4 147	0.217 1.0 0.0
136	138	148	0.31 1.0 0.0	85.8 -63.1 61.0	87.8 136	0.158 1.0 0.0	85.3 -66.9 60.3	90.1 138	0.2 1.0 0.0	0.0 1.0 0.0	0.468 85.7 -62.5 39.1	73.8 148	0.2 1.0 0.0
137	139	149	0.254 1.0 0.0	85.6 -64.9 60.6	88.9 137	0.0 1.0 0.0	0.031 85.1 -68.4 59.5	90.8 139	0.183 1.0 0.0	0.0 1.0 0.0	0.494 85.7 -61.7 37.1	72.1 149	0.183 1.0 0.0
138	140	151	0.158 1.0 0.0	85.3 -66.9 60.3	90.1 138	0.0 1.0 0.0	0.158 85.2 -67.7 56.9	88.6 140	0.167 1.0 0.0	0.0 1.0 0.0	0.533 85.8 -60.6 33.7	69.4 151	0.167 1.0 0.0
139	141	152	0.0 1.0 0.031	85.1 -68.4 59.5	90.8 139	0.0 1.0 0.0	0.227 85.2 -67.1 54.4	86.4 141	0.15 1.0 0.0	0.0 1.0 0.0	0.551 85.9 -60.1 32.0	68.1 152	0.15 1.0 0.0
140	142	153	0.0 1.0 0.158	85.2 -67.7 56.9	88.6 140	0.0 1.0 0.0	0.277 85.3 -66.4 52.0	84.4 142	0.133 1.0 0.0	0.0 1.0 0.0	0.57 85.9 -59.5 30.3	66.8 153	0.133 1.0 0.0
141	143	154	0.0 1.0 0.227	85.2 -67.1 54.4	86.4 141	0.0 1.0 0.0	0.316 85.4 -65.8 49.6	82.5 143	0.117 1.0 0.0	0.0 1.0 0.0	0.588 86.0 -58.8 28.7	65.5 154	0.117 1.0 0.0
142	144	155	0.0 1.0 0.277	85.3 -66.4 52.0	84.4 142	0.0 1.0 0.0	0.356 85.4 -65.0 47.3	80.5 144	0.1 1.0 0.0	0.0 1.0 0.0	0.607 86.1 -58.1 27.1	64.2 155	0.1 1.0 0.0
143	145	156	0.0 1.0 0.316	85.4 -65.8 49.6	82.5 143	0.0 1.0 0.0	0.389 85.5 -64.4 45.2	78.7 145	0.083 1.0 0.0	0.0 1.0 0.0	0.625 86.1 -57.4 25.6	62.9 156	0.083 1.0 0.0
144	146	158	0.0 1.0 0.356	85.4 -65.0 47.3	80.5 144	0.0 1.0 0.0	0.415 85.5 -63.8 43.1	77.1 146	0.067 1.0 0.0	0.0 1.0 0.0	0.651 86.2 -56.5 22.9	61.1 158	0.067 1.0 0.0
145	147	159	0.0 1.0 0.389	85.5 -64.4 45.2	78.7 145	0.0 1.0 0.0	0.441 85.6 -63.2 41.1	75.4 147	0.05 1.0 0.0	0.0 1.0 0.0	0.665 86.3 -56.1 21.6	60.1 159	0.05 1.0 0.0
146	148	160	0.0 1.0 0.415	85.5 -63.8 43.1	77.1 146	0.0 1.0 0.0	0.468 85.7 -62.5 39.1	73.8 148	0.033 1.0 0.0	0.0 1.0 0.0	0.678 86.3 -55.5 20.3	59.2 160	0.033 1.0 0.0
147	149	161	0.0 1.0 0.441	85.6 -63.2 41.1	75.4 147	0.0 1.0 0.0	0.494 85.7 -61.7 37.1	72.1 149	0.017 1.0 0.0	0.0 1.0 0.0	0.691 86.4 -55.0 19.0	58.3 161	0.017 1.0 0.0
148	150	162	0.0 1.0 0.468	85.7 -62.5 39.1	73.8 148	0.0 1.0 0.0	0.514 85.8 -61.2 35.4	70.7 150	0.0 1.0 0.0	0.0 1.0 0.0	0.704 86.4 -54.4 17.7	57.3 162	0.0 1.0 0.0
149	151	163	0.0 1.0 0.494	85.7 -61.7 37.1	72.1 149	0.0 1.0 0.0	0.533 85.8 -60.6 33.7	69.4 151	0.0 1.0 0.0	0.0 1.0 0.0	0.717 86.5 -53.9 16.5	56.4 163	0.0 1.0 0.0
150	152	164	0.0 1.0 0.514	85.8 -61.2 35.4	70.7 150	0.0 1.0 0.0	0.551 85.9 -60.1 32.0	68.1 152	0.0 1.0 0.0	0.0 1.0 0.0	0.73 86.5 -53.2 15.3	55.5 164	0.0 1.0 0.0
151	153	165	0.0 1.0 0.533	85.8 -60.6 33.7	69.4 151	0.0 1.0 0.0	0.57 85.9 -59.5 30.3	66.8 153	0.0 1.0 0.0	0.0 1.0 0.0	0.744 86.6 -52.6 14.1	54.6 165	0.0 1.0 0.0
152	154	166	0.0 1.0 0.551	85.9 -60.1 32.0	68.1 152	0.0 1.0 0.0	0.588 86.0 -58.8 28.7	65.5 154	0.0 1.0 0.0	0.0 1.0 0.0	0.755 86.6 -52.1 13.0	53.8 166	0.0 1.0 0.0
153	155	167	0.0 1.0 0.57	85.9 -59.5 30.3	66.8 153	0.0 1.0 0.0	0.607 86.1 -58.1 27.1	64.2 155	0.0 1.0 0.0	0.0 1.0 0.0	0.764 86.7 -51.8 12.0	53.2 167	0.0 1.0 0.0
154	156	168	0.0 1.0 0.588	86.0 -58.8 28.7	65.5 154	0.0 1.0 0.0	0.625 86.1 -57.4 25.6	62.9 156	0.0 1.0 0.0	0.0 1.0 0.0	0.773 86.7 -51.4 10.9	52.6 168	0.0 1.0 0.0
155	157	169	0.0 1.0 0.607	86.1 -58.1 27.1	64.2 155	0.0 1.0 0.0	0.638 86.2 -57.0 24.2	62.0 157	0.0 1.0 0.0	0.0 1.0 0.0	0.783 86.8 -51.0 9.9	52.1 169	0.0 1.0 0.0
156	158	170	0.0 1.0 0.625	86.1 -57.4 25.6	62.9 156	0.0 1.0 0.0	0.651 86.2 -56.5 22.9	61.1 158	0.0 1.0 0.0	0.0 1.0 0.0	0.792 86.8 -50.6 8.9	51.5 170	0.0 1.0 0.0
157	159	170	0.0 1.0 0.638	86.2 -57.0 24.2	62.0 157	0.0 1.0 0.0	0.665 86.3 -56.1 21.6	60.1 159	0.0 1.0 0.0	0.0 1.0 0.0	0.792 86.8 -50.6 8.9	51.5 170	0.0 1.0 0.0
158	160	171	0.0 1.0 0.651	86.2 -56.5 22.9	61.1 158	0.0 1.0 0.0	0.678 86.3 -55.5 20.3	59.2 160	0.0 1.0 0.0	0.0 1.0 0.0	0.802 86.8 -50.2 8.0	50.9 171	0.0 1.0 0.0
159	161	172	0.0 1.0 0.665	86.3 -56.1 21.6	60.1 159	0.0 1.0 0.0	0.691 86.4 -55.0 19.0	58.3 161	0.0 1.0 0.0	0.0 1.0 0.0	0.811 86.9 -49.7 7.0	50.3 172	0.0 1.0 0.0
160	162	173	0.0 1.0 0.678	86.3 -55.5 20.3	59.2 160	0.0 1.0 0.0	0.704 86.4 -54.4 17.7	57.3 162	0.0 1.0 0.0	0.0 1.0 0.0	0.82 86.9 -49.3 6.1	49.7 173	0.0 1.0 0.0
161	163	174	0.0 1.0 0.691	86.4 -55.0 19.0	58.3 161	0.0 1.0 0.0	0.717 86.5 -53.9 16.5	56.4 163	0.0 1.0 0.0	0.0 1.0 0.0	0.83 87.0 -48.8 5.1	49.1 174	0.0 1.0 0.0
162	164	175	0.0 1.0 0.704	86.4 -54.4 17.7	57.3 162	0.0 1.0 0.0	0.73 86.5 -53.2 15.3	55.5 164	0.0 1.0 0.0	0.0 1.0 0.0	0.839 87.0 -48.3 4.2	48.6 175	0.0 1.0 0.0
163	165	176	0.0 1.0 0.717	86.5 -53.9 16.5	56.4 163	0.0 1.0 0.0	0.744 86.6 -52.6 14.1	54.6 165	0.0 1.0 0.0	0.0 1.0 0.0	0.848 87.1 -47.8 3.3	48.0 176	0.0 1.0 0.0

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 28.5, 104.4, 138.8, 196.8, 300.4, 327.6$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddr$	$rgb^*ds$	$rgb^*de$		
163	165	176	0.0 1.0 0.717	86.5 -53.9 16.5	56.4 163	0.0 1.0 0.744	86.6 -52.6 14.1	54.6 165	0.0 1.0 0.25	0.0 1.0 0.848	87.1 -47.8 3.3	48.0 176	0.0 1.0 0.25	0.25	
164	166	177	0.0 1.0 0.73	86.5 -53.2 15.3	55.5 164	0.0 1.0 0.755	86.6 -52.1 13.0	53.8 166	0.0 1.0 0.267	0.0 1.0 0.858	87.1 -47.2 2.5	47.4 177	0.0 1.0 0.267	0.267	
165	167	178	0.0 1.0 0.744	86.6 -52.6 14.1	54.6 165	0.0 1.0 0.764	86.7 -51.8 12.0	53.2 167	0.0 1.0 0.283	0.0 1.0 0.867	87.2 -46.7 1.6	46.8 178	0.0 1.0 0.283	0.283	
166	168	179	0.0 1.0 0.755	86.6 -52.1 13.0	53.8 166	0.0 1.0 0.773	86.7 -51.4 10.9	52.6 168	0.0 1.0 0.3	0.0 1.0 0.876	87.2 -46.2 0.8	46.3 179	0.0 1.0 0.3	0.3	
167	169	180	0.0 1.0 0.764	86.7 -51.8 12.0	53.2 167	0.0 1.0 0.783	86.8 -51.0 9.9	52.1 169	0.0 1.0 0.317	0.0 1.0 0.883	87.2 -45.9 0.0	46.0 180	0.0 1.0 0.317	0.317	
168	170	180	0.0 1.0 0.773	86.7 -51.4 10.9	52.6 168	0.0 1.0 0.792	86.8 -50.6 8.9	51.5 170	0.0 1.0 0.333	0.0 1.0 0.883	87.2 -45.9 0.0	46.0 180	0.0 1.0 0.333	0.333	
169	171	181	0.0 1.0 0.783	86.8 -51.0 9.9	52.1 169	0.0 1.0 0.802	86.8 -50.2 8.0	50.9 171	0.0 1.0 0.35	0.0 1.0 0.89	87.3 -45.6 -0.7	45.7 181	0.0 1.0 0.35	0.35	
170	172	182	0.0 1.0 0.792	86.8 -50.6 8.9	51.5 170	0.0 1.0 0.811	86.9 -49.7 7.0	50.3 172	0.0 1.0 0.367	0.0 1.0 0.897	87.3 -45.3 -1.5	45.4 182	0.0 1.0 0.367	0.367	
171	173	183	0.0 1.0 0.802	86.8 -50.2 8.0	50.9 171	0.0 1.0 0.82	86.9 -49.3 6.1	49.7 173	0.0 1.0 0.383	0.0 1.0 0.904	87.4 -45.0 -2.3	45.1 183	0.0 1.0 0.383	0.383	
172	174	184	0.0 1.0 0.811	86.9 -49.7 7.0	50.3 172	0.0 1.0 0.83	87.0 -48.8 5.1	49.1 174	0.0 1.0 0.4	0.0 1.0 0.911	87.4 -44.6 -3.0	44.9 184	0.0 1.0 0.4	0.4	
173	175	185	0.0 1.0 0.82	86.9 -49.3 6.1	49.7 173	0.0 1.0 0.839	87.0 -48.3 4.2	48.6 175	0.0 1.0 0.417	0.0 1.0 0.918	87.4 -44.3 -3.8	44.6 185	0.0 1.0 0.417	0.417	
174	176	186	0.0 1.0 0.83	87.0 -48.8 5.1	49.1 174	0.0 1.0 0.848	87.1 -47.8 3.3	48.0 176	0.0 1.0 0.433	0.0 1.0 0.925	87.5 -43.9 -4.5	44.3 186	0.0 1.0 0.433	0.433	
175	177	187	0.0 1.0 0.839	87.0 -48.3 4.2	48.6 175	0.0 1.0 0.858	87.1 -47.2 2.5	47.4 177	0.0 1.0 0.45	0.0 1.0 0.932	87.5 -43.6 -5.3	44.0 187	0.0 1.0 0.45	0.45	
176	178	188	0.0 1.0 0.848	87.1 -47.8 3.3	48.0 176	0.0 1.0 0.867	87.2 -46.7 1.6	46.8 178	0.0 1.0 0.467	0.0 1.0 0.939	87.6 -43.2 -6.0	43.7 188	0.0 1.0 0.467	0.467	
177	179	189	0.0 1.0 0.858	87.1 -47.2 2.5	47.4 177	0.0 1.0 0.876	87.2 -46.2 0.8	46.3 179	0.0 1.0 0.483	0.0 1.0 0.946	87.6 -42.8 -6.7	43.4 189	0.0 1.0 0.483	0.483	
178	180	190	0.0 1.0 0.867	87.2 -46.7 1.6	46.8 178	0.0 1.0 0.883	87.2 -45.9 0.0	46.0 180	0.0 1.0 0.5	0.0 1.0 0.953	87.6 -42.4 -7.4	43.1 190	0.0 1.0 0.5	0.5	
179	181	191	0.0 1.0 0.876	87.2 -46.2 0.8	46.3 179	0.0 1.0 0.89	87.3 -45.6 -0.7	45.7 181	0.0 1.0 0.517	0.0 1.0 0.96	87.7 -42.0 -8.1	42.9 191	0.0 1.0 0.517	0.517	
180	182	191	0.0 1.0 0.883	87.2 -45.9 0.0	46.0 180	0.0 1.0 0.897	87.3 -45.3 -1.5	45.4 182	0.0 1.0 0.533	0.0 1.0 0.96	87.7 -42.0 -8.1	42.9 191	0.0 1.0 0.533	0.533	
181	183	192	0.0 1.0 0.89	87.3 -45.6 -0.7	45.7 181	0.0 1.0 0.904	87.4 -45.0 -2.3	45.1 183	0.0 1.0 0.55	0.0 1.0 0.967	87.7 -41.5 -8.8	42.6 192	0.0 1.0 0.55	0.55	
182	184	193	0.0 1.0 0.897	87.3 -45.3 -1.5	45.4 182	0.0 1.0 0.911	87.4 -44.6 -3.0	44.9 184	0.0 1.0 0.567	0.0 1.0 0.974	87.8 -41.1 -9.4	42.3 193	0.0 1.0 0.567	0.567	
183	185	194	0.0 1.0 0.904	87.4 -45.0 -2.3	45.1 183	0.0 1.0 0.918	87.4 -44.3 -3.8	44.6 185	0.0 1.0 0.583	0.0 1.0 0.981	87.8 -40.7 -10.1	42.0 194	0.0 1.0 0.583	0.583	
184	186	195	0.0 1.0 0.911	87.4 -44.6 -3.0	44.9 184	0.0 1.0 0.925	87.5 -43.9 -4.5	44.3 186	0.0 1.0 0.6	0.0 1.0 0.988	87.8 -40.2 -10.7	41.7 195	0.0 1.0 0.6	0.6	
185	187	196	0.0 1.0 0.918	87.4 -44.3 -3.8	44.6 185	0.0 1.0 0.932	87.5 -43.6 -5.3	44.0 187	0.0 1.0 0.617	0.0 1.0 0.995	87.9 -39.7 -11.3	41.4 196	0.0 1.0 0.617	0.617	
186	188	197	0.0 1.0 0.925	87.5 -43.9 -4.5	44.3 186	0.0 1.0 0.939	87.6 -43.2 -6.0	43.7 188	0.0 1.0 0.633	0.0 1.0 0.999	1.0 87.9 -39.3 -11.9	41.2 197	0.0 1.0 0.633	0.633	
187	189	198	0.0 1.0 0.932	87.5 -43.6 -5.3	44.0 187	0.0 1.0 0.946	87.6 -42.8 -6.7	43.4 189	0.0 1.0 0.65	0.0 1.0 0.994	1.0 87.5 -38.8 -12.5	40.9 198	0.0 1.0 0.65	0.65	
188	190	199	0.0 1.0 0.939	87.6 -43.2 -6.0	43.7 188	0.0 1.0 0.953	87.6 -42.4 -7.4	43.1 190	0.0 1.0 0.667	0.0 1.0 0.989	1.0 87.2 -38.4 -13.1	40.7 199	0.0 1.0 0.667	0.667	
189	191	200	0.0 1.0 0.946	87.6 -42.8 -6.7	43.4 189	0.0 1.0 0.96	87.7 -42.0 -8.1	42.9 191	0.0 1.0 0.683	0.0 1.0 0.983	1.0 86.9 -37.9 -13.7	40.5 200	0.0 1.0 0.683	0.683	
190	192	201	0.0 1.0 0.953	87.6 -42.4 -7.4	43.1 190	0.0 1.0 0.967	87.7 -41.5 -8.8	42.6 192	0.0 1.0 0.7	0.0 1.0 0.978	1.0 86.6 -37.5 -14.3	40.2 201	0.0 1.0 0.7	0.7	
191	193	201	0.0 1.0 0.96	87.8 -42.0 -8.1	42.9 191	0.0 1.0 0.974	87.8 -41.1 -9.4	42.3 193	0.0 1.0 0.717	0.0 1.0 0.978	1.0 86.6 -37.5 -14.3	40.2 201	0.0 1.0 0.717	0.717	
192	194	202	0.0 1.0 0.967	87.7 -41.5 -8.8	42.6 192	0.0 1.0 0.981	87.8 -40.7 -10.1	42.0 194	0.0 1.0 0.733	0.0 1.0 0.973	1.0 86.3 -37.0 -14.9	40.0 202	0.0 1.0 0.733	0.733	
193	195	203	0.0 1.0 0.974	87.8 -41.1 -9.4	42.3 193	0.0 1.0 0.988	87.8 -40.2 -10.7	41.7 195	0.0 1.0 0.75	0.0 1.0 0.968	1.0 86.0 -36.5 -15.4	39.8 203	0.0 1.0 0.75	0.75	
194	196	204	0.0 1.0 0.981	87.8 -40.7 -10.1	42.0 194	0.0 1.0 0.995	87.9 -39.7 -11.3	41.4 196	0.0 1.0 0.767	0.0 1.0 0.963	1.0 85.7 -36.0 -16.0	39.5 204	0.0 1.0 0.767	0.767	
195	197	205	0.0 1.0 0.988	87.8 -40.2 -10.7	41.7 195	0.0 0.999	1.0 87.9 -39.3 -11.9	41.2 197	0.0 1.0 0.783	0.0 1.0 0.958	1.0 85.3 -35.5 -16.5	39.3 205	0.0 1.0 0.783	0.783	
196	198	206	0.0 1.0 0.995	87.9 -39.7 -11.3	41.4 196	$C_d$	0.0 0.994	1.0 87.5 -38.8 -12.5	40.9 198	0.0 1.0 0.8	0.0 1.0 0.952	1.0 85.0 -35.0 -17.0	39.1 206	0.0 1.0 0.8	0.8
197	199	207	0.0 0.999	1.0 87.9 -39.3 -11.9	41.2 197		0.0 0.989	1.0 87.2 -38.4 -13.1	40.7 199	0.0 1.0 0.817	0.0 1.0 0.947	1.0 84.7 -34.5 -17.5	38.9 207	0.0 1.0 0.817	0.817
198	200	208	0.0 0.994	1.0 87.5 -38.8 -12.5	40.9 198		0.0 0.983	1.0 86.9 -37.9 -13.7	40.5 200	0.0 1.0 0.833	0.0 1.0 0.942	1.0 84.4 -34.0 -18.0	38.6 208	0.0 1.0 0.833	0.833
199	201	209	0.0 0.989	1.0 87.2 -38.4 -13.1	40.7 199		0.0 0.978	1.0 86.6 -37.5 -14.3	40.2 201	0.0 1.0 0.85	0.0 1.0 0.937	1.0 84.1 -33.5 -18.5	38.4 209	0.0 1.0 0.85	0.85
200	202	210	0.0 0.983	1.0 86.9 -37.9 -13.7	40.5 200		0.0 0.973	1.0 86.3 -37.0 -14.9	40.0 202	0.0 1.0 0.867	0.0 1.0 0.932	1.0 83.8 -33.0 -19.0	38.2 210	0.0 1.0 0.867	0.867
201	203	211	0.0 0.978	1.0 86.6 -37.5 -14.3	40.2 201		0.0 0.968	1.0 86.0 -36.5 -15.4	39.8 203	0.0 1.0 0.883	0.0 1.0 0.927	1.0 83.4 -32.4 -19.4	37.9 211	0.0 1.0 0.883	0.883
202	204	212	0.0 0.973	1.0 86.3 -37.0 -14.9	40.0 202		0.0 0.963	1.0 85.7 -36.0 -16.0	39.5 204	0.0 1.0 0.9	0.0 1.0 0.921	1.0 83.1 -31.9 -19.9	37.7 212	0.0 1.0 0.9	0.9
203	205	212	0.0 0.968	1.0 86.0 -36.5 -15.4	39.8 203		0.0 0.958	1.0 85.3 -35.5 -16.5	39.3 205	0.0 1.0 0.917	0.0 1.0 0.921	1.0 83.1 -31.9 -19.9	37.7 212	0.0 1.0 0.917	0.917
204	206	213	0.0 0.963	1.0 85.7 -36.0 -16.0	39.5 204		0.0 0.952	1.0 85.0 -35.0 -17.0	39.1 206	0.0 1.0 0.933	0.0 1.0 0.916	1.0 82.8 -31.3 -20.3	37.5 213	0.0 1.0 0.933	0.933
205	207	214	0.0 0.958	1.0 85.3 -35.5 -16.5	39.3 205		0.0 0.947	1.0 84.7 -34.5 -17.5	38.9 207	0.0 1.0 0.95	0.0 1.0 0.911	1.0 82.5 -30.8 -20.7	37.2 214	0.0 1.0 0.95	0.95
206	208	215	0.0 0.952	1.0 85.0 -35.0 -17.0	39.1 206		0.0 0.942	1.0 84.4 -34.0 -18.0	38.6 208	0.0 1.0 0.967	0.0 1.0 0.906	1.0 82.2 -30.2 -21.1	37.0 215	0.0 1.0 0.967	0.967
207	209	216	0.0 0.947	1.0 84.7 -34.5 -17.5	38.9 207		0.0 0.937	1.0 84.1 -33.5 -18.5	38.4 209	0.0 1.0 0.983	0.0 1.0 0.901	1.0 81.9 -29.7 -21.5	36.8 216	0.0 1.0 0.983	0.983
208	210	217	0.0 0.942	1.0 84.4 -34.0 -18.0	38.6 208		0.0 0.932	1.0 83.8 -33.0 -19.0	38.2 210	0.0 1.0 $C_s$	0.0 0.896	1.0 81.6 -29.1 -21.9	36.6 217	0.0 1.0 $1.0C_e$	1.0

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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: $h_{ab,d} = 28.5, 104.4, 138.8, 196.8, 300.4, 327.6$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$													
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix (x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix (x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix (x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
208	210	217	0.0 0.942 1.0	84.4 -34.0 -18.0 38.6 208	0.0 0.932 1.0	83.8 -33.0 -19.0 38.2 210	0.0 1.0 $1.0C_s$	0.0 0.896 1.0	81.6 -29.1 -21.9 36.6 217	0.0 1.0 $1.0C_e$			
209	211	218	0.0 0.937 1.0	84.1 -33.5 -18.5 38.4 209	0.0 0.927 1.0	83.4 -32.4 -19.4 37.9 211	0.0 0.983 1.0	0.0 0.89 1.0	81.2 -28.5 -22.3 36.3 218	0.0 0.983 1.0			
210	212	219	0.0 0.932 1.0	83.8 -33.0 -19.0 38.2 210	0.0 0.921 1.0	83.1 -31.9 -19.9 37.7 212	0.0 0.967 1.0	0.0 0.885 1.0	80.9 -27.9 -22.6 36.1 219	0.0 0.967 1.0			
211	213	220	0.0 0.927 1.0	83.4 -32.4 -19.4 37.9 211	0.0 0.916 1.0	82.8 -31.3 -20.3 37.5 213	0.0 0.95 1.0	0.0 0.88 1.0	80.6 -27.4 -23.0 35.9 220	0.0 0.95 1.0			
212	214	221	0.0 0.921 1.0	83.1 -31.9 -19.9 37.7 212	0.0 0.911 1.0	82.5 -30.8 -20.7 37.2 214	0.0 0.933 1.0	0.0 0.875 1.0	80.3 -26.8 -23.3 35.6 221	0.0 0.933 1.0			
213	215	222	0.0 0.916 1.0	82.8 -31.3 -20.3 37.5 213	0.0 0.906 1.0	82.2 -30.2 -21.1 37.0 215	0.0 0.917 1.0	0.0 0.87 1.0	80.0 -26.4 -23.8 35.7 222	0.0 0.917 1.0			
214	216	222	0.0 0.911 1.0	82.5 -30.8 -20.7 37.2 214	0.0 0.901 1.0	81.9 -29.7 -21.5 36.8 216	0.0 0.9 1.0	0.0 0.87 1.0	80.0 -26.4 -23.8 35.7 222	0.0 0.9 1.0			
215	217	223	0.0 0.906 1.0	82.2 -30.2 -21.1 37.0 215	0.0 0.896 1.0	81.6 -29.1 -21.9 36.6 217	0.0 0.883 1.0	0.0 0.866 1.0	79.8 -26.1 -24.3 35.8 223	0.0 0.883 1.0			
216	218	224	0.0 0.901 1.0	81.9 -29.7 -21.5 36.8 216	0.0 0.89 1.0	81.2 -28.5 -22.3 36.3 218	0.0 0.867 1.0	0.0 0.861 1.0	79.5 -25.7 -24.8 35.8 224	0.0 0.867 1.0			
217	219	225	0.0 0.896 1.0	81.6 -29.1 -21.9 36.6 217	0.0 0.885 1.0	80.9 -27.9 -22.6 36.1 219	0.0 0.85 1.0	0.0 0.857 1.0	79.2 -25.3 -25.3 35.9 225	0.0 0.85 1.0			
218	220	226	0.0 0.89 1.0	81.2 -28.5 -22.3 36.3 218	0.0 0.88 1.0	80.6 -27.4 -23.0 35.9 220	0.0 0.833 1.0	0.0 0.852 1.0	79.0 -24.9 -25.8 35.9 226	0.0 0.833 1.0			
219	221	227	0.0 0.885 1.0	80.9 -27.9 -22.6 36.1 219	0.0 0.875 1.0	80.3 -26.8 -23.3 35.6 221	0.0 0.817 1.0	0.0 0.848 1.0	78.7 -24.4 -26.2 36.0 227	0.0 0.817 1.0			
220	222	228	0.0 0.88 1.0	80.6 -27.4 -23.0 35.9 220	0.0 0.87 1.0	80.0 -26.4 -23.8 35.7 222	0.0 0.8 1.0	0.0 0.843 1.0	78.4 -24.0 -26.7 36.1 228	0.0 0.8 1.0			
221	223	229	0.0 0.875 1.0	80.3 -26.8 -23.3 35.6 221	0.0 0.866 1.0	79.8 -26.1 -24.3 35.8 223	0.0 0.783 1.0	0.0 0.838 1.0	78.2 -23.6 -27.2 36.1 229	0.0 0.783 1.0			
222	224	230	0.0 0.87 1.0	80.0 -26.4 -23.8 35.7 222	0.0 0.861 1.0	79.5 -25.7 -24.8 35.8 224	0.0 0.767 1.0	0.0 0.834 1.0	77.9 -23.2 -27.6 36.2 230	0.0 0.767 1.0			
223	225	231	0.0 0.866 1.0	79.8 -26.1 -24.3 35.8 223	0.0 0.857 1.0	79.2 -25.3 -25.3 35.9 225	0.0 0.75 1.0	0.0 0.829 1.0	77.6 -22.7 -28.1 36.2 231	0.0 0.75 1.0			
224	226	232	0.0 0.861 1.0	79.5 -25.7 -24.8 35.8 224	0.0 0.852 1.0	79.0 -24.9 -25.8 35.9 226	0.0 0.733 1.0	0.0 0.825 1.0	77.4 -22.2 -28.5 36.3 232	0.0 0.733 1.0			
225	227	232	0.0 0.857 1.0	79.2 -25.3 -25.3 35.9 225	0.0 0.848 1.0	78.7 -24.4 -26.2 36.0 227	0.0 0.717 1.0	0.0 0.825 1.0	77.4 -22.2 -28.5 36.3 232	0.0 0.717 1.0			
226	228	233	0.0 0.852 1.0	79.0 -24.9 -25.8 35.9 226	0.0 0.843 1.0	78.4 -24.0 -26.7 36.1 228	0.0 0.7 1.0	0.0 0.82 1.0	77.1 -21.8 -28.9 36.4 233	0.0 0.7 1.0			
227	229	234	0.0 0.848 1.0	78.7 -24.4 -26.2 36.0 227	0.0 0.838 1.0	78.2 -23.6 -27.2 36.1 229	0.0 0.683 1.0	0.0 0.816 1.0	76.8 -21.3 -29.4 36.4 234	0.0 0.683 1.0			
228	230	235	0.0 0.843 1.0	78.4 -24.0 -26.7 36.1 228	0.0 0.834 1.0	77.9 -23.2 -27.6 36.2 230	0.0 0.667 1.0	0.0 0.811 1.0	76.6 -20.8 -29.8 36.5 235	0.0 0.667 1.0			
229	231	236	0.0 0.838 1.0	78.2 -23.6 -27.2 36.1 229	0.0 0.829 1.0	77.6 -22.7 -28.1 36.2 231	0.0 0.65 1.0	0.0 0.807 1.0	76.3 -20.3 -30.2 36.5 236	0.0 0.65 1.0			
230	232	237	0.0 0.834 1.0	77.9 -23.2 -27.6 36.2 230	0.0 0.825 1.0	77.4 -22.2 -28.5 36.3 232	0.0 0.633 1.0	0.0 0.802 1.0	76.0 -19.8 -30.6 36.6 237	0.0 0.633 1.0			
231	233	238	0.0 0.829 1.0	77.6 -22.7 -28.1 36.2 231	0.0 0.82 1.0	77.1 -21.8 -28.9 36.4 233	0.0 0.617 1.0	0.0 0.797 1.0	75.7 -19.3 -31.0 36.7 238	0.0 0.617 1.0			
232	234	239	0.0 0.825 1.0	77.4 -22.2 -28.5 36.3 232	0.0 0.816 1.0	76.8 -21.3 -29.4 36.4 234	0.0 0.6 1.0	0.0 0.793 1.0	75.5 -18.8 -31.4 36.7 239	0.0 0.6 1.0			
233	235	240	0.0 0.82 1.0	77.1 -21.8 -28.9 36.4 233	0.0 0.811 1.0	76.6 -20.8 -29.8 36.5 235	0.0 0.583 1.0	0.0 0.788 1.0	75.2 -18.3 -31.7 36.8 240	0.0 0.583 1.0			
234	236	241	0.0 0.816 1.0	76.8 -21.3 -29.4 36.4 234	0.0 0.807 1.0	76.3 -20.3 -30.2 36.5 236	0.0 0.567 1.0	0.0 0.784 1.0	74.9 -17.8 -32.1 36.8 241	0.0 0.567 1.0			
235	237	242	0.0 0.811 1.0	76.6 -20.8 -29.8 36.5 235	0.0 0.802 1.0	76.0 -19.8 -30.6 36.6 237	0.0 0.55 1.0	0.0 0.779 1.0	74.7 -17.2 -32.5 36.9 242	0.0 0.55 1.0			
236	238	243	0.0 0.807 1.0	76.3 -20.3 -30.2 36.5 236	0.0 0.797 1.0	75.7 -19.3 -31.0 36.7 238	0.0 0.533 1.0	0.0 0.775 1.0	74.4 -16.7 -32.8 37.0 243	0.0 0.533 1.0			
237	239	243	0.0 0.802 1.0	76.0 -19.8 -30.6 36.6 237	0.0 0.793 1.0	75.5 -18.8 -31.4 36.7 239	0.0 0.517 1.0	0.0 0.775 1.0	74.4 -16.7 -32.8 37.0 243	0.0 0.517 1.0			
238	240	244	0.0 0.797 1.0	75.7 -19.3 -31.0 36.7 238	0.0 0.788 1.0	75.2 -18.3 -31.7 36.8 240	0.0 0.5 1.0	0.0 0.77 1.0	74.1 -16.1 -33.2 37.0 244	0.0 0.5 1.0			
239	241	245	0.0 0.793 1.0	75.5 -18.8 -31.4 36.7 239	0.0 0.784 1.0	74.9 -17.8 -32.1 36.8 241	0.0 0.483 1.0	0.0 0.766 1.0	73.9 -15.6 -33.5 37.1 245	0.0 0.483 1.0			
240	242	246	0.0 0.788 1.0	75.2 -18.3 -31.7 36.8 240	0.0 0.779 1.0	74.7 -17.2 -32.5 36.9 242	0.0 0.467 1.0	0.0 0.761 1.0	73.6 -15.0 -33.8 37.1 246	0.0 0.467 1.0			
241	243	247	0.0 0.784 1.0	74.9 -17.8 -32.1 36.8 241	0.0 0.775 1.0	74.4 -16.7 -32.8 37.0 243	0.0 0.45 1.0	0.0 0.756 1.0	73.3 -14.4 -34.1 37.2 247	0.0 0.45 1.0			
242	244	248	0.0 0.779 1.0	74.7 -17.2 -32.5 36.9 242	0.0 0.77 1.0	74.1 -16.1 -33.2 37.0 244	0.0 0.433 1.0	0.0 0.752 1.0	73.1 -13.9 -34.4 37.3 248	0.0 0.433 1.0			
243	245	249	0.0 0.775 1.0	74.4 -16.7 -32.8 37.0 243	0.0 0.766 1.0	73.9 -15.6 -33.5 37.1 245	0.0 0.417 1.0	0.0 0.747 1.0	72.8 -13.3 -34.9 37.5 249	0.0 0.417 1.0			
244	246	250	0.0 0.77 1.0	74.1 -16.1 -33.2 37.0 244	0.0 0.761 1.0	73.6 -15.0 -33.8 37.1 246	0.0 0.4 1.0	0.0 0.741 1.0	72.4 -12.9 -35.5 37.9 250	0.0 0.4 1.0			
245	247	251	0.0 0.766 1.0	73.9 -15.6 -33.5 37.1 245	0.0 0.756 1.0	73.3 -14.4 -34.1 37.2 247	0.0 0.383 1.0	0.0 0.735 1.0	72.1 -12.4 -36.1 38.3 251	0.0 0.383 1.0			
246	248	252	0.0 0.761 1.0	73.6 -15.0 -33.8 37.1 246	0.0 0.752 1.0	73.1 -13.9 -34.4 37.3 248	0.0 0.367 1.0	0.0 0.729 1.0	71.8 -11.8 -36.7 38.7 252	0.0 0.367 1.0			
247	249	253	0.0 0.756 1.0	73.3 -14.4 -34.1 37.2 247	0.0 0.747 1.0	72.8 -13.3 -34.9 37.5 249	0.0 0.35 1.0	0.0 0.723 1.0	71.5 -11.3 -37.2 39.0 253	0.0 0.35 1.0			
248	250	253	0.0 0.752 1.0	73.1 -13.9 -34.4 37.3 248	0.0 0.741 1.0	72.4 -12.9 -35.5 37.9 250	0.0 0.333 1.0	0.0 0.723 1.0	71.5 -11.3 -37.2 39.0 253	0.0 0.333 1.0			
249	251	254	0.0 0.747 1.0	72.8 -13.3 -34.9 37.5 249	0.0 0.735 1.0	72.1 -12.4 -36.1 38.3 251	0.0 0.317 1.0	0.0 0.717 1.0	71.1 -10.8 -37.8 39.4 254	0.0 0.317 1.0			
250	252	255	0.0 0.741 1.0	72.4 -12.9 -35.5 37.9 250	0.0 0.729 1.0	71.8 -11.8 -36.7 38.7 252	0.0 0.3 1.0	0.0 0.712 1.0	70.8 -10.2 -38.4 39.8 255	0.0 0.3 1.0			
251	253	256	0.0 0.735 1.0	72.1 -12.4 -36.1 38.3 251	0.0 0.723 1.0	71.5 -11.3 -37.2 39.0 253	0.0 0.283 1.0	0.0 0.706 1.0	70.5 -9.6 -38.9 40.2 256	0.0 0.283 1.0			
252	254	257	0.0 0.729 1.0	71.8 -11.8 -36.7 38.7 252	0.0 0.717 1.0	71.1 -10.8 -37.8 39.4 254	0.0 0.267 1.0	0.0 0.702 1.0	70.2 -9.0 -39.4 40.6 257	0.0 0.267 1.0			
253	255	258	0.0 0.723 1.0	71.5 -11.3 -37.2 39.0 253	0.0 0.712 1.0	70.8 -10.2 -38.4 39.8 255	0.0 0.25 1.0	0.0 0.694 1.0	69.8 -8.4 -40.0 41.0 258	0.0 0.25 1.0			

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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: $h_{ab,d} = 28.5, 104.4, 138.8, 196.8, 300.4, 327.6$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$															
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*dd$	$rgb^*dg$	$rgb^*ds$	$rgb^*de$	
253	255	258	0.0 0.723 1.0	71.5 -11.3 -37.2 39.0 253	0.0 0.712 1.0	70.8 -10.2 -38.4 39.8 255	0.0 0.25 1.0	0.0 0.694 1.0	69.8 -8.4 -40.0 41.0 258	0.0 0.25 1.0	0	0	0	0	
254	256	259	0.0 0.717 1.0	71.1 -10.8 -37.8 39.4 254	0.0 0.706 1.0	70.5 -9.6 -38.9 40.2 256	0.0 0.233 1.0	0.0 0.688 1.0	69.5 -7.8 -40.5 41.3 259	0.0 0.233 1.0	0	0	0	0	
255	257	260	0.0 0.712 1.0	70.8 -10.2 -38.4 39.8 255	0.0 0.7 1.0	70.2 -9.0 -39.4 40.6 257	0.0 0.217 1.0	0.0 0.682 1.0	69.2 -7.1 -41.0 41.7 260	0.0 0.217 1.0	0	0	0	0	
256	258	261	0.0 0.706 1.0	70.5 -9.6 -38.9 40.2 256	0.0 0.694 1.0	69.8 -8.4 -40.0 41.0 258	0.0 0.2 1.0	0.0 0.677 1.0	68.9 -6.5 -41.5 42.1 261	0.0 0.2 1.0	0	0	0	0	
257	259	262	0.0 0.7 1.0	70.2 -9.0 -39.4 40.6 257	0.0 0.688 1.0	69.5 -7.8 -40.5 41.3 259	0.0 0.183 1.0	0.0 0.671 1.0	68.5 -5.8 -42.0 42.5 262	0.0 0.183 1.0	0	0	0	0	
258	260	263	0.0 0.694 1.0	69.8 -8.4 -40.0 41.0 258	0.0 0.682 1.0	69.2 -7.1 -41.0 41.7 260	0.0 0.167 1.0	0.0 0.665 1.0	68.2 -5.1 -42.5 42.9 263	0.0 0.167 1.0	0	0	0	0	
259	261	264	0.0 0.688 1.0	69.5 -7.8 -40.5 41.3 259	0.0 0.677 1.0	68.9 -6.5 -41.5 42.1 261	0.0 0.15 1.0	0.0 0.659 1.0	67.9 -4.4 -42.9 43.3 264	0.0 0.15 1.0	0	0	0	0	
260	262	264	0.0 0.682 1.0	69.2 -7.1 -41.0 41.7 260	0.0 0.671 1.0	68.5 -5.8 -42.0 42.5 262	0.0 0.133 1.0	0.0 0.659 1.0	67.9 -4.4 -42.9 43.3 264	0.0 0.133 1.0	0	0	0	0	
261	263	265	0.0 0.677 1.0	68.9 -6.5 -41.5 42.1 261	0.0 0.665 1.0	68.2 -5.1 -42.5 42.9 263	0.0 0.117 1.0	0.0 0.653 1.0	67.6 -3.7 -43.4 43.7 265	0.0 0.117 1.0	0	0	0	0	
262	264	266	0.0 0.671 1.0	68.5 -5.8 -42.0 42.5 262	0.0 0.659 1.0	67.9 -4.4 -42.9 43.3 264	0.0 0.1 1.0	0.0 0.647 1.0	67.2 -3.0 -43.8 44.0 266	0.0 0.1 1.0	0	0	0	0	
263	265	267	0.0 0.665 1.0	68.2 -5.1 -42.5 42.9 263	0.0 0.653 1.0	67.6 -3.7 -43.4 43.7 265	0.0 0.083 1.0	0.0 0.642 1.0	66.9 -2.2 -44.3 44.4 267	0.0 0.083 1.0	0	0	0	0	
264	266	268	0.0 0.659 1.0	67.9 -4.4 -42.9 43.3 264	0.0 0.647 1.0	67.2 -3.0 -43.8 44.0 266	0.0 0.067 1.0	0.0 0.636 1.0	66.6 -1.5 -44.7 44.8 268	0.0 0.067 1.0	0	0	0	0	
265	267	269	0.0 0.653 1.0	67.6 -3.7 -43.4 43.7 265	0.0 0.642 1.0	66.9 -2.2 -44.3 44.4 267	0.0 0.05 1.0	0.0 0.63 1.0	66.3 -0.7 -45.1 45.2 269	0.0 0.05 1.0	0	0	0	0	
266	268	270	0.0 0.647 1.0	67.2 -3.0 -43.8 44.0 266	0.0 0.636 1.0	66.6 -1.5 -44.7 44.8 268	0.0 0.033 1.0	0.0 0.624 1.0	65.9 0.0 -45.5 45.6 270	0.0 0.033 1.0	0	0	0	0	
267	269	271	0.0 0.642 1.0	66.9 -2.2 -44.3 44.4 267	0.0 0.63 1.0	66.3 -0.7 -45.1 45.2 269	0.0 0.017 1.0	0.0 0.615 1.0	65.5 0.8 -46.4 46.5 271	0.0 0.017 1.0	0	0	0	0	
268	270	272	0.0 0.636 1.0	66.6 -1.5 -44.7 44.8 268	0.0 0.624 1.0	65.9 0.0 -45.5 45.6 270	0.0 0.0 1.0	1.0 $B_s$	0.0 0.605 1.0	65.0 1.7 -47.2 47.3 272	0.0 0.0 1.0	1.0 $B_e$	0.0 0.0 0.0	0.0 0.0 0.0	
269	271	273	0.0 0.63 1.0	66.3 -0.7 -45.1 45.2 269	0.0 0.615 1.0	65.5 0.8 -46.4 46.5 271	0.0 0.017 1.0	0.0 0.596 1.0	64.5 2.5 -48.0 48.2 273	0.0 0.017 1.0	0.0 0.596 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
270	272	274	0.0 0.624 1.0	65.9 0.0 -45.5 45.6 270	0.0 0.605 1.0	65.0 1.7 -47.2 47.3 272	0.0 0.033 1.0	0.0 0.587 1.0	64.1 3.4 -48.8 49.0 274	0.0 0.033 1.0	0.0 0.587 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
271	273	275	0.0 0.615 1.0	65.5 0.8 -46.4 46.5 271	0.0 0.596 1.0	64.5 2.5 -48.0 48.2 273	0.0 0.05 1.0	0.0 0.578 1.0	63.6 4.3 -49.6 49.9 275	0.0 0.05 1.0	0.0 0.578 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
272	274	276	0.0 0.605 1.0	65.0 1.7 -47.2 47.3 272	0.0 0.587 1.0	64.1 3.4 -48.8 49.0 274	0.0 0.067 0.0	0.0 0.569 1.0	63.1 5.3 -50.4 50.7 276	0.0 0.067 0.0	0.0 0.569 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
273	275	276	0.0 0.596 1.0	64.5 2.5 -48.0 48.2 273	0.0 0.578 1.0	63.6 4.3 -49.6 49.9 275	0.0 0.083 0.0	0.0 0.569 1.0	63.1 5.3 -50.4 50.7 276	0.0 0.083 0.0	0.0 0.569 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
274	276	277	0.0 0.587 1.0	64.1 3.4 -48.8 49.0 274	0.0 0.569 1.0	63.1 5.3 -50.4 50.7 276	0.1 0.0	0.0 0.56 1.0	62.7 6.3 -51.1 51.6 277	0.1 0.0	0.0 0.56 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
275	277	278	0.0 0.578 1.0	63.6 4.3 -49.6 49.9 275	0.0 0.56 1.0	62.7 6.3 -51.1 51.6 277	0.1 0.0	0.0 0.55 1.0	62.2 7.3 -51.8 52.4 278	0.1 0.0	0.0 0.55 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
276	278	279	0.0 0.569 1.0	63.1 5.3 -50.4 50.7 276	0.0 0.55 1.0	62.2 7.3 -51.8 52.4 278	0.1 0.0	0.0 0.541 1.0	61.8 8.3 -52.5 53.3 279	0.1 0.0	0.0 0.541 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
277	279	280	0.0 0.56 1.0	62.7 6.3 -51.1 51.6 277	0.0 0.541 1.0	61.8 8.3 -52.5 53.3 279	0.1 0.0	0.0 0.532 1.0	61.3 9.4 -53.2 54.1 280	0.1 0.0	0.0 0.532 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
278	280	281	0.0 0.55 1.0	62.2 7.3 -51.8 52.4 278	0.0 0.532 1.0	61.3 9.4 -53.2 54.1 280	0.1 0.0	0.0 0.523 1.0	60.8 10.5 -53.9 55.0 281	0.1 0.0	0.0 0.523 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
279	281	282	0.0 0.541 1.0	61.8 8.3 -52.5 53.3 279	0.0 0.523 1.0	60.8 10.5 -53.9 55.0 281	0.1 0.0	0.0 0.514 1.0	60.4 11.6 -54.5 55.8 282	0.1 0.0	0.0 0.514 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
280	282	283	0.0 0.532 1.0	61.3 9.4 -53.2 54.1 280	0.0 0.514 1.0	60.4 11.6 -54.5 55.8 282	0.2 0.0	0.0 0.505 1.0	59.9 12.8 -55.1 56.7 283	0.2 0.0	0.0 0.505 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
281	283	284	0.0 0.523 1.0	60.8 10.5 -53.9 55.0 281	0.0 0.505 1.0	59.9 12.8 -55.1 56.7 283	0.2 0.0	0.0 0.492 1.0	59.4 14.0 -56.0 57.8 284	0.2 0.0	0.0 0.492 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
282	284	285	0.0 0.514 1.0	60.4 11.6 -54.5 55.8 282	0.0 0.492 1.0	59.4 14.0 -56.0 57.8 284	0.2 0.0	0.0 0.477 1.0	58.7 15.3 -57.2 59.3 285	0.2 0.0	0.0 0.477 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
283	285	286	0.0 0.505 1.0	59.9 12.8 -55.1 56.7 283	0.0 0.477 1.0	58.7 15.3 -57.2 59.3 285	0.2 0.0	0.0 0.462 1.0	58.1 16.7 -58.3 60.7 286	0.2 0.0	0.0 0.462 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
284	286	287	0.0 0.492 1.0	59.4 14.0 -56.0 57.8 284	0.0 0.462 1.0	58.1 16.7 -58.3 60.7 286	0.2 0.0	0.0 0.447 1.0	57.4 18.2 -59.3 62.2 287	0.2 0.0	0.0 0.447 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
285	287	288	0.0 0.477 1.0	58.7 15.3 -57.2 59.3 285	0.0 0.447 1.0	57.4 18.2 -59.3 62.2 287	0.2 0.0	0.0 0.432 1.0	56.8 19.7 -60.4 63.6 288	0.2 0.0	0.0 0.432 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
286	288	289	0.0 0.462 1.0	58.1 16.7 -58.3 60.7 286	0.0 0.432 1.0	56.8 19.7 -60.4 63.6 288	0.3 0.0	0.0 0.417 1.0	56.1 21.2 -61.4 65.0 289	0.3 0.0	0.0 0.417 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
287	289	290	0.0 0.447 1.0	57.4 18.2 -59.3 62.2 287	0.0 0.417 1.0	56.1 21.2 -61.4 65.0 289	0.3 0.0	0.0 0.402 1.0	55.5 22.7 -62.4 66.5 290	0.3 0.0	0.0 0.402 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
288	290	291	0.0 0.432 1.0	56.8 19.7 -60.4 63.6 288	0.0 0.402 1.0	55.5 22.7 -62.4 66.5 290	0.3 0.0	0.0 0.387 1.0	54.8 24.3 -63.3 67.9 291	0.3 0.0	0.0 0.387 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
289	291	292	0.0 0.417 1.0	56.1 21.2 -61.4 65.0 289	0.0 0.387 1.0	54.8 24.3 -63.3 67.9 291	0.3 0.0	0.0 0.357 1.0	54.2 26.0 -64.3 69.5 292	0.3 0.0	0.0 0.357 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
290	292	293	0.0 0.402 1.0	55.5 22.7 -62.4 66.5 290	0.0 0.37 1.0	54.2 26.0 -64.3 69.5 292	0.3 0.0	0.0 0.345 1.0	53.3 27.9 -65.7 71.5 293	0.3 0.0	0.0 0.345 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
291	293	294	0.0 0.387 1.0	54.8 24.3 -63.3 67.9 291	0.0 0.345 1.0	53.3 27.9 -65.7 71.5 293	0.3 0.0	0.0 0.32 1.0	52.5 29.9 -67.1 73.6 294	0.3 0.0	0.0 0.32 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
292	294	294	0.0 0.37 1.0	54.2 26.0 -64.3 69.5 292	0.0 0.32 1.0	52.5 29.9 -67.1 73.6 294	0.4 0.0	0.0 0.30 1.0	52.5 29.9 -67.1 73.6 294	0.4 0.0	0.0 0.30 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
293	295	295	0.0 0.345 1.0	53.3 27.9 -65.7 71.5 293	0.0 0.295 1.0	51.7 32.0 -68.4 75.6 295	0.4 0.0	0.0 0.295 1.0	51.7 32.0 -68.4 75.6 295	0.4 0.0	0.0 0.295 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
294	296	296	0.0 0.32 1.0	52.5 29.9 -67.1 73.6 294	0.0 0.269 1.0	50.9 34.0 -69.7 77.7 296	0.4 0.0	0.0 0.269 1.0	50.9 34.0 -69.7 77.7 296	0.4 0.0	0.0 0.269 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
295	297	297	0.0 0.295 1.0	51.7 32.0 -68.4 75.6 295	0.0 0.239 1.0	50.0 36.2 -71.0 79.8 297	0.4 0.0	0.0 0.239 1.0	50.0 36.2 -71.0 79.8 297	0.4 0.0	0.0 0.239 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
296	298	298	0.0 0.269 1.0	50.9 34.0 -69.7 77.7 296	0.0 0.191 1.0	49.0 38.7 -72.6 82.4 298	0.4 0.0	0.0 0.191 1.0	49.0 38.7 -72.6 82.4 298	0.4 0.0	0.0 0.191 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
297	299	299	0.0 0.239 1.0	50.0 36.2 -71.0 79.8 297	0.0 0.144 1.0	48.1 41.2 -74.2 84.9 299	0.4 0.0	0.0 0.144 1.0	48.1 41.2 -74.2 84.9 299	0.4 0.0	0.0 0.144 1.0	0.0 0.0 0.0	0.0 0.0 0.0		
298	300	300	0.0 0.191 1.0	49.0 38.7 -72.6 82.4 298	0.0 0.049 1.0	47.1 43.8 -75.8 87.7 300	0.5 0.0	0.0 0.049 1.0	47.1 43.8 -75.8 87.7 300	0.5 0.0	0.0 0.049 1.0	0.0 0.0 0.0	0.0 0.0 0.0		

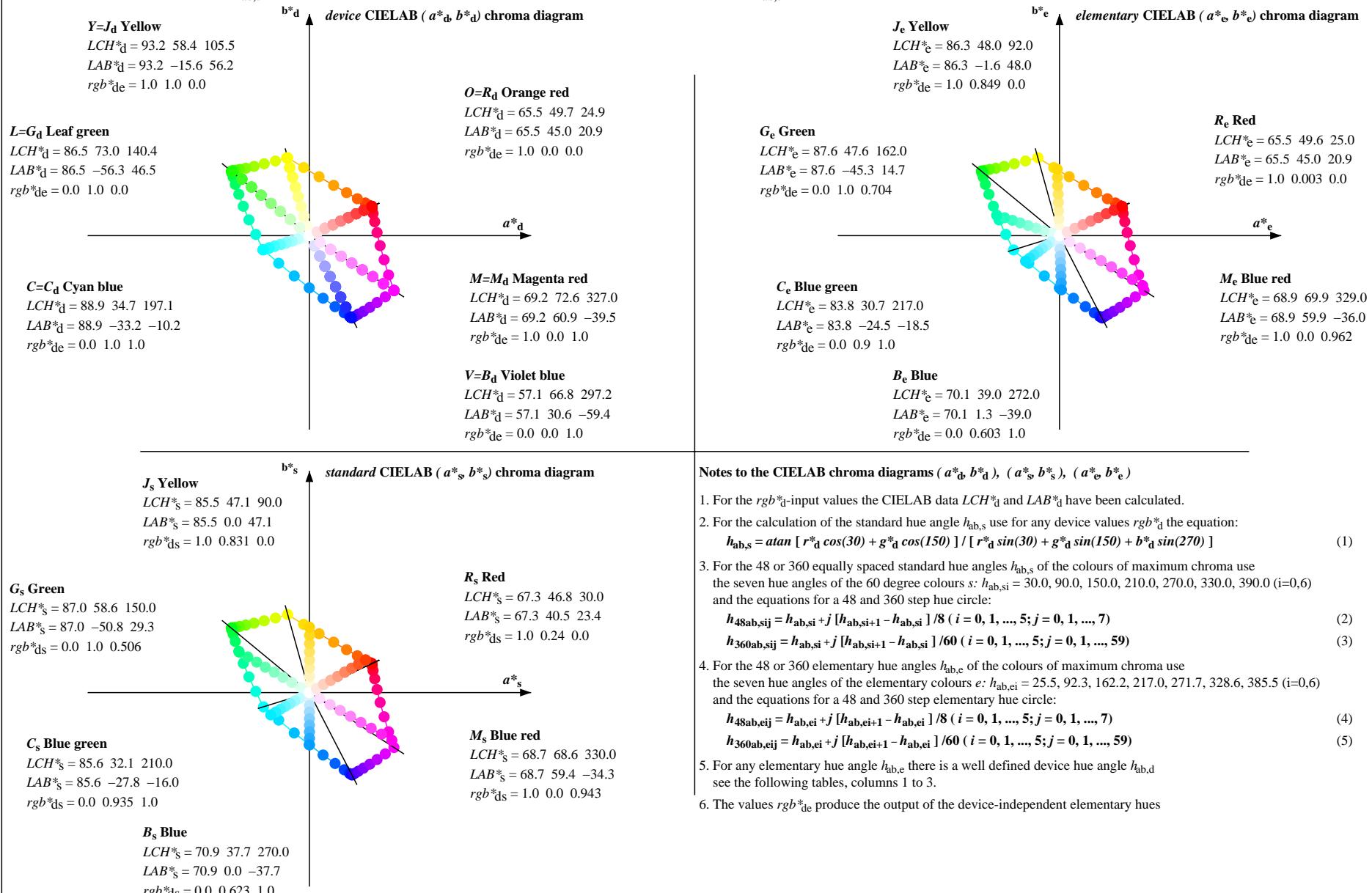
Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ; Six hue angles of the device colours d: $h_{ab,d} = 28.5, 104.4, 138.8, 196.8, 300.4, 327.6$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																										
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$			$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$			$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$			$rgb^*e50M$	$rgb^*ddr$	$rgb^*ds$	$rgb^*de$							
298	300	300	0.0 0.191 1.0	49.0 38.7	-72.6	82.4	298	0.0 0.049 1.0	47.1	43.8	-75.8	87.7	300	0.5 0.0	1.0	0.0 0.049 1.0	47.1	43.8	-75.8	87.7	300	0.5 0.0	1.0			
299	301	301	0.0 0.144 1.0	48.1 41.2	-74.2	84.9	299	0.13 0.0	1.0	47.0	45.7	-75.9	88.7	301	0.517 0.0	1.0	0.13 0.0	1.0	47.0	45.7	-75.9	88.7	301	0.517 0.0	1.0	
300	302	302	0.0 0.049 1.0	47.1 43.8	-75.8	87.7	300	<b>B_d</b>	0.221 0.0	1.0	47.6	46.9	-74.9	88.5	302	0.533 0.0	1.0	0.221 0.0	1.0	47.6	46.9	-74.9	88.5	302	0.533 0.0	1.0
301	303	303	0.13 0.0 1.0	47.0 45.7	-75.9	88.7	301	0.286 0.0	1.0	48.1	48.1	-74.0	88.3	303	0.55 0.0	1.0	0.286 0.0	1.0	48.1	48.1	-74.0	88.3	303	0.55 0.0	1.0	
302	304	304	0.221 0.0 1.0	47.6 46.9	-74.9	88.5	302	0.34 0.0	1.0	48.7	49.3	-73.0	88.2	304	0.567 0.0	1.0	0.34 0.0	1.0	48.7	49.3	-73.0	88.2	304	0.567 0.0	1.0	
303	305	305	0.286 0.0 1.0	48.1 48.1	-74.0	88.3	303	0.388 0.0	1.0	49.3	50.5	-72.0	88.0	305	0.583 0.0	1.0	0.388 0.0	1.0	49.3	50.5	-72.0	88.0	305	0.583 0.0	1.0	
304	306	306	0.34 0.0 1.0	48.7 49.3	-73.0	88.2	304	0.426 0.0	1.0	49.9	51.7	-71.0	87.9	306	0.6 0.0	1.0	0.426 0.0	1.0	49.9	51.7	-71.0	87.9	306	0.6 0.0	1.0	
305	307	307	0.388 0.0 1.0	49.3 50.5	-72.0	88.0	305	0.464 0.0	1.0	50.5	52.9	-70.0	87.8	307	0.617 0.0	1.0	0.464 0.0	1.0	50.5	52.9	-70.0	87.8	307	0.617 0.0	1.0	
306	308	308	0.426 0.0 1.0	49.9 51.7	-71.0	87.9	306	0.502 0.0	1.0	51.1	54.0	-69.0	87.7	308	0.633 0.0	1.0	0.502 0.0	1.0	51.1	54.0	-69.0	87.7	308	0.633 0.0	1.0	
307	309	309	0.464 0.0 1.0	50.5 52.9	-70.0	87.8	307	0.532 0.0	1.0	51.7	55.2	-68.1	87.7	309	0.65 0.0	1.0	0.532 0.0	1.0	51.7	55.2	-68.1	87.7	309	0.65 0.0	1.0	
308	310	310	0.502 0.0 1.0	51.1 54.0	-69.0	87.7	308	0.563 0.0	1.0	52.3	56.3	-67.0	87.7	310	0.667 0.0	1.0	0.563 0.0	1.0	52.3	56.3	-67.0	87.7	310	0.667 0.0	1.0	
309	311	311	0.532 0.0 1.0	51.7 55.2	-68.1	87.7	309	0.593 0.0	1.0	52.9	57.5	-66.0	87.6	311	0.683 0.0	1.0	0.593 0.0	1.0	52.9	57.5	-66.0	87.6	311	0.683 0.0	1.0	
310	312	312	0.563 0.0 1.0	52.3 56.3	-67.0	87.7	310	0.623 0.0	1.0	53.5	58.6	-65.0	87.6	312	0.7 0.0	1.0	0.623 0.0	1.0	53.5	58.6	-65.0	87.6	312	0.7 0.0	1.0	
311	313	312	0.593 0.0 1.0	52.9 57.5	-66.0	87.6	311	0.65 0.0	1.0	54.2	59.8	-64.0	87.6	313	0.717 0.0	1.0	0.623 0.0	1.0	53.5	58.6	-65.0	87.6	312	0.717 0.0	1.0	
312	314	313	0.623 0.0 1.0	53.5 58.6	-65.0	87.6	312	0.676 0.0	1.0	54.8	60.9	-63.0	87.7	314	0.733 0.0	1.0	0.65 0.0	1.0	54.2	59.8	-64.0	87.6	313	0.733 0.0	1.0	
313	315	314	0.65 0.0 1.0	54.2 59.8	-64.0	87.6	313	0.702 0.0	1.0	55.4	62.0	-61.9	87.7	315	0.75 0.0	1.0	0.676 0.0	1.0	54.8	60.9	-63.0	87.7	314	0.75 0.0	1.0	
314	316	315	0.676 0.0 1.0	54.8 60.9	-63.0	87.7	314	0.728 0.0	1.0	56.0	63.1	-60.9	87.8	316	0.767 0.0	1.0	0.702 0.0	1.0	55.4	62.0	-61.9	87.7	315	0.767 0.0	1.0	
315	317	316	0.702 0.0 1.0	55.4 62.0	-61.9	87.7	315	0.754 0.0	1.0	56.7	64.2	-59.8	87.8	317	0.783 0.0	1.0	0.728 0.0	1.0	56.0	63.1	-60.9	87.8	316	0.783 0.0	1.0	
316	318	317	0.728 0.0 1.0	56.0 63.1	-60.9	87.8	316	0.778 0.0	1.0	57.3	65.4	-58.8	88.0	318	0.8 0.0	1.0	0.754 0.0	1.0	56.7	64.2	-59.8	87.8	317	0.8 0.0	1.0	
317	319	318	0.754 0.0 1.0	56.7 64.2	-59.8	87.8	317	0.802 0.0	1.0	58.0	66.5	-57.7	88.1	319	0.817 0.0	1.0	0.778 0.0	1.0	57.3	65.4	-58.8	88.0	318	0.817 0.0	1.0	
318	320	319	0.778 0.0 1.0	57.3 65.4	-58.8	88.0	318	0.825 0.0	1.0	58.6	67.6	-56.6	88.2	320	0.833 0.0	1.0	0.802 0.0	1.0	58.0	66.5	-57.7	88.1	319	0.833 0.0	1.0	
319	321	320	0.802 0.0 1.0	58.0 66.5	-57.7	88.1	319	0.849 0.0	1.0	59.3	68.7	-55.5	88.4	321	0.85 0.0	1.0	0.825 0.0	1.0	58.6	67.6	-56.6	88.2	320	0.85 0.0	1.0	
320	322	321	0.825 0.0 1.0	58.6 67.6	-56.6	88.2	320	0.873 0.0	1.0	59.9	69.8	-54.4	88.5	322	0.867 0.0	1.0	0.849 0.0	1.0	59.3	68.7	-55.5	88.4	321	0.867 0.0	1.0	
321	323	322	0.849 0.0 1.0	59.3 68.7	-55.5	88.4	321	0.896 0.0	1.0	60.6	70.9	-53.3	88.8	323	0.883 0.0	1.0	0.873 0.0	1.0	59.9	69.8	-54.4	88.5	322	0.883 0.0	1.0	
322	324	323	0.873 0.0 1.0	59.9 69.8	-54.4	88.5	322	0.919 0.0	1.0	61.3	72.0	-52.2	89.0	324	0.9 0.0	1.0	0.896 0.0	1.0	60.6	70.9	-53.3	88.8	323	0.9 0.0	1.0	
323	325	324	0.896 0.0 1.0	60.6 70.9	-53.3	88.8	323	0.941 0.0	1.0	62.0	73.1	-51.1	89.3	325	0.917 0.0	1.0	0.919 0.0	1.0	61.3	72.0	-52.2	89.0	324	0.917 0.0	1.0	
324	326	325	0.919 0.0 1.0	61.3 72.0	-52.2	89.0	324	0.964 0.0	1.0	62.6	74.2	-50.0	89.6	326	0.933 0.0	1.0	0.941 0.0	1.0	62.0	73.1	-51.1	89.3	325	0.933 0.0	1.0	
325	327	326	0.941 0.0 1.0	62.0 73.1	-51.1	89.3	325	0.987 0.0	1.0	63.3	75.3	-48.8	89.8	327	0.95 0.0	1.0	0.964 0.0	1.0	62.6	74.2	-50.0	89.6	326	0.95 0.0	1.0	
326	328	327	0.964 0.0 1.0	62.6 74.2	-50.0	89.6	326	1.0 0.0	0.991 63.6	75.7	-47.2	89.3	328	0.967 0.0	1.0	0.987 0.0	1.0	63.3	75.3	-48.8	89.8	327	0.967 0.0	1.0		
327	329	328	0.987 0.0 1.0	63.3 75.3	-48.8	89.8	327	<b>M_d</b>	1.0 0.0	0.971 63.4	75.7	-45.1	89.3	328	0.983 0.0	1.0	1.0 0.0	0.991 63.6	75.7	-45.1	89.3	328	0.983 0.0	1.0		
328	330	329	1.0 0.0	0.991 63.6	75.7	-47.2	89.3	328	1.0 0.0	0.951 63.2	74.6	-42.9	86.1	330	1.0 0.0	1.0	0.971 63.4	75.7	-45.1	87.7	329	1.0 0.0	1.0 <b>M_e</b>			
329	331	330	1.0 0.0	0.971 63.4	75.2	-45.1	87.7	329	1.0 0.0	0.931 63.0	73.9	-40.9	84.5	331	1.0 0.0	0.983	1.0 0.0	0.951 63.2	74.6	-42.9	86.1	330	1.0 0.0	0.983		
330	332	331	1.0 0.0	0.951 63.2	74.6	-42.9	86.1	330	1.0 0.0	0.911 62.8	73.2	-38.8	82.9	332	1.0 0.0	0.967	1.0 0.0	0.931 63.0	73.9	-40.9	84.5	331	1.0 0.0	0.967		
331	333	331	1.0 0.0	0.931 63.0	73.9	-40.9	84.5	331	1.0 0.0	0.891 62.6	72.4	-36.8	81.3	333	1.0 0.0	0.95	1.0 0.0	0.931 63.0	73.9	-40.9	84.5	331	1.0 0.0	0.95		
332	334	332	1.0 0.0	0.911 62.8	73.2	-38.8	82.9	332	1.0 0.0	0.872 62.4	71.8	-34.9	79.8	334	1.0 0.0	0.933	1.0 0.0	0.911 62.8	73.2	-38.8	82.9	332	1.0 0.0	0.933		
333	335	333	1.0 0.0	0.891 62.6	72.4	-36.8	81.3	333	1.0 0.0	0.856 62.3	71.4	-33.2	78.8	335	1.0 0.0	0.917	1.0 0.0	0.891 62.6	72.4	-36.8	81.3	333	1.0 0.0	0.917		
334	336	334	1.0 0.0	0.872 62.4	71.8	-34.9	79.8	334	1.0 0.0	0.841 62.2	71.1	-31.5	77.8	336	1.0 0.0	0.9	1.0 0.0	0.872 62.4	71.8	-34.9	79.8	334	1.0 0.0	0.9		
335	337	335	1.0 0.0	0.856 62.3	71.4	-33.2	78.8	335	1.0 0.0	0.825 62.1	70.6	-29.9	76.7	337	1.0 0.0	0.883	1.0 0.0	0.856 62.3	71.4	-33.2	78.8	335	1.0 0.0	0.883		
336	338	336	1.0 0.0	0.841 62.2	71.1	-31.5	77.8	336	1.0 0.0	0.81 61.9	70.2	-28.3	75.7	338	1.0 0.0	0.867	1.0 0.0	0.841 62.2	71.1	-31.5	77.8	336	1.0 0.0	0.867		
337	339	337	1.0 0.0	0.825 62.1	70.6	-29.9	76.7	337	1.0 0.0	0.795 61.8	69.7	-26.7	74.7	339	1.0 0.0	0.85	1.0 0.0	0.825 62.1	70.6	-29.9	76.7	337	1.0 0.0	0.85		
338	340	338	1.0 0.0	0.81 61.9	70.2	-28.3	75.7	338	1.0 0.0	0.779 61.7	69.2	-25.1	73.7	340	1.0 0.0	0.833	1.0 0.0	0.81 61.9	70.2	-28.3	75.7	338	1.0 0.0	0.833		
339	341	339	1.0 0.0	0.795 61.8	69.7	-26.7	74.7	339	1.0 0.0	0.764 61.5	68.7	-23.6	72.6	341	1.0 0.0	0.817	1.0 0.0	0.795 61.8	69.7	-26.7	74.7	339	1.0 0.0	0.817		
340	342	340	1.0 0.0	0.779 61.7	69.2	-25.1	73.7																			

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 28.5, 104.4, 138.8, 196.8, 300.4, 327.6$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
343	345	343	1.0 0.0 0.736	61.3 68.0 -20.7	71.1 343	1.0 0.0 0.711	61.1 67.5 -18.0	69.9 345	1.0 0.0 0.75	1.0 0.0 0.736	61.3 68.0 -20.7	71.1 343	1.0 0.0 0.75
344	346	344	1.0 0.0 0.723	61.2 67.7 -19.3	70.5 344	1.0 0.0 0.698	61.1 67.2 -16.7	69.3 346	1.0 0.0 0.733	1.0 0.0 0.723	61.2 67.7 -19.3	70.5 344	1.0 0.0 0.733
345	347	345	1.0 0.0 0.711	61.1 67.5 -18.0	69.9 345	1.0 0.0 0.685	61.0 66.9 -15.3	68.7 347	1.0 0.0 0.717	1.0 0.0 0.711	61.1 67.5 -18.0	69.9 345	1.0 0.0 0.717
346	348	346	1.0 0.0 0.698	61.1 67.2 -16.7	69.3 346	1.0 0.0 0.673	60.9 66.6 -14.0	68.1 348	1.0 0.0 0.7	1.0 0.0 0.698	61.1 67.2 -16.7	69.3 346	1.0 0.0 0.7
347	349	347	1.0 0.0 0.685	61.0 66.9 -15.3	68.7 347	1.0 0.0 0.66	60.8 66.2 -12.8	67.5 349	1.0 0.0 0.683	1.0 0.0 0.685	61.0 66.9 -15.3	68.7 347	1.0 0.0 0.683
348	350	348	1.0 0.0 0.673	60.9 66.6 -14.0	68.1 348	1.0 0.0 0.647	60.7 65.8 -11.5	66.9 350	1.0 0.0 0.667	1.0 0.0 0.673	60.9 66.6 -14.0	68.1 348	1.0 0.0 0.667
349	351	349	1.0 0.0 0.66	60.8 66.2 -12.8	67.5 349	1.0 0.0 0.635	60.6 65.4 -10.3	66.2 351	1.0 0.0 0.65	1.0 0.0 0.66	60.8 66.2 -12.8	67.5 349	1.0 0.0 0.65
350	352	349	1.0 0.0 0.647	60.7 65.8 -11.5	66.9 350	1.0 0.0 0.622	60.5 65.1 -9.0	65.7 352	1.0 0.0 0.633	1.0 0.0 0.66	60.8 66.2 -12.8	67.5 349	1.0 0.0 0.633
351	353	350	1.0 0.0 0.635	60.6 65.4 -10.3	66.2 351	1.0 0.0 0.611	60.5 65.0 -7.9	65.4 353	1.0 0.0 0.617	1.0 0.0 0.647	60.7 65.8 -11.5	66.9 350	1.0 0.0 0.617
352	354	351	1.0 0.0 0.622	60.5 65.1 -9.0	65.7 352	1.0 0.0 0.599	60.4 64.8 -6.7	65.2 354	1.0 0.0 0.6	1.0 0.0 0.635	60.6 65.4 -10.3	66.2 351	1.0 0.0 0.6
353	355	352	1.0 0.0 0.611	60.5 65.0 -7.9	65.4 353	1.0 0.0 0.588	60.4 64.6 -5.6	64.9 355	1.0 0.0 0.583	1.0 0.0 0.622	60.5 65.1 -9.0	65.7 352	1.0 0.0 0.583
354	356	353	1.0 0.0 0.599	60.4 64.8 -6.7	65.2 354	1.0 0.0 0.577	60.3 64.4 -4.4	64.6 356	1.0 0.0 0.567	1.0 0.0 0.611	60.5 65.0 -7.9	65.4 353	1.0 0.0 0.567
355	357	354	1.0 0.0 0.588	60.4 64.6 -5.6	64.9 355	1.0 0.0 0.565	60.2 64.2 -3.3	64.3 357	1.0 0.0 0.55	1.0 0.0 0.599	60.4 64.8 -6.7	65.2 354	1.0 0.0 0.55
356	358	355	1.0 0.0 0.577	60.3 64.4 -4.4	64.6 356	1.0 0.0 0.554	60.2 64.0 -2.1	64.0 358	1.0 0.0 0.533	1.0 0.0 0.588	60.4 64.6 -5.6	64.9 355	1.0 0.0 0.533
357	359	356	1.0 0.0 0.565	60.2 64.2 -3.3	64.3 357	1.0 0.0 0.542	60.1 63.7 -1.0	63.7 359	1.0 0.0 0.517	1.0 0.0 0.577	60.3 64.4 -4.4	64.6 356	1.0 0.0 0.517
358	360	357	1.0 0.0 0.554	60.2 64.0 -2.1	64.0 358	1.0 0.0 0.531	60.0 63.5 0.0	63.5 0	1.0 0.0 0.5	1.0 0.0 0.565	60.2 64.2 -3.3	64.3 357	1.0 0.0 0.5
359	361	358	1.0 0.0 0.542	60.1 63.7 -1.0	63.7 359	1.0 0.0 0.519	60.0 63.2 1.1	63.2 1	1.0 0.0 0.483	1.0 0.0 0.554	60.2 64.0 -2.1	64.0 358	1.0 0.0 0.483
0	362	359	1.0 0.0 0.531	60.0 63.5 0.0	63.5 0	1.0 0.0 0.508	59.9 62.9 2.2	62.9 2	1.0 0.0 0.467	1.0 0.0 0.542	60.1 63.7 -1.0	63.7 359	1.0 0.0 0.467
1	363	360	1.0 0.0 0.519	60.0 63.2 1.1	63.2 1	1.0 0.0 0.496	59.9 62.6 3.3	62.7 3	1.0 0.0 0.45	1.0 0.0 0.531	60.0 63.5 0.0	63.5 0	1.0 0.0 0.45
2	364	361	1.0 0.0 0.508	59.9 62.9 2.2	62.9 2	1.0 0.0 0.484	59.8 62.5 4.4	62.7 4	1.0 0.0 0.433	1.0 0.0 0.519	60.0 63.2 1.1	63.2 1	1.0 0.0 0.433
3	365	362	1.0 0.0 0.496	59.9 62.6 3.3	62.7 3	1.0 0.0 0.472	59.8 62.4 5.5	62.6 5	1.0 0.0 0.417	1.0 0.0 0.508	59.9 62.9 2.2	62.9 2	1.0 0.0 0.417
4	366	363	1.0 0.0 0.484	59.8 62.5 4.4	62.7 4	1.0 0.0 0.46	59.7 62.3 6.5	62.6 6	1.0 0.0 0.4	1.0 0.0 0.496	59.9 62.6 3.3	62.7 3	1.0 0.0 0.4
5	367	364	1.0 0.0 0.472	59.8 62.4 5.5	62.6 5	1.0 0.0 0.448	59.7 62.1 7.6	62.6 7	1.0 0.0 0.383	1.0 0.0 0.484	59.8 62.5 4.4	62.7 4	1.0 0.0 0.383
6	368	365	1.0 0.0 0.46	59.7 62.3 6.5	62.6 6	1.0 0.0 0.436	59.6 61.9 8.7	62.5 8	1.0 0.0 0.367	1.0 0.0 0.472	59.8 62.4 5.5	62.6 5	1.0 0.0 0.367
7	369	366	1.0 0.0 0.448	59.7 62.1 7.6	62.6 7	1.0 0.0 0.424	59.6 61.7 9.8	62.5 9	1.0 0.0 0.35	1.0 0.0 0.46	59.7 62.3 6.5	62.6 6	1.0 0.0 0.35
8	370	367	1.0 0.0 0.436	59.6 61.9 8.7	62.5 8	1.0 0.0 0.412	59.5 61.5 10.8	62.5 10	1.0 0.0 0.333	1.0 0.0 0.448	59.7 62.1 7.6	62.6 7	1.0 0.0 0.333
9	371	367	1.0 0.0 0.424	59.6 61.7 9.8	62.5 9	1.0 0.0 0.4	59.5 61.3 11.9	62.4 11	1.0 0.0 0.317	1.0 0.0 0.448	59.7 62.1 7.6	62.6 7	1.0 0.0 0.317
10	372	368	1.0 0.0 0.412	59.5 61.5 10.8	62.5 10	1.0 0.0 0.388	59.4 61.0 13.0	62.4 12	1.0 0.0 0.3	1.0 0.0 0.436	59.6 61.9 8.7	62.5 8	1.0 0.0 0.3
11	373	369	1.0 0.0 0.4	59.5 61.3 11.9	62.4 11	1.0 0.0 0.376	59.4 60.8 14.0	62.4 13	1.0 0.0 0.283	1.0 0.0 0.424	59.6 61.7 9.8	62.5 9	1.0 0.0 0.283
12	374	370	1.0 0.0 0.388	59.4 61.0 13.0	62.4 12	1.0 0.0 0.361	59.3 60.7 15.1	62.5 14	1.0 0.0 0.267	1.0 0.0 0.412	59.5 61.5 10.8	62.5 10	1.0 0.0 0.267
13	375	371	1.0 0.0 0.376	59.4 60.8 14.0	62.4 13	1.0 0.0 0.346	59.3 60.6 16.2	62.7 15	1.0 0.0 0.25	1.0 0.0 0.4	59.5 61.3 11.9	62.4 11	1.0 0.0 0.25
14	376	372	1.0 0.0 0.361	59.3 60.7 15.1	62.5 14	1.0 0.0 0.331	59.2 60.5 17.3	62.9 16	1.0 0.0 0.233	1.0 0.0 0.388	59.4 61.0 13.0	62.4 12	1.0 0.0 0.233
15	377	373	1.0 0.0 0.346	59.3 60.6 16.2	62.7 15	1.0 0.0 0.316	59.2 60.3 18.4	63.1 17	1.0 0.0 0.217	1.0 0.0 0.376	59.4 60.8 14.0	62.4 13	1.0 0.0 0.217
16	378	374	1.0 0.0 0.331	59.2 60.5 17.3	62.9 16	1.0 0.0 0.3	59.2 60.2 19.5	63.3 18	1.0 0.0 0.2	1.0 0.0 0.361	59.3 60.7 15.1	62.5 14	1.0 0.0 0.2
17	379	375	1.0 0.0 0.316	59.2 60.3 18.4	63.1 17	1.0 0.0 0.285	59.1 60.0 20.7	63.4 19	1.0 0.0 0.183	1.0 0.0 0.346	59.3 60.6 16.2	62.7 15	1.0 0.0 0.183
18	380	376	1.0 0.0 0.3	59.2 60.2 19.5	63.3 18	1.0 0.0 0.27	59.1 59.8 21.8	63.6 20	1.0 0.0 0.167	1.0 0.0 0.331	59.2 60.5 17.3	62.9 16	1.0 0.0 0.167
19	381	377	1.0 0.0 0.285	59.1 60.0 20.7	63.4 19	1.0 0.0 0.255	59.0 59.5 22.9	63.8 21	1.0 0.0 0.15	1.0 0.0 0.316	59.2 60.3 18.4	63.1 17	1.0 0.0 0.15
20	382	378	1.0 0.0 0.27	59.1 59.8 21.8	63.6 20	1.0 0.0 0.233	59.0 59.4 24.0	64.1 22	1.0 0.0 0.133	1.0 0.0 0.3	59.2 60.2 19.5	63.3 18	1.0 0.0 0.133
21	383	379	1.0 0.0 0.255	59.0 59.5 22.9	63.8 21	1.0 0.0 0.208	59.0 59.3 25.2	64.4 23	1.0 0.0 0.117	1.0 0.0 0.285	59.1 60.0 20.7	63.4 19	1.0 0.0 0.117
22	384	380	1.0 0.0 0.233	59.0 59.4 24.0	64.1 22	1.0 0.0 0.184	58.9 59.2 26.3	64.8 24	1.0 0.0 0.1	1.0 0.0 0.27	59.1 59.8 21.8	63.6 20	1.0 0.0 0.1
23	385	381	1.0 0.0 0.208	59.0 59.3 25.2	64.4 23	1.0 0.0 0.159	58.9 59.0 27.5	65.1 25	1.0 0.0 0.083	1.0 0.0 0.255	59.0 59.5 22.9	63.8 21	1.0 0.0 0.083
24	386	382	1.0 0.0 0.184	58.9 59.2 26.3	64.8 24	1.0 0.0 0.135	58.9 58.8 28.7	65.5 26	1.0 0.0 0.067	1.0 0.0 0.233	59.0 59.4 24.0	64.1 22	1.0 0.0 0.067
25	387	383	1.0 0.0 0.159	58.9 59.0 27.5	65.1 25	1.0 0.0 0.089	58.8 58.7 29.9	65.9 27	1.0 0.0 0.05	1.0 0.0 0.208	59.0 59.3 25.2	64.4 23	1.0 0.0 0.05
26	388	384	1.0 0.0 0.135	58.9 58.8 28.7	65.5 26	1.0 0.0 0.029	58.8 58.5 31.1	66.3 28	1.0 0.0 0.033	1.0 0.0 0.184	58.9 59.2 26.3	64.8 24	1.0 0.0 0.033
27	389	385	1.0 0.0 0.089	58.8 58.7 29.9	65.9 27	1.0 0.041	0.0 59.0 57.8 32.0	66.1 29	1.0 0.0 0.017	1.0 0.0 0.159	58.9 59.0 27.5	65.1 25	1.0 0.0 0.017
28	390	385	1.0 0.0 0.029	58.8 58.5 31.1	66.3 28	1.0 0.122	0.0 59.5 56.5 32.6	65.3 30	1.0 0.0 0.0R <sub>s</sub>	1.0 0.0 0.159	58.9 59.0 27.5	65.1 25	1.0 0.0 0.0R <sub>e</sub>

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 25.0, 105.5, 140.5, 197.2, 297.3, 327.0$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$



Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours:  $s_i H_{\text{abs}} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ . Colorimetric values of the standard colors:  $L^* = 55.5, 49.5, 14.0, 55.5, 187.0, 237.0$ . Chromaticity of the standard colors:  $x = 0.175, 0.162, 0.152, 0.254, 0.251, 0.229$ .

Six hue angles of the device colours  $d$ :  $h_{\text{ab},d} = 25.0, 105.5, 140.5, 197.2, 297.3, 327.0$ ; Six hue angles of the elementary colours  $e$ :  $h_{\text{ab},e} = 25.5, 92.3, 162.2, 217.0, 271.7, 336.0$ .

<i>h</i> <b>ab,d</b>	<i>h</i> <b>ab,s</b>	<i>h</i> <b>ab,e</b>	<i>rgb*</i> <b>dd50M</b>	<i>LAB*</i> <b>dd50Mx (x=LabCh)</b>	<i>rgb*</i> <b>ds50M</b>	<i>LAB*</i> <b>ds50Mx (x=LabCh)</b>	<i>rgb*</i> <b>s50M</b>	<i>rgb*</i> <b>de50M</b>	<i>LAB*</i> <b>de50Mx (x=LabCh)</b>	<i>rgb*</i> <b>e50M</b>	<i>rgb*</i> <b>dd</b>	<i>rgb*</i> <b>ds</b>	<i>rgb*</i> <b>de</b>
25.0	30.0	25.5	1.0 0.0 0.0	65.5 45.1 21.0 49.7 25.0	1.0 0.24 0.0	67.3 40.6 23.4 46.8 30	1.0 0.0 0.0	1.0 0.004 0.0	65.5 45.0 21.0 49.7 25	1.0 0.0 0.0			
26.4	37.5	33.8	1.0 0.125 0.0	66.1 43.7 21.7 48.8 26.4	1.0 0.38 0.0	69.9 34.4 26.8 43.6 38	1.0 0.125 0.0	1.0 0.313 0.0	68.6 37.4 25.3 45.2 34	1.0 0.125 0.0			
30.3	45.0	42.2	1.0 0.25 0.0	67.4 40.3 23.6 46.7 30.3	1.0 0.456 0.0	71.9 29.7 29.7 42.0 45	1.0 0.25 0.0	1.0 0.423 0.0	71.0 31.7 28.6 42.7 42	1.0 0.25 0.0			
37.6	52.5	50.5	1.0 0.375 0.0	69.7 34.6 26.7 43.7 37.6	1.0 0.532 0.0	74.1 24.6 32.6 40.8 53	1.0 0.375 0.0	1.0 0.516 0.0	73.5 25.8 31.8 40.9 51	1.0 0.375 0.0			
49.0	60.0	58.9	1.0 0.5 0.0	73.0 26.9 31.0 41.0 49.0	1.0 0.59 0.0	76.0 20.3 35.1 40.5 60	1.0 0.5 0.0	1.0 0.582 0.0	75.7 20.9 34.8 40.6 59	1.0 0.5 0.0			
64.3	67.5	67.2	1.0 0.625 0.0	77.1 17.5 36.3 40.3 64.3	1.0 0.653 0.0	78.2 15.3 37.9 40.9 68	1.0 0.625 0.0	1.0 0.645 0.0	77.9 15.9 37.5 40.8 67	1.0 0.625 0.0			
80.7	75.0	75.6	1.0 0.75 0.0	82.0 6.9 42.5 43.0 80.7	1.0 0.706 0.0	80.3 10.9 40.7 42.1 75	1.0 0.75 0.0	1.0 0.714 0.0	80.6 10.2 41.0 42.3 76	1.0 0.75 0.0			
94.9	82.5	84.0	1.0 0.875 0.0	87.4 -4.1 49.2 49.4 94.9	1.0 0.77 0.0	82.9 5.4 43.7 44.1 83	1.0 0.875 0.0	1.0 0.779 0.0	83.2 4.7 44.3 44.5 84	1.0 0.875 0.0			
105.5	90.0	92.3	1.0 1.0 0.0	93.3 -15.5 56.3 58.4 105.5	1.0 0.832 0.0	85.5 0.0 47.2 47.2 90	1.0 1.0 0.0	1.0 0.849 0.0	86.3 -1.6 48.0 48.1 92	1.0 1.0 0.0			
114.5	97.5	101.1	1.0 0.875 1.0	91.6 -24.4 53.9 59.2 114.5	1.0 0.911 0.0	89.1 -7.1 51.5 52.0 98	0.875 1.0 0.0	1.0 0.947 0.0	90.8 -10.3 53.6 54.6 101	0.875 1.0 0.0			
122.2	105.0	109.8	0.75 1.0 0.0	90.2 -32.6 51.8 61.2 122.2	1.0 0.994 0.0	93.0 -14.9 56.0 58.0 105	0.75 1.0 0.0	0.938 1.0 0.0	92.5 -20.0 55.2 58.8 110	0.75 1.0 0.0			
128.5	112.5	118.5	0.625 1.0 0.0	89.0 -39.8 50.1 64.0 128.5	0.896 1.0 0.0	91.9 -23.0 54.4 59.1 113	0.625 1.0 0.0	0.802 1.0 0.0	90.8 -29.2 52.8 60.4 119	0.625 1.0 0.0			
133.3	120.0	127.3	0.5 1.0 0.0	88.1 -45.7 48.7 66.9 133.3	0.786 1.0 0.0	90.6 -30.2 52.5 60.6 120	0.5 1.0 0.0	0.655 1.0 0.0	89.3 -38.0 50.6 63.3 127	0.5 1.0 0.0			
136.6	127.5	136.0	0.375 1.0 0.0	87.4 -50.4 47.7 69.5 136.6	0.635 1.0 0.0	89.1 -39.2 50.3 63.8 128	0.375 1.0 0.0	0.398 1.0 0.0	87.5 -49.5 47.9 69.0 136	0.375 1.0 0.0			
138.8	135.0	144.7	0.25 1.0 0.0	86.9 -53.6 47.1 71.4 138.8	0.435 1.0 0.0	87.7 -48.2 48.3 68.2 135	0.25 1.0 0.0	0.0 1.0 0.0	86.8 -53.5 37.5 65.4 145	0.25 1.0 0.0			
140.0	142.5	153.5	0.125 1.0 0.0	86.7 -55.5 46.7 72.6 140.0	0.0 1.0 0.27	86.7 -54.7 41.3 68.6 143	0.125 1.0 0.0	0.0 1.0 0.0	86.5 -49.3 25.2 55.5 153	0.125 1.0 0.0			
140.5	150.0	162.2	0.0 1.0 0.0	86.6 -56.2 46.5 73.1 140.5	0.0 1.0 0.507	87.1 -50.7 29.3 58.7 150	0.0 1.0 0.0	0.0 1.0 0.0	70.5 87.7 -45.2 14.7 47.7	162 0.0 1.0 0.0			
141.0	157.5	169.1	0.0 1.0 0.125	86.6 -55.9 45.3 72.0 141.0	0.0 1.0 0.651	87.5 -46.9 19.0 50.7 158	0.0 1.0 0.125	0.0 1.0 0.0	78.4 88.0 -42.5 8.3 43.4	169 0.0 1.0 0.125			
142.6	165.0	175.9	0.0 1.0 0.25	86.7 -54.9 42.1 69.3 142.6	0.0 1.0 0.745	87.8 -43.7 11.7 45.4 165	0.0 1.0 0.25	0.0 1.0 0.0	84.9 88.2 -39.9 2.8 40.1	176 0.0 1.0 0.25			
145.3	172.5	182.8	0.0 1.0 0.375	86.8 -53.3 36.9 64.9 145.3	0.0 1.0 0.821	88.1 -41.1 5.1 41.5 173	0.0 1.0 0.375	0.0 1.0 0.0	90.4 88.5 -37.7 -1.9 37.9	183 0.0 1.0 0.375			
149.7	180.0	189.6	0.0 1.0 0.5	87.1 -50.8 29.8 59.0 149.7	0.0 1.0 0.883	88.4 -38.4 0.0 38.5 180	0.0 1.0 0.5	0.0 1.0 0.0	95.1 88.7 -35.7 -6.2 36.3	190 0.0 1.0 0.5			
156.1	187.5	196.4	0.0 1.0 0.625	87.4 -47.6 21.2 52.2 156.1	0.0 1.0 0.938	88.6 -36.3 -5.0 36.8 188	0.0 1.0 0.625	0.0 1.0 0.0	99.2 88.9 -33.6 -9.6 35.0	196 0.0 1.0 0.625			
165.4	195.0	203.3	0.0 1.0 0.75	87.8 -43.5 11.4 45.1 165.4	0.0 1.0 0.985	88.9 -33.9 -9.0 35.2 195	0.0 1.0 0.75	0.0 1.0 0.0	97.1 1.0 87.4 -30.8 -13.0 33.6	203 0.0 1.0 0.75			
178.8	202.5	210.1	0.0 1.0 0.875	88.3 -38.7 0.8 38.8 178.8	0.0 0.971	1.0 87.4 -30.8 -13.0 33.6 203	0.0 1.0 0.875	0.0 1.0 0.0	93.5 1.0 85.6 -27.8 -16.0 32.2 210	0.0 1.0 0.875			
197.2	210.0	217.0	0.0 1.0 1.0	88.9 -33.1 -10.2 34.8 197.2	0.0 0.935	1.0 85.6 -27.8 -16.0 32.2 210	0.0 1.0 1.0	0.0 1.0 0.0	9.1 1.0 83.8 -24.5 -18.4 30.8 217	0.0 1.0 1.0			
222.0	217.5	223.8	0.0 0.875	1.0 82.5 -22.0 -19.8 29.8 222.0	0.0 0.895	1.0 83.6 -24.0 -18.7 30.6 218	0.0 0.875	1.0 0.0 0.0	86.6 1.0 82.1 -21.4 -20.6 29.9 224	0.0 0.875			
249.4	225.0	230.7	0.0 0.75	1.0 76.5 -10.9 -29.0 31.1 249.4	0.0 0.861	1.0 81.9 -21.0 -21.0 29.9 225	0.0 0.75	1.0 0.0 0.0	83.4 1.0 80.5 -18.9 -23.4 30.2 231	0.0 0.75			
269.9	232.5	237.5	0.0 0.625	1.0 71.0 0.0 -37.5 37.6 269.9	0.0 0.825	1.0 80.1 -18.1 -24.1 30.3 233	0.0 0.625	1.0 0.0 0.0	80.2 1.0 79.0 -16.1 -25.8 30.5 238	0.0 0.625			
282.5	240.0	244.4	0.0 0.5	1.0 66.2 10.0 -45.0 46.2 282.5	0.0 0.793	1.0 78.5 -15.2 -26.4 30.6 240	0.0 0.5	1.0 0.0 0.0	77.5 1.0 77.7 -13.4 -27.6 30.8 244	0.0 0.5			
289.9	247.5	251.2	0.0 0.375	1.0 62.3 18.6 -51.1 54.5 289.9	0.0 0.756	1.0 76.8 -11.5 -28.7 31.0 248	0.0 0.375	1.0 0.0 0.0	74.1 1.0 76.0 -10.2 -29.8 31.6 251	0.0 0.375			
294.2	255.0	258.0	0.0 0.25	1.0 59.5 25.1 -55.6 61.1 294.2	0.0 0.716	1.0 75.0 -8.4 -31.7 32.9 255	0.0 0.25	1.0 0.0 0.0	69.7 1.0 74.2 -6.9 -33.0 33.8 258	0.0 0.25			
296.5	262.5	264.9	0.0 0.125	1.0 57.8 29.0 -58.2 65.2 296.5	0.0 0.667	1.0 72.8 -4.2 -35.1 35.4 263	0.0 0.125	1.0 0.0 0.0	65.5 1.0 72.3 -3.0 -35.8 36.1 265	0.0 0.125			
297.3	270.0	271.7	0.0 0.0	1.0 57.2 30.7 -59.3 66.9 297.3	0.0 0.624	1.0 70.9 0.0 -37.6 37.7 270	0.0 0.0	1.0 0.0 0.0	60.4 1.0 70.2 1.4 -38.9 39.1 272	0.0 0.0			
297.9	277.5	278.8	0.125	0.0 1.0 57.4 31.3 -59.0 66.8 297.9	0.0 0.544	1.0 67.9 6.0 -42.6 43.1 278	0.125	0.0 1.0 0.0	53.4 1.0 67.5 6.9 -43.2 43.8 279	0.125			
299.4	285.0	286.0	0.25	0.0 1.0 57.9 32.8 -58.1 66.8 299.4	0.0 0.458	1.0 64.9 12.7 -47.2 49.0 285	0.25	0.0 1.0 0.0	44.1 1.0 64.4 13.8 -48.1 50.1 286	0.25			
301.9	292.5	293.1	0.375	0.0 1.0 58.8 35.3 -56.7 66.9 301.9	0.0 0.286	1.0 60.3 23.1 -54.4 59.2 293	0.375	0.0 1.0 0.0	286.1 1.0 60.3 23.1 -54.4 59.2 293	0.375			
305.5	300.0	300.2	0.5	0.0 1.0 60.1 39.0 -54.5 67.1 305.5	0.281	0.0 1.0 58.1 33.4 -57.8 66.8 300	0.5	0.0 1.0 0.0	281.0 1.0 58.1 33.4 -57.8 66.8 300	0.5			
310.0	307.5	307.3	0.625	0.0 1.0 61.8 43.5 -51.7 67.6 310.0	0.569	0.0 1.0 61.0 41.5 -53.0 67.4 308	0.625	0.0 1.0 0.0	54.1 0.0 60.6 40.5 -53.6 67.3 307	0.625			
315.3	315.0	314.4	0.75	0.0 1.0 63.9 48.8 -48.2 68.7 315.3	0.742	0.0 1.0 63.8 48.5 -48.4 68.6 315	0.75	0.0 1.0 0.0	71.9 0.0 63.4 47.5 -49.1 68.4 314	0.75			
321.1	322.5	321.5	0.875	0.0 1.0 66.4 54.7 -44.1 70.3 321.1	0.916	0.0 1.0 67.3 56.8 -42.7 71.1 323	0.875	0.0 1.0 0.0	87.4 0.0 66.4 54.6 -44.1 70.3 321	0.875			
327.0	330.0	328.6	1.0	0.0 1.0 69.2 61.0 -39.5 72.7 327.0	1.0 0.0	0.943 68.8 59.4 -34.2 68.6 330	1.0 0.0	1.0 0.0 0.0	962 68.9 60.0 -35.9 70.0 329	1.0 0.0			
333.6	337.5	335.7	1.0	0.0 0.875 68.3 57.1 -28.3 63.8 333.6	1.0 0.0	0.81 67.9 55.6 -22.4 60.0 338	1.0 0.0	0.875	1.0 0.0 0.839 68.1 56.4 -25.0 61.7 336	1.0 0.0			
342.0	345.0	342.8	1.0	0.0 0.75 67.5 53.8 -17.4 56.6 342.0	1.0 0.0	0.713 67.3 53.2 -14.2 55.1 345	1.0 0.0	0.75	1.0 0.0 0.738 67.4 53.6 -16.3 56.1 343	1.0 0.0			
352.0	352.5	349.9	1.0	0.0 0.625 66.8 51.0 -7.1 51.5 352.0	1.0 0.0	0.613 66.8 50.9 -6.1 51.3 353	1.0 0.0	0.625	1.0 0.0 0.65 67.0 51.7 -9.0 52.5 350	1.0 0.0			
362.5	360.0	357.0	1.0	0.0 0.5 66.3 48.8 2.2 48.8 362.5	1.0 0.0	0.53 66.5 49.5 0.0 49.5 0	1.0 0.0	0.5	1.0 0.0 0.566 66.6 50.2 -2.5 50.2 357	1.0 0.0			
372.0	367.5	364.2	1.0	0.0 0.375 66.0 47.1 10.0 48.2 372.0	1.0 0.0	0.428 66.1 48.0 6.7 48.4 8	1.0 0.0	0.375	1.0 0.0 0.481 66.3 48.6 3.4 48.7 4	1.0 0.0			
379.1	375.0	371.3	1.0	0.0 0.25 65.7 46.0 15.9 48.6 379.1	1.0 0.0	0.322 65.9 46.7 12.5 48.4 15	1.0 0.0	0.25	1.0 0.0 0.388 66.0 47.3 9.2 48.2 11	1.0 0.0			
383.3	382.5	378.4	1.0	0.0 0.125 65.6 45.3 19.5 49.3 383.3	1.0 0.0	0.133 65.6 45.4 19.3 49.3 23	1.0 0.0	0.125	1.0 0.0 0.269 65.8 46.2 15.0 48.6 18	1.0 0.0			

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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: $h_{ab,d} = 25.0, 105.5, 140.5, 197.2, 297.3, 327.0$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																	
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$				$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$				$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$				$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$												
24	30	25	1.0 0.0 0.071	65.6	45.2	20.1	49.5	24	$R_d$	1.0	0.24	0.0	67.3	40.6	23.4	46.8	30	1.0	0.0	0.0	$R_s$	1.0	0.004	0.0	65.5	45.0	21.0	49.7	25	1.0	0.0	0.0	$R_e$
25	31	27	1.0 0.004 0.0	65.5	45.0	21.0	49.7	25		1.0	0.262	0.0	67.6	39.8	23.9	46.4	31	1.0	0.017	0.0		1.0	0.143	0.0	66.3	43.2	22.0	48.5	27	1.0	0.017	0.0	
26	32	28	1.0 0.089 0.0	65.9	44.1	21.5	49.1	26		1.0	0.279	0.0	68.0	39.0	24.4	46.0	32	1.0	0.033	0.0		1.0	0.176	0.0	66.6	42.3	22.5	47.9	28	1.0	0.033	0.0	
27	33	29	1.0 0.143 0.0	66.3	43.2	22.0	48.5	27		1.0	0.296	0.0	68.3	38.2	24.8	45.6	33	1.0	0.05	0.0		1.0	0.208	0.0	67.0	41.5	23.0	47.4	29	1.0	0.05	0.0	
28	34	30	1.0 0.176 0.0	66.6	42.3	22.5	47.9	28		1.0	0.313	0.0	68.6	37.4	25.3	45.2	34	1.0	0.067	0.0		1.0	0.24	0.0	67.3	40.6	23.4	46.8	30	1.0	0.067	0.0	
29	35	31	1.0 0.208 0.0	67.0	41.5	23.0	47.4	29		1.0	0.331	0.0	68.9	36.7	25.7	44.8	35	1.0	0.083	0.0		1.0	0.262	0.0	67.6	39.8	23.9	46.4	31	1.0	0.083	0.0	
30	36	32	1.0 0.24 0.0	67.3	40.6	23.4	46.8	30		1.0	0.348	0.0	69.2	35.9	26.1	44.4	36	1.0	0.1	0.0		1.0	0.279	0.0	68.0	39.0	24.4	46.0	32	1.0	0.1	0.0	
31	37	33	1.0 0.262 0.0	67.6	39.8	23.9	46.4	31		1.0	0.365	0.0	69.6	35.1	26.4	43.9	37	1.0	0.117	0.0		1.0	0.296	0.0	68.3	38.2	24.8	45.6	33	1.0	0.117	0.0	
32	38	34	1.0 0.279 0.0	68.0	39.0	24.4	46.0	32		1.0	0.38	0.0	69.9	34.4	26.8	43.6	38	1.0	0.133	0.0		1.0	0.313	0.0	68.6	37.4	25.3	45.2	34	1.0	0.133	0.0	
33	39	36	1.0 0.296 0.0	68.3	38.2	24.8	45.6	33		1.0	0.39	0.0	70.1	33.7	27.3	43.4	39	1.0	0.15	0.0		1.0	0.348	0.0	69.2	35.9	26.1	44.4	36	1.0	0.15	0.0	
34	40	37	1.0 0.313 0.0	68.6	37.4	25.3	45.2	34		1.0	0.401	0.0	70.4	33.0	27.7	43.1	40	1.0	0.167	0.0		1.0	0.365	0.0	69.6	35.1	26.4	43.9	37	1.0	0.167	0.0	
35	41	38	1.0 0.331 0.0	68.9	36.7	25.7	44.8	35		1.0	0.412	0.0	70.7	32.4	28.1	42.9	41	1.0	0.183	0.0		1.0	0.38	0.0	69.9	34.4	26.8	43.6	38	1.0	0.183	0.0	
36	42	39	1.0 0.348 0.0	69.2	35.9	26.1	44.4	36		1.0	0.423	0.0	71.0	31.7	28.6	42.7	42	1.0	0.2	0.0		1.0	0.39	0.0	70.1	33.7	27.3	43.4	39	1.0	0.2	0.0	
37	43	40	1.0 0.365 0.0	69.6	35.1	26.4	43.9	37		1.0	0.434	0.0	71.3	31.0	28.9	42.4	43	1.0	0.217	0.0		1.0	0.401	0.0	70.4	33.0	27.7	43.1	40	1.0	0.217	0.0	
38	44	41	1.0 0.38 0.0	69.9	34.4	26.8	43.6	38		1.0	0.445	0.0	71.6	30.4	29.3	42.2	44	1.0	0.233	0.0		1.0	0.412	0.0	70.7	32.4	28.1	42.9	41	1.0	0.233	0.0	
39	45	42	1.0 0.39 0.0	70.1	33.7	27.3	43.4	39		1.0	0.456	0.0	71.9	29.7	29.7	42.0	45	1.0	0.25	0.0		1.0	0.423	0.0	71.0	31.7	28.6	42.7	42	1.0	0.25	0.0	
40	46	43	1.0 0.401 0.0	70.4	33.0	27.7	43.1	40		1.0	0.467	0.0	72.1	29.0	30.0	41.7	46	1.0	0.267	0.0		1.0	0.434	0.0	71.3	31.0	28.9	42.4	43	1.0	0.267	0.0	
41	47	44	1.0 0.412 0.0	70.7	32.4	28.1	42.9	41		1.0	0.478	0.0	72.4	28.3	30.3	41.5	47	1.0	0.283	0.0		1.0	0.445	0.0	71.6	30.4	29.3	42.2	44	1.0	0.283	0.0	
42	48	46	1.0 0.423 0.0	71.0	31.7	28.6	42.7	42		1.0	0.489	0.0	72.7	27.6	30.7	41.3	48	1.0	0.3	0.0		1.0	0.467	0.0	72.1	29.0	30.0	41.7	46	1.0	0.3	0.0	
43	49	47	1.0 0.434 0.0	71.3	31.0	28.9	42.4	43		1.0	0.499	0.0	73.0	26.9	31.0	41.0	49	1.0	0.317	0.0		1.0	0.478	0.0	72.4	28.3	30.3	41.5	47	1.0	0.317	0.0	
44	50	48	1.0 0.445 0.0	71.6	30.4	29.3	42.2	44		1.0	0.508	0.0	73.3	26.3	31.4	41.0	50	1.0	0.333	0.0		1.0	0.489	0.0	72.7	27.6	30.7	41.3	48	1.0	0.333	0.0	
45	51	49	1.0 0.456 0.0	71.9	29.7	29.7	42.0	45		1.0	0.516	0.0	73.5	25.8	31.8	40.9	51	1.0	0.35	0.0		1.0	0.499	0.0	73.0	26.9	31.0	41.0	49	1.0	0.35	0.0	
46	52	50	1.0 0.467 0.0	72.1	29.0	30.0	41.7	46		1.0	0.524	0.0	73.8	25.2	32.2	40.9	52	1.0	0.367	0.0		1.0	0.508	0.0	73.3	26.3	31.4	41.0	50	1.0	0.367	0.0	
47	53	51	1.0 0.478 0.0	72.4	28.3	30.3	41.5	47		1.0	0.532	0.0	74.1	24.6	32.6	40.8	53	1.0	0.383	0.0		1.0	0.516	0.0	73.5	25.8	31.8	40.9	51	1.0	0.383	0.0	
48	54	52	1.0 0.489 0.0	72.7	27.6	30.7	41.3	48		1.0	0.541	0.0	74.4	24.0	33.0	40.8	54	1.0	0.4	0.0		1.0	0.524	0.0	73.8	25.2	32.2	40.9	52	1.0	0.4	0.0	
49	55	53	1.0 0.499 0.0	73.0	26.9	31.0	41.0	49		1.0	0.549	0.0	74.6	23.4	33.4	40.7	55	1.0	0.417	0.0		1.0	0.532	0.0	74.1	24.6	32.6	40.8	53	1.0	0.417	0.0	
50	56	54	1.0 0.508 0.0	73.3	26.3	31.4	41.0	50		1.0	0.557	0.0	74.9	22.8	33.7	40.7	56	1.0	0.433	0.0		1.0	0.541	0.0	74.4	24.0	33.0	40.8	54	1.0	0.433	0.0	
51	57	56	1.0 0.516 0.0	73.5	25.8	31.8	40.9	51		1.0	0.565	0.0	75.2	22.1	34.1	40.6	57	1.0	0.45	0.0		1.0	0.557	0.0	74.9	22.8	33.7	40.7	56	1.0	0.45	0.0	
52	58	57	1.0 0.524 0.0	73.8	25.2	32.2	40.9	52		1.0	0.573	0.0	75.4	21.5	34.4	40.6	58	1.0	0.467	0.0		1.0	0.565	0.0	75.2	22.1	34.1	40.6	57	1.0	0.467	0.0	
53	59	58	1.0 0.532 0.0	74.1	24.6	32.6	40.8	53		1.0	0.582	0.0	75.7	20.9	34.8	40.6	59	1.0	0.483	0.0		1.0	0.573	0.0	75.4	21.5	34.4	40.6	58	1.0	0.483	0.0	
54	60	59	1.0 0.541 0.0	74.4	24.0	33.0	40.8	54		1.0	0.59	0.0	76.0	20.3	35.1	40.5	60	1.0	0.5	0.0		1.0	0.582	0.0	75.7	20.9	34.8	40.6	59	1.0	0.5	0.0	
55	61	60	1.0 0.549 0.0	74.6	23.4	33.4	40.7	55		1.0	0.598	0.0	76.2	19.6	35.4	40.5	61	1.0	0.517	0.0		1.0	0.59	0.0	76.0	20.3	35.1	40.5	60	1.0	0.517	0.0	
56	62	61	1.0 0.557 0.0	74.9	22.8	33.7	40.7	56		1.0	0.606	0.0	76.5	19.0	35.7	40.4	62	1.0	0.533	0.0		1.0	0.598	0.0	76.2	19.6	35.4	40.5	61	1.0	0.533	0.0	
57	63	62	1.0 0.565 0.0	75.2	22.1	34.1	40.6	57		1.0	0.614	0.0	76.8	18.3	36.0	40.4	63	1.0	0.55	0.0		1.0	0.606	0.0	76.5	19.0	35.7	40.4	62	1.0	0.55	0.0	
58	64	63	1.0 0.573 0.0	75.4	21.5	34.4	40.6	58		1.0	0.622	0.0	77.1	17.7	36.2	40.3	64	1.0	0.567	0.0		1.0	0.614	0.0	76.8	18.3	36.0	40.4	63	1.0	0.567	0.0	
59	65	64	1.0 0.582 0.0	75.7	20.9	34.8	40.6	59		1.0	0.63	0.0	77.3	17.1	36.6	40.4	65	1.0	0.583	0.0		1.0	0.622	0.0	77.1	17.7	36.2	40.3	64	1.0	0.583	0.0	
60	66	66	1.0 0.59 0.0	76.0	20.3	35.1	40.5	60		1.0	0.638	0.0	77.6	16.5	37.1	40.6	66	1.0	0.6	0.0		1.0	0.638	0.0	77.6	16.5	37.1	40.6	66	1.0	0.6	0.0	
61	67	67	1.0 0.598 0.0	7																													

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 25.0, 105.5, 140.5, 197.2, 297.3, 327.0$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
69	75	76	1.0 0.661 0.0	78.5 14.7 38.4 41.1 69	1.0 0.706 0.0	80.3 10.9 40.7 42.1 75	1.0 0.75 0.0	1.0 0.714 0.0	80.6 10.2 41.0 42.3 76	1.0 0.75 0.0		
70	76	77	1.0 0.668 0.0	78.8 14.1 38.8 41.3 70	1.0 0.714 0.0	80.6 10.2 41.0 42.3 76	1.0 0.767 0.0	1.0 0.722 0.0	80.9 9.5 41.3 42.4 77	1.0 0.767 0.0		
71	77	78	1.0 0.676 0.0	79.1 13.5 39.2 41.4 71	1.0 0.722 0.0	80.9 9.5 41.3 42.4 77	1.0 0.783 0.0	1.0 0.729 0.0	81.2 8.9 41.7 42.6 78	1.0 0.783 0.0		
72	78	79	1.0 0.684 0.0	79.4 12.9 39.6 41.6 72	1.0 0.729 0.0	81.2 8.9 41.7 42.6 78	1.0 0.8 0.0	1.0 0.737 0.0	81.5 8.2 42.0 42.8 79	1.0 0.817 0.0		
73	79	80	1.0 0.691 0.0	79.7 12.2 39.9 41.8 73	1.0 0.737 0.0	81.5 8.2 42.0 42.8 79	1.0 0.817 0.0	1.0 0.745 0.0	81.8 7.5 42.3 42.9 80	1.0 0.845 0.0		
74	80	81	1.0 0.699 0.0	80.0 11.6 40.3 41.9 74	1.0 0.745 0.0	81.8 7.5 42.3 42.9 80	1.0 0.833 0.0	1.0 0.752 0.0	82.1 6.8 42.6 43.2 81	1.0 0.833 0.0		
75	81	82	1.0 0.706 0.0	80.3 10.9 40.7 42.1 75	1.0 0.752 0.0	82.1 6.8 42.6 43.2 81	1.0 0.85 0.0	1.0 0.761 0.0	82.5 6.1 43.2 43.6 82	1.0 0.85 0.0		
76	82	83	1.0 0.714 0.0	80.6 10.2 41.0 42.3 76	1.0 0.761 0.0	82.5 6.1 43.2 43.6 82	1.0 0.867 0.0	1.0 0.77 0.0	82.9 5.4 43.7 44.1 83	1.0 0.867 0.0		
77	83	85	1.0 0.722 0.0	80.9 9.5 41.3 42.4 77	1.0 0.77 0.0	82.9 5.4 43.7 44.1 83	1.0 0.883 0.0	1.0 0.788 0.0	83.6 3.9 44.8 45.0 84	1.0 0.883 0.0		
78	84	86	1.0 0.729 0.0	81.2 8.9 41.7 42.6 78	1.0 0.779 0.0	83.2 4.7 44.3 44.5 84	1.0 0.9 0.0	1.0 0.797 0.0	84.0 3.2 45.3 45.4 86	1.0 0.9 0.0		
79	85	87	1.0 0.737 0.0	81.5 8.2 42.0 42.8 79	1.0 0.788 0.0	83.6 3.9 44.8 45.0 85	1.0 0.917 0.0	1.0 0.805 0.0	84.4 2.4 45.8 45.8 87	1.0 0.917 0.0		
80	86	88	1.0 0.745 0.0	81.8 7.5 42.3 42.9 80	1.0 0.797 0.0	84.0 3.2 45.3 45.4 86	1.0 0.933 0.0	1.0 0.814 0.0	84.8 1.6 46.3 46.3 88	1.0 0.933 0.0		
81	87	89	1.0 0.752 0.0	82.1 6.8 42.6 43.2 81	1.0 0.805 0.0	84.4 2.4 45.8 45.8 87	1.0 0.95 0.0	1.0 0.823 0.0	85.2 0.8 46.7 46.7 89	1.0 0.95 0.0		
82	88	90	1.0 0.761 0.0	82.5 6.1 43.2 43.6 82	1.0 0.814 0.0	84.8 1.6 46.3 46.3 88	1.0 0.967 0.0	1.0 0.832 0.0	85.5 0.0 47.2 47.2 90	1.0 0.967 0.0		
83	89	91	1.0 0.77 0.0	82.9 5.4 43.7 44.1 83	1.0 0.823 0.0	85.2 0.8 46.7 46.7 89	1.0 0.983 0.0	1.0 0.841 0.0	85.9 -0.7 47.6 47.6 91	1.0 0.983 0.0		
84	90	92	1.0 0.779 0.0	83.2 4.7 44.3 44.5 84	1.0 0.832 0.0	85.5 0.0 47.2 47.2 90	1.0 1.0 0.0 $J_s$	1.0 0.849 0.0	86.3 -1.6 48.0 48.1 92	1.0 1.0 0.0 $J_e$		
85	91	93	1.0 0.788 0.0	83.6 3.9 44.8 45.0 85	1.0 0.841 0.0	85.9 -0.7 47.6 47.6 91	1.0 0.983 1.0 0.0	1.0 0.858 0.0	86.7 -2.4 48.5 48.5 93	1.0 0.983 1.0 0.0		
86	92	95	1.0 0.797 0.0	84.0 3.2 45.3 45.4 86	1.0 0.849 0.0	86.3 -1.6 48.0 48.1 92	1.0 0.967 1.0 0.0	1.0 0.876 0.0	87.5 -4.2 49.3 49.5 95	1.0 0.967 1.0 0.0		
87	93	96	1.0 0.805 0.0	84.4 2.4 45.8 45.8 87	1.0 0.858 0.0	86.7 -2.4 48.5 48.5 93	1.0 0.95 1.0 0.0	1.0 0.888 0.0	88.0 -5.2 50.0 50.3 96	1.0 0.95 1.0 0.0		
88	94	97	1.0 0.814 0.0	84.8 1.6 46.3 46.3 88	1.0 0.867 0.0	87.1 -3.3 48.9 49.0 94	1.0 0.933 1.0 0.0	1.0 0.9 0.0	88.6 -6.1 50.8 51.2 97	1.0 0.933 1.0 0.0		
89	95	98	1.0 0.823 0.0	85.2 0.8 46.7 46.7 89	1.0 0.876 0.0	87.5 -4.2 49.3 49.5 95	1.0 0.917 1.0 0.0	1.0 0.911 0.0	89.1 -7.1 51.5 52.0 98	1.0 0.917 1.0 0.0		
90	96	99	1.0 0.832 0.0	85.5 0.0 47.2 47.2 90	1.0 0.888 0.0	88.0 -5.2 50.0 50.3 96	1.0 0.9 1.0 0.0	1.0 0.923 0.0	89.7 -8.2 52.2 52.9 99	1.0 0.9 1.0 0.0		
91	97	100	1.0 0.841 0.0	85.9 -0.7 47.6 47.6 91	1.0 0.9 0.0	88.6 -6.1 50.8 51.2 97	1.0 0.983 1.0 0.0	1.0 0.935 0.0	90.2 -9.2 52.9 53.7 100	1.0 0.883 1.0 0.0		
92	98	102	1.0 0.849 0.0	86.3 -1.6 48.0 48.1 92	1.0 0.911 0.0	89.1 -7.1 51.5 52.0 98	1.0 0.867 1.0 0.0	1.0 0.958 0.0	91.3 -11.4 54.2 55.4 102	1.0 0.867 1.0 0.0		
93	99	103	1.0 0.858 0.0	86.7 -2.4 48.5 48.5 93	1.0 0.923 0.0	89.7 -8.2 52.2 52.9 99	1.0 0.85 1.0 0.0	1.0 0.97 0.0	91.9 -12.6 54.8 56.3 103	1.0 0.85 1.0 0.0		
94	100	104	1.0 0.867 0.0	87.1 -3.3 48.9 49.0 94	1.0 0.935 0.0	90.2 -9.2 52.9 53.7 100	1.0 0.833 1.0 0.0	1.0 0.982 0.0	92.5 -13.7 55.4 57.1 104	1.0 0.833 1.0 0.0		
95	101	105	1.0 0.876 0.0	87.5 -4.2 49.3 49.5 95	1.0 0.947 0.0	90.8 -10.3 53.6 54.6 101	1.0 0.817 1.0 0.0	1.0 0.994 0.0	93.0 -14.9 56.0 58.0 105	1.0 0.817 1.0 0.0		
96	102	106	1.0 0.888 0.0	88.0 -5.2 50.0 50.3 96	1.0 0.958 0.0	91.3 -11.4 54.2 55.4 102	1.0 0.8 1.0 0.0	1.0 0.993 1.0 0.0	93.2 -16.0 56.2 58.4 106	1.0 0.8 1.0 0.0		
97	103	107	1.0 0.89 0.0	88.6 -6.1 50.8 51.2 97	1.0 0.97 0.0	91.9 -12.6 54.8 56.3 103	1.0 0.783 1.0 0.0	1.0 0.979 1.0 0.0	93.0 -17.6 56.0 58.5 107	1.0 0.783 1.0 0.0		
98	104	109	1.0 0.911 0.0	89.1 -7.1 51.5 52.0 98	1.0 0.982 0.0	92.5 -13.7 55.4 57.1 104	1.0 0.767 1.0 0.0	1.0 0.952 1.0 0.0	92.6 -19.0 55.5 58.7 109	1.0 0.767 1.0 0.0		
99	105	110	1.0 0.923 0.0	89.7 -8.2 52.2 52.9 99	1.0 0.994 0.0	93.0 -14.9 56.0 58.0 105	1.0 0.75 1.0 0.0	1.0 0.938 1.0 0.0	92.5 -20.0 55.2 58.8 110	1.0 0.75 1.0 0.0		
100	106	111	1.0 0.935 0.0	90.2 -9.2 52.9 53.7 100	0.993 1.0 0.0	93.2 -16.0 56.2 58.4 106	0.733 1.0 0.0	0.924 1.0 0.0	92.3 -21.0 55.0 58.9 111	1.0 0.733 1.0 0.0		
101	107	112	1.0 0.947 0.0	90.8 -10.3 53.6 54.6 101	0.979 1.0 0.0	93.0 -17.0 56.0 58.5 107	0.717 1.0 0.0	0.91 1.0 0.0	92.1 -22.0 54.7 59.0 112	1.0 0.717 1.0 0.0		
102	108	113	1.0 0.958 0.0	91.3 -11.4 54.2 55.4 102	0.965 1.0 0.0	92.8 -18.0 55.8 58.6 108	0.7 1.0 0.0	0.896 1.0 0.0	91.9 -23.0 54.4 59.1 113	1.0 0.7 1.0 0.0		
103	109	114	1.0 0.97 0.0	91.9 -12.6 54.8 56.3 103	0.952 1.0 0.0	92.6 -19.0 55.5 58.7 109	0.683 1.0 0.0	0.882 1.0 0.0	91.7 -24.0 54.0 59.1 114	1.0 0.683 1.0 0.0		
104	110	116	1.0 0.982 0.0	92.5 -13.7 55.4 57.1 104	0.938 1.0 0.0	92.5 -20.0 55.2 58.8 110	0.667 1.0 0.0	0.851 1.0 0.0	91.3 -26.0 53.6 59.6 116	1.0 0.667 1.0 0.0		
105	111	117	1.0 0.994 0.0	93.0 -14.9 56.0 58.0 105	0.924 1.0 0.0	92.3 -21.0 55.0 58.9 111	0.65 1.0 0.0	0.835 1.0 0.0	91.2 -27.1 53.3 59.9 117	1.0 0.65 1.0 0.0		
106	112	118	0.993 1.0 0.0	93.2 -16.0 56.2 58.4 106	0.91 1.0 0.0	92.1 -22.0 54.7 59.0 112	0.633 1.0 0.0	0.818 1.0 0.0	91.0 -28.1 53.1 60.1 118	0.633 1.0 0.0		
107	113	119	0.979 1.0 0.0	93.0 -17.0 56.0 58.5 107	0.896 1.0 0.0	91.9 -23.0 54.4 59.1 113	0.617 1.0 0.0	0.802 1.0 0.0	90.8 -29.2 52.8 60.4 119	0.617 1.0 0.0		
108	114	120	0.965 1.0 0.0	92.8 -18.0 55.8 58.6 108	0.882 1.0 0.0	91.7 -24.0 54.0 59.1 114	0.6 1.0 0.0	0.786 1.0 0.0	90.6 -30.2 52.5 60.6 120	0.6 1.0 0.0		
109	115	121	0.952 1.0 0.0	92.6 -19.0 55.5 58.7 109	0.867 1.0 0.0	91.5 -25.0 53.8 59.3 115	0.583 1.0 0.0	0.77 1.0 0.0	90.4 -31.3 52.2 60.9 121	0.583 1.0 0.0		
110	116	123	0.938 1.0 0.0	92.5 -20.0 55.2 58.8 110	0.851 1.0 0.0	91.3 -26.0 53.6 59.6 116	0.567 1.0 0.0	0.735 1.0 0.0	90.0 -33.4 51.6 61.6 123	0.567 1.0 0.0		
111	117	124	0.924 1.0 0.0	92.3 -21.0 55.0 58.9 111	0.835 1.0 0.0	91.2 -27.1 53.3 59.9 117	0.55 1.0 0.0	0.715 1.0 0.0	89.9 -34.6 51.4 62.0 124	0.55 1.0 0.0		
112	118	125	0.91 1.0 0.0	92.1 -22.0 54.7 59.0 112	0.818 1.0 0.0	91.0 -28.1 53.1 60.1 118	0.533 1.0 0.0	0.695 1.0 0.0	89.7 -35.7 51.2 62.5 125	0.533 1.0 0.0		
113	119	126	0.896 1.0 0.0	91.9 -23.0 54.4 59.1 113	0.802 1.0 0.0	90.8 -29.2 52.8 60.4 119	0.517 1.0 0.0	0.675 1.0 0.0	89.5 -36.9 50.9 62.9 126	0.517 1.0 0.0		
114	120	127	0.882 1.0 0.0	91.7 -24.0 54.0 59.1 114	0.786 1.0 0.0	90.6 -30.2 52.5 60.6 120	0.5 1.0 0.0	0.655 1.0 0.0	89.3 -38.0 50.6 63.3 127	0.5 1.0 0.0		

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 25.0, 105.5, 140.5, 197.2, 297.3, 327.0$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
114	120	127	0.882 1.0 0.0	91.7 -24.0 54.0 59.1 114	0.786 1.0 0.0	90.6 -30.2 52.5 60.6 120	0.5 1.0 0.0	0.655 1.0 0.0	89.3 -38.0 50.6 63.3 127	0.5 1.0 0.0	0.0	0.0
115	121	128	0.867 1.0 0.0	91.5 -25.0 53.8 59.3 115	0.77 1.0 0.0	90.4 -31.3 52.2 60.9 121	0.483 1.0 0.0	0.635 1.0 0.0	89.1 -39.2 50.3 63.8 128	0.483 1.0 0.0	0.0	0.0
116	122	130	0.851 1.0 0.0	91.3 -26.0 53.6 59.6 116	0.754 1.0 0.0	90.2 -32.3 51.9 61.2 122	0.467 1.0 0.0	0.586 1.0 0.0	88.7 -41.6 49.7 64.9 130	0.467 1.0 0.0	0.0	0.0
117	123	131	0.835 1.0 0.0	91.2 -27.1 53.3 59.9 117	0.735 1.0 0.0	90.0 -33.4 51.6 61.6 123	0.45 1.0 0.0	0.559 1.0 0.0	88.5 -42.9 49.5 65.5 131	0.45 1.0 0.0	0.0	0.0
118	124	132	0.818 1.0 0.0	91.0 -28.1 53.1 60.1 118	0.715 1.0 0.0	89.9 -34.6 51.4 62.0 124	0.433 1.0 0.0	0.533 1.0 0.0	88.3 -44.2 49.2 66.1 132	0.433 1.0 0.0	0.0	0.0
119	125	133	0.802 1.0 0.0	90.8 -29.2 52.8 60.4 119	0.695 1.0 0.0	89.7 -35.7 51.2 62.5 125	0.417 1.0 0.0	0.507 1.0 0.0	88.1 -45.4 48.8 66.8 133	0.417 1.0 0.0	0.0	0.0
120	126	134	0.786 1.0 0.0	90.6 -30.2 52.5 60.6 120	0.675 1.0 0.0	89.5 -36.9 50.9 62.9 126	0.4 1.0 0.0	0.472 1.0 0.0	87.9 -46.8 48.5 67.5 134	0.4 1.0 0.0	0.0	0.0
121	127	135	0.77 1.0 0.0	90.4 -31.3 52.2 60.9 121	0.655 1.0 0.0	89.3 -38.0 50.6 63.3 127	0.383 1.0 0.0	0.435 1.0 0.0	87.7 -48.2 48.3 68.2 135	0.383 1.0 0.0	0.0	0.0
122	128	137	0.754 1.0 0.0	90.2 -32.3 51.9 61.2 122	0.635 1.0 0.0	89.1 -39.2 50.3 63.8 128	0.367 1.0 0.0	0.353 1.0 0.0	87.3 -51.0 47.6 69.8 137	0.367 1.0 0.0	0.0	0.0
123	129	138	0.735 1.0 0.0	90.0 -33.4 51.6 61.6 123	0.612 1.0 0.0	88.9 -40.4 50.0 64.3 129	0.35 1.0 0.0	0.295 1.0 0.0	87.1 -52.5 47.3 70.7 138	0.35 1.0 0.0	0.0	0.0
124	130	139	0.715 1.0 0.0	89.9 -34.6 51.4 62.0 124	0.586 1.0 0.0	88.7 -41.6 49.7 64.9 130	0.333 1.0 0.0	0.228 1.0 0.0	86.9 -54.0 47.0 71.6 139	0.333 1.0 0.0	0.0	0.0
125	131	140	0.695 1.0 0.0	89.7 -35.7 51.2 62.5 125	0.559 1.0 0.0	88.5 -42.9 49.5 65.5 131	0.317 1.0 0.0	0.121 1.0 0.0	86.7 -55.5 46.7 72.6 140	0.317 1.0 0.0	0.0	0.0
126	132	141	0.675 1.0 0.0	89.5 -36.9 50.9 62.9 126	0.533 1.0 0.0	88.3 -44.2 49.2 66.1 132	0.3 1.0 0.0	0.0 1.0	0.116 86.6 -55.9 45.3 72.1 141	0.3 1.0 0.0	0.0	0.0
127	133	142	0.655 1.0 0.0	89.3 -38.0 50.6 63.3 127	0.507 1.0 0.0	88.1 -45.4 48.8 66.8 133	0.283 1.0 0.0	0.0 1.0	0.204 86.6 -55.3 43.3 70.3 142	0.283 1.0 0.0	0.0	0.0
128	134	144	0.635 1.0 0.0	89.1 -39.2 50.3 63.8 128	0.472 1.0 0.0	87.9 -46.8 48.5 67.5 134	0.267 1.0 0.0	0.0 1.0	0.315 86.8 -54.1 39.4 67.0 144	0.267 1.0 0.0	0.0	0.0
129	135	145	0.612 1.0 0.0	88.9 -40.4 50.0 64.3 129	0.435 1.0 0.0	87.7 -48.2 48.3 68.2 135	0.25 1.0 0.0	0.0 1.0	0.36 86.8 -53.5 37.5 65.4 145	0.25 1.0 0.0	0.0	0.0
130	136	146	0.586 1.0 0.0	88.7 -41.6 49.7 64.9 130	0.398 1.0 0.0	87.5 -49.5 47.9 69.0 136	0.233 1.0 0.0	0.0 1.0	0.394 86.9 -53.0 35.8 64.0 146	0.233 1.0 0.0	0.0	0.0
131	137	147	0.559 1.0 0.0	88.5 -42.9 49.5 65.5 131	0.353 1.0 0.0	87.3 -51.0 47.6 69.8 137	0.217 1.0 0.0	0.0 1.0	0.423 86.9 -52.4 34.1 62.6 147	0.217 1.0 0.0	0.0	0.0
132	138	148	0.533 1.0 0.0	88.3 -44.2 49.2 66.1 132	0.295 1.0 0.0	87.1 -52.5 47.3 70.7 138	0.2 1.0 0.0	0.0 1.0	0.452 87.0 -51.9 32.5 61.3 148	0.2 1.0 0.0	0.0	0.0
133	139	149	0.507 1.0 0.0	88.1 -45.4 48.8 66.8 133	0.228 1.0 0.0	86.9 -54.0 47.0 71.6 139	0.183 1.0 0.0	0.0 1.0	0.481 87.0 -51.3 30.9 59.9 149	0.183 1.0 0.0	0.0	0.0
134	140	151	0.472 1.0 0.0	87.9 -46.8 48.5 67.5 134	0.121 1.0 0.0	86.7 -55.5 46.7 72.6 140	0.167 1.0 0.0	0.0 1.0	0.526 87.1 -50.3 27.9 57.6 151	0.167 1.0 0.0	0.0	0.0
135	141	152	0.435 1.0 0.0	87.7 -48.2 48.3 68.2 135	0.0 1.0	0.116 86.6 -55.9 45.3 72.1 141	0.15 1.0 0.0	0.0 1.0	0.546 87.2 -49.8 26.5 56.5 152	0.15 1.0 0.0	0.0	0.0
136	142	153	0.398 1.0 0.0	87.5 -49.5 47.9 69.0 136	0.0 1.0	0.204 86.6 -55.3 43.3 70.3 142	0.133 1.0 0.0	0.0 1.0	0.565 87.2 -49.3 25.2 55.5 153	0.133 1.0 0.0	0.0	0.0
137	143	154	0.353 1.0 0.0	87.3 -51.0 47.6 69.8 137	0.0 1.0	0.27 86.7 -54.7 41.3 68.6 143	0.117 1.0 0.0	0.0 1.0	0.585 87.3 -48.8 23.8 54.4 154	0.117 1.0 0.0	0.0	0.0
138	144	155	0.295 1.0 0.0	87.1 -52.5 47.3 70.7 138	0.0 1.0	0.315 86.8 -54.1 39.4 67.0 144	0.1 1.0 0.0	0.0 1.0	0.604 87.3 -48.2 22.5 53.3 155	0.1 1.0 0.0	0.0	0.0
139	145	156	0.228 1.0 0.0	86.9 -54.0 47.0 71.6 139	0.0 1.0	0.36 86.8 -53.5 37.5 65.4 145	0.083 1.0 0.0	0.0 1.0	0.624 87.4 -47.6 21.2 52.2 156	0.083 1.0 0.0	0.0	0.0
140	146	158	0.121 1.0 0.0	86.7 -55.5 46.7 72.6 140	0.0 1.0	0.394 86.9 -53.0 35.8 64.0 146	0.067 1.0 0.0	0.0 1.0	0.651 87.5 -46.9 19.0 50.7 158	0.067 1.0 0.0	0.0	0.0
141	147	159	0.0 1.0	0.116 86.6 -55.9 45.3 72.1 141	0.0 1.0	0.423 86.9 -52.4 34.1 62.6 147	0.05 1.0 0.0	0.0 1.0	0.664 87.5 -46.5 17.9 49.9 159	0.05 1.0 0.0	0.0	0.0
142	148	160	0.0 1.0	0.204 86.6 -55.3 43.3 70.3 142	0.0 1.0	0.452 87.0 -51.9 32.5 61.3 148	0.033 1.0 0.0	0.0 1.0	0.678 87.6 -46.1 16.8 49.2 160	0.033 1.0 0.0	0.0	0.0
143	149	161	0.0 1.0	0.27 86.7 -54.7 41.3 68.6 143	0.0 1.0	0.481 87.0 -51.3 30.9 59.9 149	0.017 1.0 0.0	0.0 1.0	0.691 87.6 -45.7 15.8 48.4 161	0.017 1.0 0.0	0.0	0.0
144	150	162	0.0 1.0	0.315 86.8 -54.1 39.4 67.0 144	0.0 1.0	0.507 87.1 -50.7 29.3 58.7 150	0.0 1.0 0.0	0.0 1.0	0.705 87.7 -45.2 14.7 47.7 162	0.0 1.0 0.0	0.0 0.0G <sub>e</sub>	0.0 0.0G <sub>e</sub>
145	151	163	0.0 1.0	0.36 86.8 -53.5 37.5 65.4 145	0.0 1.0	0.526 87.1 -50.3 27.9 57.6 151	0.0 1.0 0.0	0.017 0.0 1.0	0.718 87.7 -44.7 13.7 46.9 163	0.0 1.0 0.0	0.0 0.017	0.0 0.017
146	152	164	0.0 1.0	0.394 86.9 -53.0 35.8 64.0 146	0.0 1.0	0.546 87.2 -49.8 26.5 56.5 152	0.0 1.0 0.0	0.033 0.0 1.0	0.732 87.8 -44.2 12.7 46.1 164	0.0 1.0 0.0	0.0 0.033	0.0 0.033
147	153	165	0.0 1.0	0.423 86.9 -52.4 34.1 62.6 147	0.0 1.0	0.565 87.2 -49.3 25.2 55.5 153	0.0 1.0 0.0	0.05 0.0 1.0	0.745 87.8 -43.7 11.7 45.4 165	0.0 1.0 0.0	0.0 0.05	0.0 0.05
148	154	166	0.0 1.0	0.452 87.0 -51.9 32.5 61.3 148	0.0 1.0	0.585 87.3 -48.8 23.8 54.4 154	0.0 1.0 0.0	0.067 0.0 1.0	0.756 87.8 -43.4 10.8 44.8 166	0.0 1.0 0.0	0.0 0.067	0.0 0.067
149	155	167	0.0 1.0	0.481 87.0 -51.3 30.9 59.9 149	0.0 1.0	0.604 87.3 -48.2 22.5 53.3 155	0.0 1.0 0.0	0.083 0.0 1.0	0.765 87.9 -43.1 10.0 44.3 167	0.0 1.0 0.0	0.0 0.083	0.0 0.083
150	156	168	0.0 1.0	0.507 87.1 -50.7 29.3 58.7 150	0.0 1.0	0.624 87.4 -47.6 21.2 52.2 156	0.0 1.0 0.0	0.1 0.0 1.0	0.774 87.9 -42.8 9.1 43.9 168	0.0 1.0 0.0	0.0 0.1	0.0 0.1
151	157	169	0.0 1.0	0.526 87.1 -50.3 27.9 57.6 151	0.0 1.0	0.638 87.4 -47.3 20.1 51.5 157	0.0 1.0 0.0	0.117 0.0 1.0	0.784 88.0 -42.5 8.3 43.4 169	0.0 1.0 0.0	0.0 0.117	0.0 0.117
152	158	170	0.0 1.0	0.546 87.2 -49.8 26.5 56.5 152	0.0 1.0	0.651 87.5 -46.9 19.0 50.7 158	0.0 1.0 0.0	0.133 0.0 1.0	0.793 88.0 -42.2 7.5 42.9 170	0.0 1.0 0.0	0.0 0.133	0.0 0.133
153	159	170	0.0 1.0	0.565 87.2 -49.3 25.2 55.5 153	0.0 1.0	0.664 87.5 -46.5 17.9 49.9 159	0.0 1.0 0.0	0.15 0.0 1.0	0.793 88.0 -42.2 7.5 42.9 170	0.0 1.0 0.0	0.0 0.15	0.0 0.15
154	160	171	0.0 1.0	0.585 87.3 -48.8 23.8 54.4 154	0.0 1.0	0.678 87.6 -46.1 16.8 49.2 160	0.0 1.0 0.0	0.167 0.0 1.0	0.802 88.0 -41.8 6.6 42.5 171	0.0 1.0 0.0	0.0 0.167	0.0 0.167
155	161	172	0.0 1.0	0.604 87.3 -48.2 22.5 53.3 155	0.0 1.0	0.691 87.6 -45.7 15.8 48.4 161	0.0 1.0 0.0	0.183 0.0 1.0	0.812 88.1 -41.5 5.8 42.0 172	0.0 1.0 0.0	0.0 0.183	0.0 0.183
156	162	173	0.0 1.0	0.624 87.4 -47.6 21.2 52.2 156	0.0 1.0	0.705 87.7 -45.2 14.7 47.7 162	0.0 1.0 0.0	0.2 0.0 1.0	0.821 88.1 -41.1 5.1 41.5 173	0.0 1.0 0.0	0.0 0.2	0.0 0.2
157	163	174	0.0 1.0	0.638 87.4 -47.3 20.1 51.5 157	0.0 1.0	0.718 87.7 -44.7 13.7 46.9 163	0.0 1.0 0.0	0.217 0.0 1.0	0.83 88.1 -40.7 4.3 41.0 174	0.0 1.0 0.0	0.0 0.217	0.0 0.217
158	164	175	0.0 1.0	0.651 87.5 -46.9 19.0 50.7 158	0.0 1.0	0.732 87.8 -44.2 12.7 46.1 164	0.0 1.0 0.0	0.233 0.0 1.0	0.84 88.2 -40.3 3.5 40.6 175	0.0 1.0 0.0	0.0 0.233	0.0 0.233
159	165	176	0.0 1.0	0.664 87.5 -46.5 17.9 49.9 159	0.0 1.0	0.745 87.8 -43.7 11.7 45.4 165	0.0 1.0 0.0	0.25 0.0 1.0	0.849 88.2 -39.9 2.8 40.1 176	0.0 1.0 0.0	0.0 0.25	0.0 0.25

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 25.0, 105.5, 140.5, 197.2, 297.3, 327.0$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
159	165	176	0.0 1.0	0.664 87.5 -46.5 17.9 49.9 159	0.0 1.0	0.745 87.8 -43.7 11.7 45.4 165	0.0 1.0	0.25	0.0 1.0	0.849 88.2 -39.9 2.8 40.1 176	0.0 1.0	0.25	
160	166	177	0.0 1.0	0.678 87.6 -46.1 16.8 49.2 160	0.0 1.0	0.756 87.8 -43.4 10.8 44.8 166	0.0 1.0	0.267	0.0 1.0	0.858 88.3 -39.5 2.1 39.6 177	0.0 1.0	0.267	
161	167	178	0.0 1.0	0.691 87.6 -45.7 15.8 48.4 161	0.0 1.0	0.765 87.9 -43.1 10.0 44.3 167	0.0 1.0	0.283	0.0 1.0	0.867 88.3 -39.0 1.4 39.2 178	0.0 1.0	0.283	
162	168	179	0.0 1.0	0.705 87.7 -45.2 14.7 47.7 162	0.0 1.0	0.774 87.9 -42.8 9.1 43.9 168	0.0 1.0	0.3	0.0 1.0	0.876 88.3 -38.6 0.7 38.7 179	0.0 1.0	0.3	
163	169	180	0.0 1.0	0.718 87.7 -44.7 13.7 46.9 163	0.0 1.0	0.784 88.0 -42.5 8.3 43.4 169	0.0 1.0	0.317	0.0 1.0	0.883 88.4 -38.4 0.0 38.5 180	0.0 1.0	0.317	
164	170	180	0.0 1.0	0.732 87.8 -44.2 12.7 46.1 164	0.0 1.0	0.793 88.0 -42.2 7.5 42.9 170	0.0 1.0	0.333	0.0 1.0	0.883 88.4 -38.4 0.0 38.5 180	0.0 1.0	0.333	
165	171	181	0.0 1.0	0.745 87.8 -43.7 11.7 45.4 165	0.0 1.0	0.802 88.0 -41.8 6.6 42.5 171	0.0 1.0	0.35	0.0 1.0	0.89 88.4 -38.2 -0.6 38.3 181	0.0 1.0	0.35	
166	172	182	0.0 1.0	0.756 87.8 -43.4 10.8 44.8 166	0.0 1.0	0.812 88.1 -41.5 5.8 42.0 172	0.0 1.0	0.367	0.0 1.0	0.897 88.4 -38.0 -1.2 38.1 182	0.0 1.0	0.367	
167	173	183	0.0 1.0	0.765 87.9 -43.1 10.0 44.3 167	0.0 1.0	0.821 88.1 -41.1 5.1 41.5 173	0.0 1.0	0.383	0.0 1.0	0.904 88.5 -37.7 -1.9 37.9 183	0.0 1.0	0.383	
168	174	184	0.0 1.0	0.774 87.9 -42.8 9.1 43.9 168	0.0 1.0	0.83 88.1 -40.7 4.3 41.0 174	0.0 1.0	0.4	0.0 1.0	0.91 88.5 -37.5 -2.5 37.7 184	0.0 1.0	0.4	
169	175	185	0.0 1.0	0.784 88.0 -42.5 8.3 43.4 169	0.0 1.0	0.84 88.2 -40.3 3.5 40.6 175	0.0 1.0	0.417	0.0 1.0	0.917 88.5 -37.2 -3.2 37.4 185	0.0 1.0	0.417	
170	176	186	0.0 1.0	0.793 88.0 -42.2 7.5 42.9 170	0.0 1.0	0.849 88.2 -39.9 2.8 40.1 176	0.0 1.0	0.433	0.0 1.0	0.924 88.6 -36.9 -3.8 37.2 186	0.0 1.0	0.433	
171	177	187	0.0 1.0	0.802 88.0 -41.8 6.6 42.5 171	0.0 1.0	0.858 88.3 -39.5 2.1 39.6 177	0.0 1.0	0.45	0.0 1.0	0.931 88.6 -36.6 -4.4 37.0 187	0.0 1.0	0.45	
172	178	188	0.0 1.0	0.812 88.1 -41.5 5.8 42.0 172	0.0 1.0	0.867 88.3 -39.0 1.4 39.2 178	0.0 1.0	0.467	0.0 1.0	0.938 88.6 -36.3 -5.0 36.8 188	0.0 1.0	0.467	
173	179	189	0.0 1.0	0.821 88.1 -41.1 5.1 41.5 173	0.0 1.0	0.876 88.3 -38.6 0.7 38.7 179	0.0 1.0	0.483	0.0 1.0	0.944 88.7 -36.0 -5.6 36.6 189	0.0 1.0	0.483	
174	180	190	0.0 1.0	0.83 88.1 -40.7 4.3 41.0 174	0.0 1.0	0.883 88.4 -38.4 0.0 38.5 180	0.0 1.0	0.5	0.0 1.0	0.951 88.7 -35.7 -6.2 36.3 190	0.0 1.0	0.5	
175	181	191	0.0 1.0	0.84 88.2 -40.3 3.5 40.6 175	0.0 1.0	0.89 88.4 -38.2 -0.6 38.3 181	0.0 1.0	0.517	0.0 1.0	0.958 88.7 -35.4 -6.8 36.1 191	0.0 1.0	0.517	
176	182	191	0.0 1.0	0.849 88.2 -39.9 2.8 40.1 176	0.0 1.0	0.897 88.4 -38.0 -1.2 38.1 182	0.0 1.0	0.533	0.0 1.0	0.958 88.7 -35.4 -6.8 36.1 191	0.0 1.0	0.533	
177	183	192	0.0 1.0	0.858 88.3 -39.5 2.1 39.6 177	0.0 1.0	0.904 88.5 -37.7 -1.9 37.9 183	0.0 1.0	0.55	0.0 1.0	0.965 88.8 -35.0 -7.4 35.9 192	0.0 1.0	0.55	
178	184	193	0.0 1.0	0.867 88.3 -39.0 1.4 39.2 178	0.0 1.0	0.91 88.5 -37.5 -2.5 37.7 184	0.0 1.0	0.567	0.0 1.0	0.972 88.8 -34.7 -7.9 35.7 193	0.0 1.0	0.567	
179	185	194	0.0 1.0	0.876 88.3 -38.6 0.7 38.7 179	0.0 1.0	0.917 88.5 -37.2 -3.2 37.4 185	0.0 1.0	0.583	0.0 1.0	0.978 88.8 -34.3 -8.5 35.5 194	0.0 1.0	0.583	
180	186	195	0.0 1.0	0.883 88.4 -38.4 0.0 38.5 180	0.0 1.0	0.924 88.6 -36.9 -3.8 37.2 186	0.0 1.0	0.6	0.0 1.0	0.985 88.9 -33.9 -9.0 35.2 195	0.0 1.0	0.6	
181	187	196	0.0 1.0	0.89 88.4 -38.2 -0.6 38.3 181	0.0 1.0	0.931 88.6 -36.6 -4.4 37.0 187	0.0 1.0	0.617	0.0 1.0	0.992 88.9 -33.6 -9.6 35.0 196	0.0 1.0	0.617	
182	188	197	0.0 1.0	0.897 88.4 -38.0 -1.2 38.1 182	0.0 1.0	0.938 88.6 -36.3 -5.0 36.8 188	0.0 1.0	0.633	0.0 1.0	0.999 88.9 -33.2 -10.1 34.8 197	0.0 1.0	0.633	
183	189	198	0.0 1.0	0.904 88.5 -37.7 -1.9 37.9 183	0.0 1.0	0.944 88.7 -36.0 -5.6 36.6 189	0.0 1.0	0.65	0.0 1.0	0.996 1.0 88.7 -32.8 -10.6 34.6 198	0.0 1.0	0.65	
184	190	199	0.0 1.0	0.91 88.5 -37.5 -2.5 37.7 184	0.0 1.0	0.951 88.7 -35.7 -6.2 36.3 190	0.0 1.0	0.667	0.0 1.0	0.991 1.0 88.5 -32.4 -11.1 34.4 199	0.0 1.0	0.667	
185	191	200	0.0 1.0	0.917 88.5 -37.2 -3.2 37.4 185	0.0 1.0	0.958 88.7 -35.4 -6.8 36.1 191	0.0 1.0	0.683	0.0 1.0	0.986 1.0 88.2 -32.0 -11.6 34.2 200	0.0 1.0	0.683	
186	192	201	0.0 1.0	0.924 88.6 -36.9 -3.8 37.2 186	0.0 1.0	0.965 88.8 -35.0 -7.4 35.9 192	0.0 1.0	0.7	0.0 1.0	0.981 1.0 88.0 -31.6 -12.1 34.0 201	0.0 1.0	0.7	
187	193	201	0.0 1.0	0.931 88.6 -36.6 -4.4 37.0 187	0.0 1.0	0.972 88.8 -34.7 -7.9 35.7 193	0.0 1.0	0.717	0.0 1.0	0.981 1.0 88.0 -31.6 -12.1 34.0 201	0.0 1.0	0.717	
188	194	202	0.0 1.0	0.938 88.6 -36.3 -5.0 36.8 188	0.0 1.0	0.978 88.8 -34.3 -8.5 35.5 194	0.0 1.0	0.733	0.0 1.0	0.976 1.0 87.7 -31.2 -12.6 33.8 202	0.0 1.0	0.733	
189	195	203	0.0 1.0	0.944 88.7 -36.0 -5.6 36.6 189	0.0 1.0	0.985 88.9 -33.9 -9.0 35.2 195	0.0 1.0	0.75	0.0 1.0	0.971 1.0 87.4 -30.8 -13.0 33.6 203	0.0 1.0	0.75	
190	196	204	0.0 1.0	0.951 88.7 -35.7 -6.2 36.3 190	0.0 1.0	0.992 88.9 -33.6 -9.6 35.0 196	0.0 1.0	0.767	0.0 1.0	0.966 1.0 87.2 -30.4 -13.5 33.4 204	0.0 1.0	0.767	
191	197	205	0.0 1.0	0.958 88.7 -35.4 -6.8 36.1 191	0.0 1.0	0.999 88.9 -33.2 -10.1 34.8 197	0.0 1.0	0.783	0.0 1.0	0.961 1.0 86.9 -30.0 -13.9 33.2 205	0.0 1.0	0.783	
192	198	206	0.0 1.0	0.965 88.8 -35.0 -7.4 35.9 192	0.0 1.0	0.996 1.0 88.7 -32.8 -10.6 34.6 198	0.0 1.0	0.8	0.0 1.0	0.956 1.0 86.7 -29.5 -14.4 33.0 206	0.0 1.0	0.8	
193	199	207	0.0 1.0	0.972 88.8 -34.7 -7.9 35.7 193	0.0 1.0	0.991 1.0 88.5 -32.4 -11.1 34.4 199	0.0 1.0	0.817	0.0 1.0	0.951 1.0 86.4 -29.1 -14.8 32.8 207	0.0 1.0	0.817	
194	200	208	0.0 1.0	0.978 88.8 -34.3 -8.5 35.5 194	0.0 1.0	0.986 1.0 88.2 -32.0 -11.6 34.2 200	0.0 1.0	0.833	0.0 1.0	0.945 1.0 86.1 -28.7 -15.2 32.6 208	0.0 1.0	0.833	
195	201	209	0.0 1.0	0.985 88.9 -33.9 -9.0 35.2 195	0.0 1.0	0.981 1.0 88.0 -31.6 -12.1 34.0 201	0.0 1.0	0.85	0.0 1.0	0.94 1.0 85.9 -28.2 -15.6 32.4 209	0.0 1.0	0.85	
196	202	210	0.0 1.0	0.992 88.9 -33.6 -9.6 35.0 196	0.0 1.0	0.976 1.0 87.7 -31.2 -12.6 33.8 202	0.0 1.0	0.867	0.0 1.0	0.935 1.0 85.6 -27.8 -16.0 32.2 210	0.0 1.0	0.867	
197	203	211	0.0 1.0	0.999 88.9 -33.2 -10.1 34.8 197	0.0 1.0	0.971 1.0 87.4 -30.8 -13.0 33.6 203	0.0 1.0	0.883	0.0 1.0	0.93 1.0 85.4 -27.3 -16.4 32.0 211	0.0 1.0	0.883	
198	204	212	0.0 0.996	1.0 88.7 -32.8 -10.6 34.6 198	0.0 0.966	1.0 87.2 -30.4 -13.5 33.4 204	0.0 0.9	0.0	0.925	1.0 85.1 -26.8 -16.7 31.8 212	0.0 1.0	0.9	
199	205	212	0.0 0.991	1.0 88.5 -32.4 -11.1 34.4 199	0.0 0.961	1.0 86.9 -30.0 -13.9 33.2 205	0.0 0.917	0.0	0.925	1.0 85.1 -26.8 -16.7 31.8 212	0.0 1.0	0.917	
200	206	213	0.0 0.986	1.0 88.2 -32.0 -11.6 34.2 200	0.0 0.956	1.0 86.7 -29.5 -14.4 33.0 206	0.0 0.933	0.0	0.92	1.0 84.8 -26.4 -17.1 31.6 213	0.0 1.0	0.933	
201	207	214	0.0 0.981	1.0 88.0 -31.6 -12.1 34.0 201	0.0 0.951	1.0 86.4 -29.1 -14.8 32.8 207	0.0 0.95	0.0	0.915	1.0 84.6 -25.9 -17.4 31.4 214	0.0 1.0	0.95	
202	208	215	0.0 0.976	1.0 87.7 -31.2 -12.6 33.8 202	0.0 0.945	1.0 86.1 -28.7 -15.2 32.6 208	0.0 1.0	0.967	0.0	0.91	1.0 84.3 -25.4 -17.8 31.2 215	0.0 1.0	0.967
203	209	216	0.0 0.971	1.0 87.4 -30.8 -13.0 33.6 203	0.0 0.94	1.0 85.9 -28.2 -15.6 32.4 209	0.0 1.0	0.983	0.0	0.905	1.0 84.1 -25.0 -18.1 31.0 216	0.0 1.0	0.983
204	210	217	0.0 0.966	1.0 87.2 -30.4 -13.5 33.4 204	0.0 0.935	1.0 85.6 -27.8 -16.0 32.2 210	0.0 1.0	1.0C <sub>s</sub>	0.0	0.9	1.0 83.8 -24.5 -18.4 30.8 217	0.0 1.0	1.0C <sub>e</sub>

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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: $h_{ab,d} = 25.0, 105.5, 140.5, 197.2, 297.3, 327.0$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																		
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$						
204	210	217	0.0 0.966 1.0	87.2 -30.4 -13.5 33.4 204	0.0 0.935 1.0	85.6 -27.8 -16.0 32.2 210	0.0 1.0 1.0C <sub>s</sub>	0.0 0.9 1.0	83.8 -24.5 -18.4 30.8 217	0.0 1.0 1.0C <sub>e</sub>								
205	211	218	0.0 0.961 1.0	86.9 -30.0 -13.9 33.2 205	0.0 0.93 1.0	85.4 -27.3 -16.4 32.0 211	0.0 1.0 1.0C <sub>s</sub>	0.0 0.895 1.0	83.6 -24.0 -18.7 30.6 218	0.0 1.0 1.0C <sub>e</sub>								
206	212	219	0.0 0.956 1.0	86.7 -29.5 -14.4 33.0 206	0.0 0.925 1.0	85.1 -26.8 -16.7 31.8 212	0.0 1.0 1.0C <sub>s</sub>	0.0 0.967 1.0	83.3 -23.5 -19.0 30.4 219	0.0 1.0 1.0C <sub>e</sub>								
207	213	220	0.0 0.951 1.0	86.4 -29.1 -14.8 32.8 207	0.0 0.92 1.0	84.8 -26.4 -17.1 31.6 213	0.0 1.0 1.0C <sub>s</sub>	0.0 0.95 1.0	83.0 -23.0 -19.3 30.2 220	0.0 1.0 1.0C <sub>e</sub>								
208	214	221	0.0 0.945 1.0	86.1 -28.7 -15.2 32.6 208	0.0 0.915 1.0	84.6 -25.9 -17.4 31.4 214	0.0 1.0 1.0C <sub>s</sub>	0.0 0.933 1.0	82.9 -22.5 -19.6 30.0 221	0.0 1.0 1.0C <sub>e</sub>								
209	215	222	0.0 0.94 1.0	85.9 -28.2 -15.6 32.4 209	0.0 0.91 1.0	84.3 -25.4 -17.8 31.2 215	0.0 1.0 1.0C <sub>s</sub>	0.0 0.917 1.0	82.5 -22.0 -19.8 29.8 222	0.0 1.0 1.0C <sub>e</sub>								
210	216	222	0.0 0.935 1.0	85.6 -27.8 -16.0 32.2 210	0.0 0.905 1.0	84.1 -25.0 -18.1 31.0 216	0.0 1.0 1.0C <sub>s</sub>	0.0 0.875 1.0	82.5 -22.0 -19.8 29.8 222	0.0 1.0 1.0C <sub>e</sub>								
211	217	223	0.0 0.93 1.0	85.4 -27.3 -16.4 32.0 211	0.0 0.9 1.0	83.8 -24.5 -18.4 30.8 217	0.0 1.0 1.0C <sub>s</sub>	0.0 0.883 1.0	82.3 -21.7 -20.2 29.8 223	0.0 1.0 1.0C <sub>e</sub>								
212	218	224	0.0 0.925 1.0	85.1 -26.8 -16.7 31.8 212	0.0 0.895 1.0	83.6 -24.0 -18.7 30.6 218	0.0 1.0 1.0C <sub>s</sub>	0.0 0.867 1.0	82.1 -21.4 -20.6 29.9 224	0.0 1.0 1.0C <sub>e</sub>								
213	219	225	0.0 0.92 1.0	84.8 -26.4 -17.1 31.6 213	0.0 0.89 1.0	83.3 -23.5 -19.0 30.4 219	0.0 1.0 1.0C <sub>s</sub>	0.0 0.85 1.0	81.9 -21.0 -21.0 29.9 225	0.0 1.0 1.0C <sub>e</sub>								
214	220	226	0.0 0.915 1.0	84.6 -25.9 -17.4 31.4 214	0.0 0.885 1.0	83.0 -23.0 -19.3 30.2 220	0.0 1.0 1.0C <sub>s</sub>	0.0 0.833 1.0	81.6 -20.7 -21.5 30.0 226	0.0 1.0 1.0C <sub>e</sub>								
215	221	227	0.0 0.91 1.0	84.3 -25.4 -17.8 31.2 215	0.0 0.88 1.0	82.8 -22.5 -19.6 30.0 221	0.0 1.0 1.0C <sub>s</sub>	0.0 0.817 1.0	81.4 -20.4 -21.8 30.0 227	0.0 1.0 1.0C <sub>e</sub>								
216	222	228	0.0 0.905 1.0	84.1 -25.0 -18.1 31.0 216	0.0 0.875 1.0	82.5 -22.0 -19.8 29.8 222	0.0 1.0 1.0C <sub>s</sub>	0.0 0.848 1.0	81.2 -20.0 -22.2 30.1 228	0.0 1.0 1.0C <sub>e</sub>								
217	223	229	0.0 0.9 1.0	83.8 -24.5 -18.4 30.8 217	0.0 0.87 1.0	82.3 -21.7 -20.2 29.8 223	0.0 1.0 1.0C <sub>s</sub>	0.0 0.783 1.0	81.0 -19.7 -22.6 30.1 229	0.0 1.0 1.0C <sub>e</sub>								
218	224	230	0.0 0.895 1.0	83.6 -24.0 -18.7 30.6 218	0.0 0.866 1.0	82.1 -21.4 -20.6 29.9 224	0.0 1.0 1.0C <sub>s</sub>	0.0 0.767 1.0	80.8 -19.3 -23.0 30.2 230	0.0 1.0 1.0C <sub>e</sub>								
219	225	231	0.0 0.89 1.0	83.3 -23.5 -19.0 30.4 219	0.0 0.861 1.0	81.9 -21.0 -21.0 29.9 225	0.0 1.0 1.0C <sub>s</sub>	0.0 0.75 1.0	80.5 -18.9 -23.4 30.2 231	0.0 1.0 1.0C <sub>e</sub>								
220	226	232	0.0 0.885 1.0	83.0 -23.0 -19.3 30.2 220	0.0 0.857 1.0	81.6 -20.7 -21.5 30.0 226	0.0 1.0 1.0C <sub>s</sub>	0.0 0.733 1.0	80.3 -18.5 -23.7 30.3 232	0.0 1.0 1.0C <sub>e</sub>								
221	227	232	0.0 0.88 1.0	82.8 -22.5 -19.6 30.0 221	0.0 0.852 1.0	81.4 -20.4 -21.8 30.0 227	0.0 1.0 1.0C <sub>s</sub>	0.0 0.717 1.0	80.3 -18.5 -23.7 30.3 232	0.0 1.0 1.0C <sub>e</sub>								
222	228	233	0.0 0.875 1.0	82.5 -22.0 -19.8 29.8 222	0.0 0.848 1.0	81.2 -20.0 -22.2 30.1 228	0.0 1.0 1.0C <sub>s</sub>	0.0 0.7 1.0	80.1 -18.1 -24.1 30.3 233	0.0 1.0 1.0C <sub>e</sub>								
223	229	234	0.0 0.87 1.0	82.3 -21.7 -20.2 29.8 223	0.0 0.843 1.0	81.0 -19.7 -22.6 30.1 229	0.0 1.0 1.0C <sub>s</sub>	0.0 0.683 1.0	79.9 -17.7 -24.5 30.4 234	0.0 1.0 1.0C <sub>e</sub>								
224	230	235	0.0 0.866 1.0	82.1 -21.4 -20.6 29.9 224	0.0 0.838 1.0	80.8 -19.3 -23.0 30.2 230	0.0 1.0 1.0C <sub>s</sub>	0.0 0.667 1.0	79.6 -17.3 -24.8 30.4 235	0.0 1.0 1.0C <sub>e</sub>								
225	231	236	0.0 0.861 1.0	81.9 -21.0 -21.0 29.9 225	0.0 0.834 1.0	80.5 -18.9 -23.4 30.2 231	0.0 1.0 1.0C <sub>s</sub>	0.0 0.65 1.0	79.4 -16.9 -25.1 30.4 236	0.0 1.0 1.0C <sub>e</sub>								
226	232	237	0.0 0.857 1.0	81.6 -20.7 -21.5 30.0 226	0.0 0.829 1.0	80.3 -18.5 -23.7 30.3 232	0.0 1.0 1.0C <sub>s</sub>	0.0 0.633 1.0	79.2 -16.5 -25.5 30.5 237	0.0 1.0 1.0C <sub>e</sub>								
227	233	238	0.0 0.852 1.0	81.4 -20.4 -21.8 30.0 227	0.0 0.825 1.0	80.1 -18.1 -24.1 30.3 233	0.0 1.0 1.0C <sub>s</sub>	0.0 0.617 1.0	79.0 -16.1 -25.8 30.5 238	0.0 1.0 1.0C <sub>e</sub>								
228	234	239	0.0 0.848 1.0	81.2 -20.0 -22.2 30.1 228	0.0 0.82 1.0	79.9 -17.7 -24.5 30.4 234	0.0 1.0 1.0C <sub>s</sub>	0.0 0.797 1.0	78.8 -15.7 -26.1 30.6 239	0.0 1.0 1.0C <sub>e</sub>								
229	235	240	0.0 0.843 1.0	81.0 -19.7 -22.6 30.1 229	0.0 0.816 1.0	79.6 -17.3 -24.8 30.4 235	0.0 1.0 1.0C <sub>s</sub>	0.0 0.793 1.0	78.5 -15.2 -26.4 30.6 240	0.0 1.0 1.0C <sub>e</sub>								
230	236	241	0.0 0.838 1.0	80.8 -19.3 -23.0 30.2 230	0.0 0.811 1.0	79.4 -16.9 -25.1 30.4 236	0.0 1.0 1.0C <sub>s</sub>	0.0 0.567 1.0	78.3 -14.8 -26.7 30.7 241	0.0 1.0 1.0C <sub>e</sub>								
231	237	242	0.0 0.834 1.0	80.5 -18.9 -23.4 30.2 231	0.0 0.806 1.0	79.2 -16.5 -25.5 30.5 237	0.0 1.0 1.0C <sub>s</sub>	0.0 0.55 1.0	78.1 -14.3 -27.0 30.7 242	0.0 1.0 1.0C <sub>e</sub>								
232	238	243	0.0 0.829 1.0	80.3 -18.5 -23.7 30.3 232	0.0 0.802 1.0	79.0 -16.1 -25.8 30.5 238	0.0 1.0 1.0C <sub>s</sub>	0.0 0.533 1.0	77.9 -13.9 -27.3 30.8 243	0.0 1.0 1.0C <sub>e</sub>								
233	239	243	0.0 0.825 1.0	80.1 -18.1 -24.1 30.3 233	0.0 0.797 1.0	78.8 -15.7 -26.1 30.6 239	0.0 1.0 1.0C <sub>s</sub>	0.0 0.517 1.0	77.9 -13.9 -27.3 30.8 243	0.0 1.0 1.0C <sub>e</sub>								
234	240	244	0.0 0.82 1.0	79.9 -17.7 -24.5 30.4 234	0.0 0.793 1.0	78.5 -15.2 -26.4 30.6 240	0.0 1.0 1.0C <sub>s</sub>	0.0 0.5 1.0	77.7 -13.4 -27.6 30.8 244	0.0 1.0 1.0C <sub>e</sub>								
235	241	245	0.0 0.816 1.0	79.6 -17.3 -24.8 30.4 235	0.0 0.788 1.0	78.3 -14.8 -26.7 30.7 241	0.0 1.0 1.0C <sub>s</sub>	0.0 0.483 1.0	77.4 -13.0 -27.9 30.9 245	0.0 1.0 1.0C <sub>e</sub>								
236	242	246	0.0 0.811 1.0	79.4 -16.9 -25.1 30.4 236	0.0 0.784 1.0	78.1 -14.3 -27.0 30.7 242	0.0 1.0 1.0C <sub>s</sub>	0.0 0.467 1.0	77.2 -12.5 -28.2 30.9 246	0.0 1.0 1.0C <sub>e</sub>								
237	243	247	0.0 0.806 1.0	79.2 -16.5 -25.5 30.5 237	0.0 0.779 1.0	77.9 -13.9 -27.3 30.8 243	0.0 1.0 1.0C <sub>s</sub>	0.0 0.45 1.0	77.0 -12.0 -28.4 31.0 247	0.0 1.0 1.0C <sub>e</sub>								
238	244	248	0.0 0.802 1.0	79.0 -16.1 -25.8 30.5 238	0.0 0.775 1.0	77.7 -13.4 -27.6 30.8 244	0.0 1.0 1.0C <sub>s</sub>	0.0 0.433 1.0	76.8 -11.5 -28.7 31.0 248	0.0 1.0 1.0C <sub>e</sub>								
239	245	249	0.0 0.797 1.0	78.8 -15.7 -26.1 30.6 239	0.0 0.77 1.0	77.4 -13.0 -27.9 30.9 245	0.0 1.0 1.0C <sub>s</sub>	0.0 0.417 1.0	76.6 -11.0 -28.9 31.1 249	0.0 1.0 1.0C <sub>e</sub>								
240	246	250	0.0 0.793 1.0	78.5 -15.2 -26.4 30.6 240	0.0 0.765 1.0	77.2 -12.5 -28.2 30.9 246	0.0 1.0 1.0C <sub>s</sub>	0.0 0.4 1.0	76.3 -10.6 -29.3 31.3 250	0.0 1.0 1.0C <sub>e</sub>								
241	247	251	0.0 0.788 1.0	78.3 -14.8 -26.7 30.7 241	0.0 0.761 1.0	77.0 -12.0 -28.4 31.0 247	0.0 1.0 1.0C <sub>s</sub>	0.0 0.383 1.0	76.0 -10.2 -29.8 31.6 251	0.0 1.0 1.0C <sub>e</sub>								
242	248	252	0.0 0.784 1.0	78.1 -14.3 -27.0 30.7 242	0.0 0.756 1.0	76.8 -11.5 -28.7 31.0 248	0.0 1.0 1.0C <sub>s</sub>	0.0 0.367 1.0	75.8 -9.8 -30.3 31.9 252	0.0 1.0 1.0C <sub>e</sub>								
243	249	253	0.0 0.779 1.0	77.9 -13.9 -27.3 30.8 243	0.0 0.752 1.0	76.6 -11.0 -28.9 31.1 249	0.0 1.0 1.0C <sub>s</sub>	0.0 0.35 1.0	75.5 -9.3 -30.8 32.3 253	0.0 1.0 1.0C <sub>e</sub>								
244	250	253	0.0 0.775 1.0	77.7 -13.4 -27.6 30.8 244	0.0 0.746 1.0	76.3 -10.6 -29.3 31.3 250	0.0 1.0 1.0C <sub>s</sub>	0.0 0.333 1.0	75.5 -9.3 -30.8 32.3 253	0.0 1.0 1.0C <sub>e</sub>								
245	251	254	0.0 0.77 1.0	77.4 -13.0 -27.9 30.9 245	0.0 0.74 1.0	76.0 -10.2 -29.8 31.6 251	0.0 1.0 1.0C <sub>s</sub>	0.0 0.317 1.0	75.2 -8.9 -31.2 32.6 254	0.0 1.0 1.0C <sub>e</sub>								
246	252	255	0.0 0.765 1.0	77.2 -12.5 -28.2 30.9 246	0.0 0.734 1.0	75.8 -9.8 -30.3 31.9 243	0.0 1.0 1.0C <sub>s</sub>	0.0 0.3 1.0	75.0 -8.4 -31.7 32.9 255	0.0 1.0 1.0C <sub>e</sub>								
247	253	256	0.0 0.761 1.0	77.0 -12.0 -28.4 31.0 247	0.0 0.728 1.0	75.5 -9.3 -30.8 32.3 253	0.0 1.0 1.0C <sub>s</sub>	0.0 0.283 1.0	74.7 -7.9 -32.1 33.2 256	0.0 1.0 1.0C <sub>e</sub>								
248	254	257	0.0 0.756 1.0	76.8 -11.5 -28.7 31.0 248	0.0 0.722 1.0	75.2 -8.9 -31.2 32.6 254	0.0 1.0 1.0C <sub>s</sub>	0.0 0.267 1.0	74.4 -7.4 -32.6 33.5 257	0.0 1.0 1.0C <sub>e</sub>								
249	255	258	0.0 0.752 1.0	76.6 -11.0 -28.9 31.1 249	0.0 0.716 1.0	75.0 -8.4 -31.7 32.9 255	0.0 1.0 1.0C <sub>s</sub>	0.0 0.25 1.0	74.2 -6.9 -33.0 33.8 258	0.0 1.0 1.0C <sub>e</sub>								

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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: $h_{ab,d} = 25.0, 105.5, 140.5, 197.2, 297.3, 327.0$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																				
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$								
249	255	258	0.0	0.752 1.0	76.6 -11.0 -28.9	31.1 249	0.0	0.716 1.0	75.0 -8.4 -31.7	32.9 255	0.0	0.25 1.0	0.0	0.697 1.0	74.2 -6.9 -33.0	33.8 258	0.0	0.25 1.0	0.0	0.25 1.0
250	256	259	0.0	0.746 1.0	76.3 -10.6 -29.3	31.3 250	0.0	0.71 1.0	74.7 -7.9 -32.1	33.2 256	0.0	0.233 1.0	0.0	0.691 1.0	73.9 -6.4 -33.4	34.2 259	0.0	0.233 1.0	0.0	0.233 1.0
251	257	260	0.0	0.74 1.0	76.0 -10.2 -29.8	31.6 251	0.0	0.703 1.0	74.4 -7.4 -32.6	33.5 257	0.0	0.217 1.0	0.0	0.685 1.0	73.6 -5.9 -33.9	34.5 260	0.0	0.217 1.0	0.0	0.217 1.0
252	258	261	0.0	0.734 1.0	75.8 -9.8 -30.3	31.9 252	0.0	0.697 1.0	74.2 -6.9 -33.0	33.8 258	0.0	0.2 1.0	0.0	0.679 1.0	73.4 -5.3 -34.3	34.8 261	0.0	0.2 1.0	0.0	0.2 1.0
253	259	262	0.0	0.728 1.0	75.5 -9.3 -30.8	32.3 253	0.0	0.691 1.0	73.9 -6.4 -33.4	34.2 259	0.0	0.183 1.0	0.0	0.673 1.0	73.1 -4.8 -34.7	35.1 262	0.0	0.183 1.0	0.0	0.183 1.0
254	260	263	0.0	0.722 1.0	75.2 -8.9 -31.2	32.6 254	0.0	0.685 1.0	73.6 -5.9 -33.9	34.5 260	0.0	0.167 1.0	0.0	0.667 1.0	72.8 -4.2 -35.1	35.4 263	0.0	0.167 1.0	0.0	0.167 1.0
255	261	264	0.0	0.716 1.0	75.0 -8.4 -31.7	32.9 255	0.0	0.679 1.0	73.4 -5.3 -34.3	34.8 261	0.0	0.15 1.0	0.0	0.661 1.0	72.6 -3.6 -35.5	35.8 264	0.0	0.15 1.0	0.0	0.15 1.0
256	262	264	0.0	0.71 1.0	74.7 -7.9 -32.1	33.2 256	0.0	0.673 1.0	73.1 -4.8 -34.7	35.1 262	0.0	0.133 1.0	0.0	0.661 1.0	72.6 -3.6 -35.5	35.8 264	0.0	0.133 1.0	0.0	0.133 1.0
257	263	265	0.0	0.703 1.0	74.4 -7.4 -32.6	33.5 257	0.0	0.667 1.0	72.8 -4.2 -35.1	35.4 263	0.0	0.117 1.0	0.0	0.655 1.0	72.3 -3.0 -35.8	36.1 265	0.0	0.117 1.0	0.0	0.117 1.0
258	264	266	0.0	0.697 1.0	74.2 -6.9 -33.0	33.8 258	0.0	0.661 1.0	72.6 -3.6 -35.5	35.8 264	0.0	0.1 1.0	0.0	0.649 1.0	72.0 -2.4 -36.2	36.4 266	0.0	0.1 1.0	0.0	0.1 1.0
259	265	267	0.0	0.691 1.0	73.9 -6.4 -33.4	34.2 259	0.0	0.655 1.0	72.3 -3.0 -35.8	36.1 265	0.0	0.083 1.0	0.0	0.642 1.0	71.7 -1.8 -36.6	36.7 267	0.0	0.083 1.0	0.0	0.083 1.0
260	266	268	0.0	0.685 1.0	73.6 -5.9 -33.9	34.5 260	0.0	0.649 1.0	72.0 -2.4 -36.2	36.4 266	0.0	0.067 1.0	0.0	0.636 1.0	71.5 -1.2 -36.9	37.0 268	0.0	0.067 1.0	0.0	0.067 1.0
261	267	269	0.0	0.679 1.0	73.4 -5.3 -34.3	34.8 261	0.0	0.642 1.0	71.7 -1.8 -36.6	36.7 267	0.0	0.05 1.0	0.0	0.63 1.0	71.2 -0.6 -37.2	37.3 269	0.0	0.05 1.0	0.0	0.05 1.0
262	268	270	0.0	0.673 1.0	73.1 -4.8 -34.7	35.1 262	0.0	0.636 1.0	71.5 -1.2 -36.9	37.0 268	0.0	0.033 1.0	0.0	0.624 1.0	70.9 0.0 -37.6	37.7 270	0.0	0.033 1.0	0.0	0.033 1.0
263	269	271	0.0	0.667 1.0	72.8 -4.2 -35.1	35.4 263	0.0	0.63 1.0	71.2 -0.6 -37.2	37.3 269	0.0	0.017 1.0	0.0	0.614 1.0	70.5 0.7 -38.3	38.4 271	0.0	0.017 1.0	0.0	0.017 1.0
264	270	272	0.0	0.661 1.0	72.6 -3.6 -35.5	35.8 264	0.0	0.624 1.0	70.9 0.0 -37.6	37.7 270	0.0	0.0 1.0	0.0	0.604 1.0	70.2 1.4 -38.9	39.1 272	0.0	0.0 1.0	0.0	0.0 1.0
265	271	273	0.0	0.655 1.0	72.3 -3.0 -35.8	36.1 265	0.0	0.614 1.0	70.5 0.7 -38.3	38.4 271	0.0	0.017 1.0	0.0	0.594 1.0	69.8 2.1 -39.6	39.7 273	0.0	0.017 1.0	0.0	0.0 1.0
266	272	274	0.0	0.649 1.0	72.0 -2.4 -36.2	36.4 266	0.0	0.604 1.0	70.2 1.4 -38.9	39.1 272	0.0	0.033 0.0	1.0	0.584 1.0	69.4 2.8 -40.2	40.4 274	0.0	0.033 0.0	1.0	0.0 1.0
267	273	275	0.0	0.642 1.0	71.7 -1.8 -36.6	36.7 267	0.0	0.594 1.0	69.8 2.1 -39.6	39.7 273	0.0	0.05 0.0	1.0	0.574 1.0	69.0 3.6 -40.9	41.1 275	0.0	0.05 0.0	1.0	0.0 1.0
268	274	276	0.0	0.636 1.0	71.5 -1.2 -36.9	37.0 268	0.0	0.584 1.0	69.4 2.8 -40.2	40.4 274	0.0	0.067 0.0	1.0	0.564 1.0	68.7 4.4 -41.5	41.8 276	0.0	0.067 0.0	1.0	0.0 1.0
269	275	276	0.0	0.63 1.0	71.2 -0.6 -37.2	37.3 269	0.0	0.574 1.0	69.0 3.6 -40.9	41.1 275	0.0	0.083 0.0	1.0	0.564 1.0	68.7 4.4 -41.5	41.8 276	0.0	0.083 0.0	1.0	0.0 1.0
270	276	277	0.0	0.624 1.0	70.9 0.0 -37.6	37.7 270	0.0	0.564 1.0	68.7 4.4 -41.5	41.8 276	0.1	0.0	1.0	0.554 1.0	68.3 5.2 -42.1	42.5 277	0.1	0.0	1.0	0.0 1.0
271	277	278	0.0	0.614 1.0	70.5 0.7 -38.3	38.4 271	0.0	0.554 1.0	68.3 5.2 -42.1	42.5 277	0.117 0.0	1.0	0.0	0.544 1.0	67.9 6.0 -42.6	43.1 278	0.117 0.0	1.0	0.0	1.0
272	278	279	0.0	0.604 1.0	70.2 1.4 -38.9	39.1 272	0.0	0.544 1.0	67.9 6.0 -42.6	43.1 278	0.133 0.0	1.0	0.0	0.534 1.0	67.5 6.9 -43.2	43.8 279	0.133 0.0	1.0	0.0	1.0
273	279	280	0.0	0.594 1.0	69.8 2.1 -39.6	39.7 273	0.0	0.534 1.0	67.5 6.9 -43.2	43.8 279	0.15 0.0	1.0	0.0	0.524 1.0	67.1 7.7 -43.7	44.5 280	0.15 0.0	1.0	0.0	1.0
274	280	281	0.0	0.584 1.0	69.4 2.8 -40.2	40.4 274	0.0	0.524 1.0	67.1 7.7 -43.7	44.5 280	0.167 0.0	1.0	0.0	0.515 1.0	66.8 8.6 -44.3	45.2 281	0.167 0.0	1.0	0.0	1.0
275	281	282	0.0	0.574 1.0	69.0 3.6 -40.9	41.1 275	0.0	0.515 1.0	66.8 8.6 -44.3	45.2 281	0.183 0.0	1.0	0.0	0.505 1.0	66.4 9.5 -44.8	45.9 282	0.183 0.0	1.0	0.0	1.0
276	282	283	0.0	0.564 1.0	68.7 4.4 -41.5	41.8 276	0.0	0.505 1.0	66.4 9.5 -44.8	45.9 282	0.2 0.0	1.0	0.0	0.491 1.0	65.9 10.5 -45.5	46.8 283	0.2 0.0	1.0	0.0	1.0
277	283	284	0.0	0.554 1.0	68.3 5.2 -42.1	42.5 277	0.0	0.491 1.0	65.9 10.5 -45.5	46.8 283	0.217 0.0	1.0	0.0	0.474 1.0	65.4 11.6 -46.4	47.9 284	0.217 0.0	1.0	0.0	1.0
278	284	285	0.0	0.544 1.0	67.9 6.0 -42.6	43.1 278	0.0	0.474 1.0	65.4 11.6 -46.4	47.9 284	0.233 0.0	1.0	0.0	0.458 1.0	64.9 12.7 -47.2	49.0 285	0.233 0.0	1.0	0.0	1.0
279	285	286	0.0	0.534 1.0	67.5 6.9 -43.2	43.8 279	0.0	0.458 1.0	64.9 12.7 -47.2	49.0 285	0.25 0.0	1.0	0.0	0.441 1.0	64.4 13.8 -48.1	50.1 286	0.25 0.0	1.0	0.0	1.0
280	286	287	0.0	0.524 1.0	67.1 7.7 -43.7	44.5 280	0.0	0.441 1.0	64.4 13.8 -48.1	50.1 286	0.267 0.0	1.0	0.0	0.424 1.0	63.8 15.0 -48.9	51.2 287	0.267 0.0	1.0	0.0	1.0
281	287	288	0.0	0.515 1.0	66.8 8.6 -44.3	45.2 281	0.0	0.424 1.0	63.8 15.0 -48.9	51.2 287	0.283 0.0	1.0	0.0	0.407 1.0	63.3 16.2 -49.7	52.3 288	0.283 0.0	1.0	0.0	1.0
282	288	289	0.0	0.505 1.0	66.4 9.5 -44.8	45.9 282	0.0	0.407 1.0	63.3 16.2 -49.7	52.3 288	0.3 0.0	1.0	0.0	0.391 1.0	62.8 17.4 -50.4	53.4 289	0.3 0.0	1.0	0.0	1.0
283	289	290	0.0	0.491 1.0	65.9 10.5 -45.5	46.8 283	0.0	0.391 1.0	62.8 17.4 -50.4	53.4 289	0.317 0.0	1.0	0.0	0.373 1.0	62.3 18.7 -51.2	54.6 290	0.317 0.0	1.0	0.0	1.0
284	290	291	0.0	0.474 1.0	65.4 11.6 -46.4	47.9 284	0.0	0.373 1.0	62.3 18.7 -51.2	54.6 290	0.333 0.0	1.0	0.0	0.344 1.0	61.6 20.1 -52.3	56.1 291	0.333 0.0	1.0	0.0	1.0
285	291	292	0.0	0.458 1.0	64.9 12.7 -47.2	49.0 285	0.0	0.344 1.0	61.6 20.1 -52.3	56.1 291	0.35 0.0	1.0	0.0	0.315 1.0	61.0 21.6 -53.3	57.6 292	0.35 0.0	1.0	0.0	1.0
286	292	293	0.0	0.441 1.0	64.4 13.8 -48.1	50.1 286	0.0	0.315 1.0	61.0 21.6 -53.3	57.6 292	0.367 0.0	1.0	0.0	0.286 1.0	60.3 23.1 -54.4	59.2 293	0.367 0.0	1.0	0.0	1.0
287	293	294	0.0	0.424 1.0	63.8 15.0 -48.9	51.2 287	0.0	0.286 1.0	60.3 23.1 -54.4	59.2 293	0.383 0.0	1.0	0.0	0.257 1.0	59.7 24.7 -55.4	60.7 294	0.383 0.0	1.0	0.0	1.0
288	294	294	0.0	0.407 1.0	63.3 16.2 -49.7	52.3 288	0.0	0.257 1.0	59.7 24.7 -55.4	60.7 294	0.4 0.0	1.0	0.0	0.257 1.0	59.7 24.7 -55.4	60.7 294	0.4 0.0	1.0	0.0	1.0
289	295	295	0.0	0.391 1.0	62.8 17.4 -50.4	53.4 289	0.0	0.207 1.0	58.9 26.4 -56.5	62.5 295	0.417 0.0	1.0	0.0	0.207 1.0	58.9 26.4 -56.5	62.5 295	0.417 0.0	1.0	0.0	1.0
290	296	296	0.0	0.373 1.0	62.3 18.7 -51.2	54.6 290	0.0	0.15 1.0	58.2 26.4 -57.7	64.3 296	0.433 0.0	1.0	0.0	0.15 1.0	58.2 28.2 -57.7	64.3 296	0.433 0.0	1.0	0.0	1.0
291	297	297	0.0	0.344 1.0	61.6 20.1 -52.3	56.1 291	0.0	0.044 1.0	57.4 30.1 -58.9	66.3 297	0.45 0.0	1.0	0.0	0.044 1.0	57.4 30.1 -58.9	66.3 297	0.45 0.0	1.0	0.0	1.0
292	298	298	0.0	0.315 1.0	61.0 21.6 -53.3	57.6 292	0.135 0.0	1.0	57.4 31.4 -58.9	66.8 298	0.467 0.0	1.0	0.135 0.0	1.0	57.4 31.4 -58.9	66.8 298	0.467 0.0	1.0	0.0	1.0
293	299	299	0.0	0.286 1.0	60.3 23.1 -54.4	59.2 293	0.219 0.0	1.0	57.8 32.4 -58.4	66.8 299	0.483 0.0	1.0	0.219 0.0	1.0	57.8 32.4 -58.4					

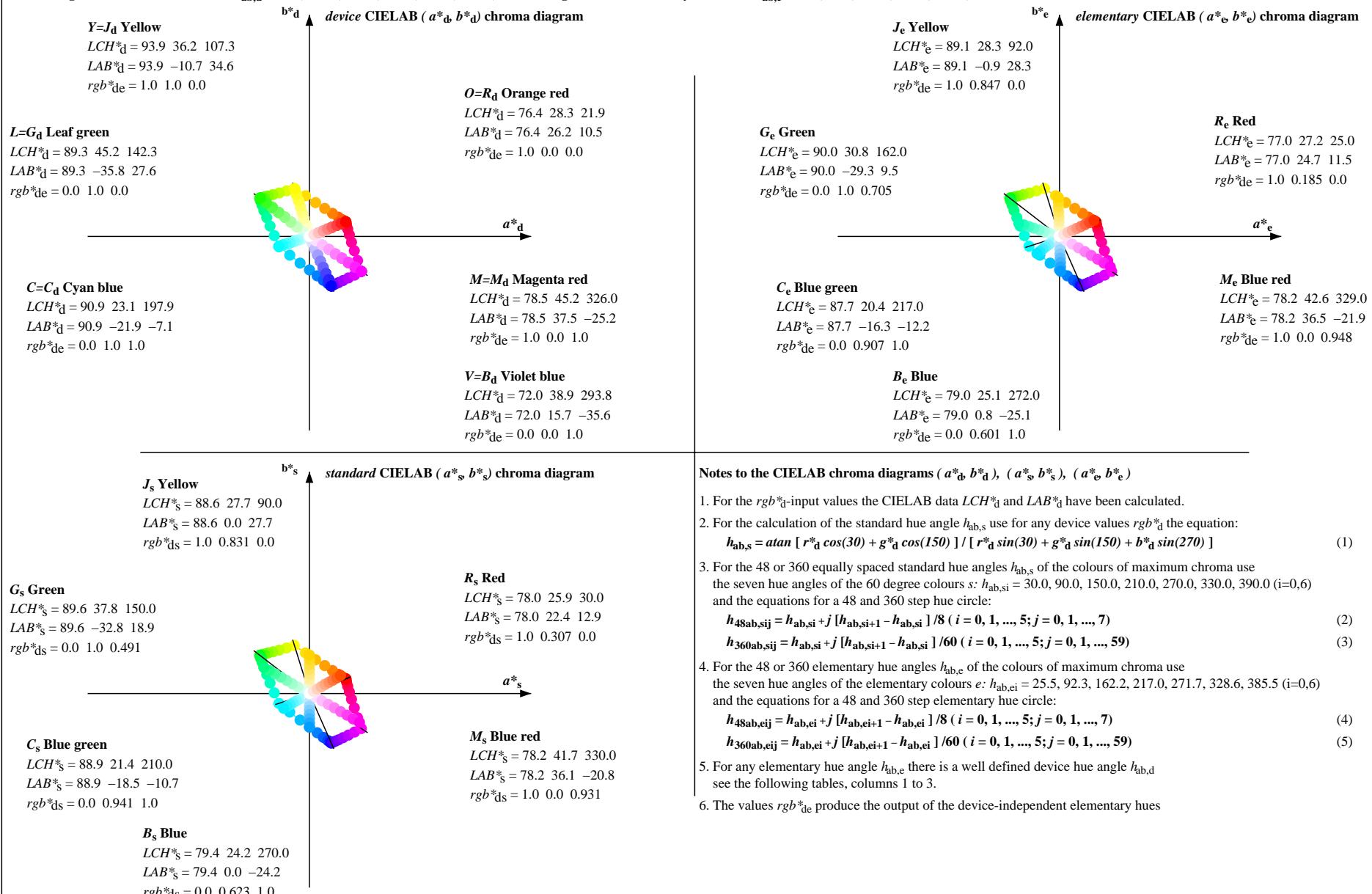
Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 for input or output; Six hue angles of the 60 degree standard colours s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ; Six hue angles of the device colours d: $h_{ab,d} = 25.0, 105.5, 140.5, 197.2, 297.3, 327.0$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*dd$	$rgb^*dg$	$rgb^*ds$	$rgb^*de$		
294	300	300	0.0 0.257 1.0	59.7 24.7 -55.4 60.7 294	0.281 0.0 1.0	58.1 33.4 -57.8 66.8 300	0.5 0.0 1.0	0.281 0.0 1.0	58.1 33.4 -57.8 66.8 300	0.5 0.0 1.0	0.281 0.0 1.0	58.1 33.4 -57.8 66.8 300	0.5 0.0 1.0	0.281 0.0 1.0	58.1 33.4 -57.8 66.8 300	0.5 0.0 1.0
295	301	301	0.0 0.207 1.0	58.9 26.4 -56.5 62.5 295	0.331 0.0 1.0	58.5 34.4 -57.2 66.8 301	0.517 0.0 1.0	0.331 0.0 1.0	58.5 34.4 -57.2 66.8 301	0.517 0.0 1.0	0.331 0.0 1.0	58.5 34.4 -57.2 66.8 301	0.517 0.0 1.0	0.331 0.0 1.0	58.5 34.4 -57.2 66.8 301	0.517 0.0 1.0
296	302	302	0.0 0.15 1.0	58.2 28.2 -57.7 64.3 296	0.378 0.0 1.0	58.8 35.4 -56.6 66.9 302	0.533 0.0 1.0	0.378 0.0 1.0	58.8 35.4 -56.6 66.9 302	0.533 0.0 1.0	0.378 0.0 1.0	58.8 35.4 -56.6 66.9 302	0.533 0.0 1.0	0.378 0.0 1.0	58.8 35.4 -56.6 66.9 302	0.533 0.0 1.0
297	303	303	0.0 0.044 1.0	57.4 30.1 -58.9 66.3 297 $B_d$	0.413 0.0 1.0	59.2 36.5 -56.0 66.9 303	0.555 0.0 1.0	0.413 0.0 1.0	59.2 36.5 -56.0 66.9 303	0.555 0.0 1.0	0.413 0.0 1.0	59.2 36.5 -56.0 66.9 303	0.555 0.0 1.0	0.413 0.0 1.0	59.2 36.5 -56.0 66.9 303	0.555 0.0 1.0
298	304	304	0.135 0.0 1.0	57.4 31.4 -58.9 66.8 298	0.448 0.0 1.0	59.5 37.5 -55.4 67.0 304	0.567 0.0 1.0	0.448 0.0 1.0	59.5 37.5 -55.4 67.0 304	0.567 0.0 1.0	0.448 0.0 1.0	59.5 37.5 -55.4 67.0 304	0.567 0.0 1.0	0.448 0.0 1.0	59.5 37.5 -55.4 67.0 304	0.567 0.0 1.0
299	305	305	0.219 0.0 1.0	57.8 32.4 -58.4 66.8 299	0.483 0.0 1.0	59.9 38.5 -54.8 67.0 305	0.583 0.0 1.0	0.483 0.0 1.0	59.9 38.5 -54.8 67.0 305	0.583 0.0 1.0	0.483 0.0 1.0	59.9 38.5 -54.8 67.0 305	0.583 0.0 1.0	0.483 0.0 1.0	59.9 38.5 -54.8 67.0 305	0.583 0.0 1.0
300	306	306	0.281 0.0 1.0	58.1 33.4 -57.8 66.8 300	0.514 0.0 1.0	60.3 39.5 -54.2 67.1 306	0.6 0.0 1.0	0.514 0.0 1.0	60.3 39.5 -54.2 67.1 306	0.6 0.0 1.0	0.514 0.0 1.0	60.3 39.5 -54.2 67.1 306	0.6 0.0 1.0	0.514 0.0 1.0	60.3 39.5 -54.2 67.1 306	0.6 0.0 1.0
301	307	307	0.331 0.0 1.0	58.5 34.4 -57.2 66.8 301	0.541 0.0 1.0	60.6 40.5 -53.6 67.3 307	0.617 0.0 1.0	0.541 0.0 1.0	60.6 40.5 -53.6 67.3 307	0.617 0.0 1.0	0.541 0.0 1.0	60.6 40.5 -53.6 67.3 307	0.617 0.0 1.0	0.541 0.0 1.0	60.6 40.5 -53.6 67.3 307	0.617 0.0 1.0
302	308	308	0.378 0.0 1.0	58.8 35.4 -56.6 66.9 302	0.569 0.0 1.0	61.0 41.5 -53.0 67.4 308	0.633 0.0 1.0	0.569 0.0 1.0	61.0 41.5 -53.0 67.4 308	0.633 0.0 1.0	0.569 0.0 1.0	61.0 41.5 -53.0 67.4 308	0.633 0.0 1.0	0.569 0.0 1.0	61.0 41.5 -53.0 67.4 308	0.633 0.0 1.0
303	309	309	0.413 0.0 1.0	59.2 36.5 -56.0 66.9 303	0.596 0.0 1.0	61.4 42.5 -52.4 67.5 309	0.65 0.0 1.0	0.596 0.0 1.0	61.4 42.5 -52.4 67.5 309	0.65 0.0 1.0	0.596 0.0 1.0	61.4 42.5 -52.4 67.5 309	0.65 0.0 1.0	0.596 0.0 1.0	61.4 42.5 -52.4 67.5 309	0.65 0.0 1.0
304	310	310	0.448 0.0 1.0	59.5 37.5 -55.4 67.0 304	0.624 0.0 1.0	61.8 43.5 -51.7 67.6 310	0.667 0.0 1.0	0.624 0.0 1.0	61.8 43.5 -51.7 67.6 310	0.667 0.0 1.0	0.624 0.0 1.0	61.8 43.5 -51.7 67.6 310	0.667 0.0 1.0	0.624 0.0 1.0	61.8 43.5 -51.7 67.6 310	0.667 0.0 1.0
305	311	311	0.483 0.0 1.0	59.9 38.5 -54.8 67.0 305	0.648 0.0 1.0	62.2 44.5 -51.1 67.8 311	0.683 0.0 1.0	0.648 0.0 1.0	62.2 44.5 -51.1 67.8 311	0.683 0.0 1.0	0.648 0.0 1.0	62.2 44.5 -51.1 67.8 311	0.683 0.0 1.0	0.648 0.0 1.0	62.2 44.5 -51.1 67.8 311	0.683 0.0 1.0
306	312	312	0.514 0.0 1.0	60.3 39.5 -54.2 67.1 306	0.671 0.0 1.0	62.6 45.5 -50.4 68.0 312	0.7 0.0 1.0	0.671 0.0 1.0	62.6 45.5 -50.4 68.0 312	0.7 0.0 1.0	0.671 0.0 1.0	62.6 45.5 -50.4 68.0 312	0.7 0.0 1.0	0.671 0.0 1.0	62.6 45.5 -50.4 68.0 312	0.7 0.0 1.0
307	313	312	0.541 0.0 1.0	60.6 40.5 -53.6 67.3 307	0.695 0.0 1.0	63.0 46.5 -49.8 68.2 313	0.717 0.0 1.0	0.695 0.0 1.0	63.0 46.5 -49.8 68.2 313	0.717 0.0 1.0	0.695 0.0 1.0	63.0 46.5 -49.8 68.2 313	0.717 0.0 1.0	0.695 0.0 1.0	63.0 46.5 -49.8 68.2 313	0.717 0.0 1.0
308	314	313	0.569 0.0 1.0	61.0 41.5 -53.0 67.4 308	0.719 0.0 1.0	63.4 47.5 -49.1 68.4 314	0.733 0.0 1.0	0.719 0.0 1.0	63.4 47.5 -49.1 68.4 314	0.733 0.0 1.0	0.719 0.0 1.0	63.4 47.5 -49.1 68.4 314	0.733 0.0 1.0	0.719 0.0 1.0	63.4 47.5 -49.1 68.4 314	0.733 0.0 1.0
309	315	314	0.596 0.0 1.0	61.4 42.5 -52.4 67.5 309	0.742 0.0 1.0	63.8 48.5 -48.4 68.6 315	0.75 0.0 1.0	0.742 0.0 1.0	63.8 48.5 -48.4 68.6 315	0.75 0.0 1.0	0.742 0.0 1.0	63.8 48.5 -48.4 68.6 315	0.75 0.0 1.0	0.742 0.0 1.0	63.8 48.5 -48.4 68.6 315	0.75 0.0 1.0
310	316	315	0.624 0.0 1.0	61.8 43.5 -51.7 67.6 310	0.765 0.0 1.0	64.2 49.5 -47.7 68.9 316	0.767 0.0 1.0	0.765 0.0 1.0	64.2 49.5 -47.7 68.9 316	0.767 0.0 1.0	0.765 0.0 1.0	64.2 49.5 -47.7 68.9 316	0.767 0.0 1.0	0.765 0.0 1.0	64.2 49.5 -47.7 68.9 316	0.767 0.0 1.0
311	317	316	0.648 0.0 1.0	62.2 44.5 -51.1 67.8 311	0.787 0.0 1.0	64.6 50.6 -47.1 69.1 317	0.783 0.0 1.0	0.787 0.0 1.0	64.6 50.6 -47.1 69.1 317	0.783 0.0 1.0	0.787 0.0 1.0	64.6 50.6 -47.1 69.1 317	0.783 0.0 1.0	0.787 0.0 1.0	64.6 50.6 -47.1 69.1 317	0.783 0.0 1.0
312	318	317	0.671 0.0 1.0	62.6 45.5 -50.4 68.0 312	0.808 0.0 1.0	65.1 51.6 -46.4 69.4 318	0.8 0.0 1.0	0.808 0.0 1.0	65.1 51.6 -46.4 69.4 318	0.8 0.0 1.0	0.808 0.0 1.0	65.1 51.6 -46.4 69.4 318	0.8 0.0 1.0	0.808 0.0 1.0	65.1 51.6 -46.4 69.4 318	0.8 0.0 1.0
313	319	318	0.695 0.0 1.0	63.0 46.5 -49.8 68.2 313	0.83 0.0 1.0	65.5 52.6 -45.6 69.7 319	0.817 0.0 1.0	0.83 0.0 1.0	65.5 52.6 -45.6 69.7 319	0.817 0.0 1.0	0.83 0.0 1.0	65.5 52.6 -45.6 69.7 319	0.817 0.0 1.0	0.83 0.0 1.0	65.5 52.6 -45.6 69.7 319	0.817 0.0 1.0
314	320	319	0.719 0.0 1.0	63.4 47.5 -49.1 68.4 314	0.852 0.0 1.0	65.9 53.6 -44.9 70.0 320	0.833 0.0 1.0	0.852 0.0 1.0	65.9 53.6 -44.9 70.0 320	0.833 0.0 1.0	0.852 0.0 1.0	65.9 53.6 -44.9 70.0 320	0.833 0.0 1.0	0.852 0.0 1.0	65.9 53.6 -44.9 70.0 320	0.833 0.0 1.0
315	321	320	0.742 0.0 1.0	63.8 48.5 -48.4 68.6 315	0.874 0.0 1.0	66.4 54.6 -44.1 70.3 321	0.85 0.0 1.0	0.874 0.0 1.0	66.4 54.6 -44.1 70.3 321	0.85 0.0 1.0	0.874 0.0 1.0	66.4 54.6 -44.1 70.3 321	0.85 0.0 1.0	0.874 0.0 1.0	66.4 54.6 -44.1 70.3 321	0.85 0.0 1.0
316	322	321	0.765 0.0 1.0	64.2 49.5 -47.7 68.9 316	0.895 0.0 1.0	66.8 55.7 -43.4 70.7 322	0.867 0.0 1.0	0.895 0.0 1.0	66.8 55.7 -43.4 70.7 322	0.867 0.0 1.0	0.895 0.0 1.0	66.8 55.7 -43.4 70.7 322	0.867 0.0 1.0	0.895 0.0 1.0	66.8 55.7 -43.4 70.7 322	0.867 0.0 1.0
317	323	322	0.787 0.0 1.0	64.6 50.6 -47.1 69.1 317	0.916 0.0 1.0	67.3 56.8 -42.7 71.1 323	0.883 0.0 1.0	0.916 0.0 1.0	67.3 56.8 -42.7 71.1 323	0.883 0.0 1.0	0.916 0.0 1.0	67.3 56.8 -42.7 71.1 323	0.883 0.0 1.0	0.916 0.0 1.0	67.3 56.8 -42.7 71.1 323	0.883 0.0 1.0
318	324	323	0.808 0.0 1.0	65.1 51.6 -46.4 69.4 318	0.937 0.0 1.0	67.8 57.8 -41.9 71.5 324	0.9 0.0 1.0	0.937 0.0 1.0	67.8 57.8 -41.9 71.5 324	0.9 0.0 1.0	0.937 0.0 1.0	67.8 57.8 -41.9 71.5 324	0.9 0.0 1.0	0.937 0.0 1.0	67.8 57.8 -41.9 71.5 324	0.9 0.0 1.0
319	325	324	0.83 0.0 1.0	65.5 52.6 -45.6 69.7 319	0.958 0.0 1.0	68.3 58.9 -41.1 71.9 325	0.917 0.0 1.0	0.958 0.0 1.0	68.3 58.9 -41.1 71.9 325	0.917 0.0 1.0	0.958 0.0 1.0	68.3 58.9 -41.1 71.9 325	0.917 0.0 1.0	0.958 0.0 1.0	68.3 58.9 -41.1 71.9 325	0.917 0.0 1.0
320	326	325	0.852 0.0 1.0	65.9 53.6 -44.9 70.0 320	0.979 0.0 1.0	68.7 59.9 -40.3 72.3 326	0.933 0.0 1.0	0.979 0.0 1.0	68.7 59.9 -40.3 72.3 326	0.933 0.0 1.0	0.979 0.0 1.0	68.7 59.9 -40.3 72.3 326	0.933 0.0 1.0	0.979 0.0 1.0	68.7 59.9 -40.3 72.3 326	0.933 0.0 1.0
321	327	326	0.874 0.0 1.0	66.4 54.6 -44.1 70.3 321	1.0 0.0 1.0	69.2 61.0 -39.5 72.7 327	0.95 0.0 1.0	1.0 0.0 1.0	69.2 61.0 -39.5 72.7 327	0.95 0.0 1.0	1.0 0.0 1.0	69.2 61.0 -39.5 72.7 327	0.95 0.0 1.0	1.0 0.0 1.0	69.2 61.0 -39.5 72.7 327	0.95 0.0 1.0
322	328	327	0.895 0.0 1.0	66.8 55.7 -43.4 70.7 322	1.0 0.0 1.0	69.81 69.1 60.5 -37.7 71.3 328	0.967 0.0 1.0	1.0 0.0 1.0	69.81 69.1 60.5 -37.7 71.3 328	0.967 0.0 1.0	1.0 0.0 1.0	69.81 69.1 60.5 -37.7 71.3 328	0.967 0.0 1.0	1.0 0.0 1.0	69.81 69.1 60.5 -37.7 71.3 328	0.967 0.0 1.0
323	329	328	0.916 0.0 1.0	67.3 56.8 -42.7 71.1 323	1.0 0.0 1.0	0.962 68.9 60.0 -35.9 70.0 329	0.983 0.0 1.0	1.0 0.0 1.0	0.962 68.9 60.0 -35.9 70.0 329	0.983 0.0 1.0	1.0 0.0 1.0	0.962 68.9 60.0 -35.9 70.0 329	0.983 0.0 1.0	1.0 0.0 1.0	0.962 68.9 60.0 -35.9 70.0 329	0.983 0.0 1.0
324	330	329	0.937 0.0 1.0	67.8 57.8 -41.9 71.5 324	1.0 0.0 1.0	0.943 68.8 59.4 -34.2 68.6 330	1.0 0.0 1.0	1.0 0.0 1.0	0.943 68.8 59.4 -34.2 68.6 330	1.0 0.0 1.0	1.0 0.0 1.0	0.943 68.8 59.4 -34.2 68.6 330	1.0 0.0 1.0	1.0 0.0 1.0	0.943 68.8 59.4 -34.2 68.6 330	1.0 0.0 1.0
325	331	330	0.958 0.0 1.0	68.3 58.9 -41.1 71.9 325	1.0 0.0 1.0	0.924 68.5 58.2 -30.9 65.9 331	0.983 0.0 1.0	1.0 0.0 1.0	0.924 68.5 58.2 -30.9 65.9 331	0.983 0.0 1.0	1.0 0.0 1.0	0.924 68.5 58.2 -30.9 65.9 331	0.983 0.0 1.0	1.0 0.0 1.0	0.924 68.5 58.2 -30.9 65.9 331	0.983 0.0 1.0
326	332	331	0.979 0.0 1.0	68.7 59.9 -40.3 72.3 326	1.0 0.0 1.0	0.905 68.5 58.2 -30.9 65.9 332	0.967 0.0 1.0	1.0 0.0 1.0	0.905 68.5 58.2 -30.9 65.9 332	0.967 0.0 1.0	1.0 0.0 1.0	0.905 68.5 58.2 -30.9 65.9 332	0.967 0.0 1.0	1.0 0.0 1.0	0.905 68.5 58.2 -30.9 65.9 332	0.967 0.0 1.0
327	333	331	1.0 0.0 1.0	69.2 61.0 -39.5 72.7 327	1.0 0.0 1.0	0.886 68.4 57.5 -29.2 64.6 333	0.95 0.0 1.0	1.0 0.0 1.0	0.886 68.4 57.5 -29.2 64.6 333	0.95 0.0 1.0						

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 25.0, 105.5, 140.5, 197.2, 297.3, 327.0$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$		
339	345	343	1.0 0.0 0.795	67.8 55.2 -21.1	59.2 339	73.3 53.2 -14.2	55.1 345	0.0 0.0 0.75	0.0 0.0 0.738	67.4 53.6 -16.3	56.1 343	1.0 0.0 0.75	0.0 0.0 0.75	
340	346	344	1.0 0.0 0.78	67.7 54.8 -19.8	58.3 340	67.2 52.9 -13.1	54.6 346	0.0 0.0 0.733	0.0 0.0 0.725	67.4 53.4 -15.2	55.6 344	1.0 0.0 0.733	0.0 0.0 0.733	
341	347	345	1.0 0.0 0.765	67.6 54.3 -18.6	57.4 341	68.8 57.2 -12.1	54.0 347	0.0 0.0 0.717	0.0 0.0 0.713	67.3 53.2 -14.2	55.1 345	1.0 0.0 0.717	0.0 0.0 0.717	
342	348	346	1.0 0.0 0.75	67.5 53.8 -17.4	56.6 342	67.5 52.4 -11.0	53.5 348	0.0 0.0 0.7	0.0 0.0 0.7	67.2 52.9 -13.1	54.6 346	1.0 0.0 0.7	0.0 0.0 0.7	
343	349	347	1.0 0.0 0.738	67.4 53.6 -16.3	56.1 343	66.3 57.0 52.1	-10.0 53.0 349	0.0 0.0 0.683	0.0 0.0 0.688	67.2 52.7 -12.1	54.0 347	1.0 0.0 0.683	0.0 0.0 0.683	
344	350	348	1.0 0.0 0.725	67.4 53.4 -15.2	55.6 344	65 67.0 51.7	-9.0 52.5 350	0.0 0.0 0.667	0.0 0.0 0.675	67.1 52.4 -11.0	53.5 348	1.0 0.0 0.667	0.0 0.0 0.667	
345	351	349	1.0 0.0 0.713	67.3 53.2 -14.2	55.1 345	638 66.9 51.4	-8.0 52.0 351	0.0 0.0 0.65	0.0 0.0 0.663	67.0 52.1 -10.0	53.0 349	1.0 0.0 0.65	0.0 0.0 0.65	
346	352	349	1.0 0.0 0.7	67.2 52.9 -13.1	54.6 346	625 66.8 51.0	-7.1 51.5 352	0.0 0.0 0.633	0.0 0.0 0.663	67.0 52.1 -10.0	53.0 349	1.0 0.0 0.633	0.0 0.0 0.633	
347	353	350	1.0 0.0 0.688	67.2 52.7 -12.1	54.0 347	613 66.8 50.9	-6.1 51.3 353	0.0 0.0 0.617	0.0 0.0 0.65	67.0 51.7 -9.0	52.5 350	1.0 0.0 0.617	0.0 0.0 0.617	
348	354	351	1.0 0.0 0.675	67.1 52.4 -11.0	53.5 348	601 66.8 50.7	-5.2 51.0 354	0.0 0.0 0.6	0.0 0.0 0.638	66.9 51.4 -8.0	52.0 351	1.0 0.0 0.6	0.0 0.0 0.6	
349	355	352	1.0 0.0 0.663	67.0 52.1 -10.0	53.0 349	589 66.7 50.6	-4.3 50.8 355	0.0 0.0 0.583	0.0 0.0 0.625	66.8 51.0 -7.1	51.5 352	1.0 0.0 0.583	0.0 0.0 0.583	
350	356	353	1.0 0.0 0.65	67.0 51.7 -9.0	52.5 350	578 66.7 50.4	-3.4 50.5 356	0.0 0.0 0.567	0.0 0.0 0.613	66.8 50.9 -6.1	51.3 353	1.0 0.0 0.567	0.0 0.0 0.567	
351	357	354	1.0 0.0 0.638	66.9 51.4 -8.0	52.0 351	566 66.6 50.2	-2.5 50.2 357	0.0 0.0 0.55	0.0 0.0 0.601	66.8 50.7 -5.2	51.0 354	1.0 0.0 0.55	0.0 0.0 0.55	
352	358	355	1.0 0.0 0.625	66.8 51.0 -7.1	51.5 352	554 66.6 50.0	-1.6 50.0 358	0.0 0.0 0.533	0.0 0.0 0.589	66.7 50.6 -4.3	50.8 355	1.0 0.0 0.533	0.0 0.0 0.533	
353	359	356	1.0 0.0 0.613	66.8 50.9 -6.1	51.3 353	542 66.5 49.7	-0.8 49.7 359	0.0 0.0 0.517	0.0 0.0 0.578	66.7 50.4 -3.4	50.5 356	1.0 0.0 0.517	0.0 0.0 0.517	
354	360	357	1.0 0.0 0.601	66.8 50.7 -5.2	51.0 354	53 66.5 49.5	0.0 49.5 0	0.0 0.0 0.5	0.0 0.0 0.566	66.6 50.2 -2.5	50.2 357	1.0 0.0 0.5	0.0 0.0 0.5	
355	361	358	1.0 0.0 0.589	66.7 50.6 -4.3	50.8 355	518 66.4 49.2	0.9 49.2 1	0.0 0.0 0.483	0.0 0.0 0.554	66.6 50.0 -1.6	50.0 358	1.0 0.0 0.483	0.0 0.0 0.483	
356	362	359	1.0 0.0 0.578	66.7 50.4 -3.4	50.5 356	506 66.4 48.9	1.7 49.0 2	0.0 0.0 0.467	0.0 0.0 0.542	66.5 49.7 -0.8	49.7 359	1.0 0.0 0.467	0.0 0.0 0.467	
357	363	360	1.0 0.0 0.566	66.6 50.2 -2.5	50.2 357	494 66.3 48.7	2.6 48.8 3	0.0 0.0 0.45	0.0 0.0 0.53	66.5 49.5 0	0.0 49.5 0	1.0 0.0 0.45	0.0 0.0 0.45	
358	364	361	1.0 0.0 0.554	66.6 50.0 -1.6	50.0 358	481 66.3 48.6	3.4 48.7 4	0.0 0.0 0.433	0.0 0.0 0.518	66.4 49.2 0.9	49.2 1	1.0 0.0 0.433	0.0 0.0 0.433	
359	365	362	1.0 0.0 0.542	66.5 49.7 -0.8	49.7 359	467 66.2 48.5	4.2 48.7 5	0.0 0.0 0.417	0.0 0.0 0.506	66.4 48.9 1.7	49.0 2	1.0 0.0 0.417	0.0 0.0 0.417	
0	366	363	1.0 0.0 0.53	66.5 49.5 0	49.5 0	454 66.2 48.3	5.1 48.6 6	0.0 0.0 0.4	0.0 0.0 0.494	66.3 48.7 2.6	48.8 3	1.0 0.0 0.4	0.0 0.0 0.4	
1	367	364	1.0 0.0 0.518	66.4 49.2 0.9	49.2 1	441 66.2 48.2	5.9 48.5 7	0.0 0.0 0.383	0.0 0.0 0.481	66.3 48.6 3.4	48.7 4	1.0 0.0 0.383	0.0 0.0 0.383	
2	368	365	1.0 0.0 0.506	66.4 48.9 1.7	49.0 2	428 66.1 48.0	6.7 48.4 8	0.0 0.0 0.367	0.0 0.0 0.467	66.2 48.5 4.2	48.7 5	1.0 0.0 0.367	0.0 0.0 0.367	
3	369	366	1.0 0.0 0.494	66.3 48.7 2.6	48.8 3	415 66.1 47.8	7.6 48.4 9	0.0 0.0 0.35	0.0 0.0 0.454	66.2 48.3 5.1	48.6 6	1.0 0.0 0.35	0.0 0.0 0.35	
4	370	367	1.0 0.0 0.481	66.3 48.6 3.4	48.7 4	401 66.0 47.6	8.4 48.3 10	0.0 0.0 0.333	0.0 0.0 0.441	66.2 48.2 5.9	48.5 7	1.0 0.0 0.333	0.0 0.0 0.333	
5	371	367	1.0 0.0 0.467	66.2 48.5 4.2	48.7 5	388 66.0 47.3	9.2 48.2 11	0.0 0.0 0.317	0.0 0.0 0.441	66.2 48.2 5.9	48.5 7	1.0 0.0 0.317	0.0 0.0 0.317	
6	372	368	1.0 0.0 0.454	66.2 48.3 5.1	48.6 6	375 66.0 47.1	10.0 48.2 12	0.0 0.0 0.3	0.0 0.0 0.428	66.1 48.0 6.7	48.4 8	1.0 0.0 0.3	0.0 0.0 0.3	
7	373	369	1.0 0.0 0.441	66.2 48.2 5.9	48.5 7	357 65.9 47.0	10.8 48.2 13	0.0 0.0 0.283	0.0 0.0 0.415	66.1 47.8 7.6	48.4 9	1.0 0.0 0.283	0.0 0.0 0.283	
8	374	370	1.0 0.0 0.428	66.1 48.0 6.7	48.4 8	34 65.9 46.9	11.7 48.3 14	0.0 0.0 0.267	0.0 0.0 0.401	66.0 47.6 8.4	48.3 10	1.0 0.0 0.267	0.0 0.0 0.267	
9	375	371	1.0 0.0 0.415	66.1 47.8 7.6	48.4 9	322 65.9 46.7	12.5 48.4 15	0.0 0.0 0.25	0.0 0.0 0.388	66.0 47.3 9.2	48.2 11	1.0 0.0 0.25	0.0 0.0 0.25	
10	376	372	1.0 0.0 0.401	66.0 47.6 8.4	48.3 10	304 65.8 46.6	13.3 48.4 16	0.0 0.0 0.233	0.0 0.0 0.375	66.0 47.1 10.0	48.2 12	1.0 0.0 0.233	0.0 0.0 0.233	
11	377	373	1.0 0.0 0.388	66.0 47.3 9.2	48.2 11	287 65.8 46.4	14.2 48.5 17	0.0 0.0 0.217	0.0 0.0 0.357	65.9 47.0 10.8	48.2 13	1.0 0.0 0.217	0.0 0.0 0.217	
12	378	374	1.0 0.0 0.375	66.0 47.1 10.0	48.2 12	269 65.8 46.2	15.0 48.6 18	0.0 0.0 0.2	0.0 0.0 0.34	65.9 46.9 11.7	48.3 14	1.0 0.0 0.2	0.0 0.0 0.2	
13	379	375	1.0 0.0 0.357	65.9 47.0 10.8	48.2 13	251 65.7 46.0	15.8 48.6 19	0.0 0.0 0.183	0.0 0.0 0.322	65.9 46.7 12.5	48.4 15	1.0 0.0 0.183	0.0 0.0 0.183	
14	380	376	1.0 0.0 0.34	65.9 46.9 11.7	48.3 14	222 65.7 45.9	16.7 48.8 20	0.0 0.0 0.167	0.0 0.0 0.304	65.8 46.6 13.3	48.4 16	1.0 0.0 0.167	0.0 0.0 0.167	
15	381	377	1.0 0.0 0.322	65.9 46.7 12.5	48.4 15	193 65.7 45.7	17.5 49.0 21	0.0 0.0 0.15	0.0 0.0 0.287	65.8 46.4 14.2	48.5 17	1.0 0.0 0.15	0.0 0.0 0.15	
16	382	378	1.0 0.0 0.304	65.8 46.6 13.3	48.4 16	163 65.6 45.6	18.4 49.1 22	0.0 0.0 0.133	0.0 0.0 0.269	65.8 46.2 15.0	48.6 18	1.0 0.0 0.133	0.0 0.0 0.133	
17	383	379	1.0 0.0 0.287	65.8 46.4 14.2	48.5 17	133 65.6 45.4	19.3 49.3 23	0.0 0.0 0.117	0.0 0.0 0.251	65.7 46.0 15.8	48.6 19	1.0 0.0 0.117	0.0 0.0 0.117	
18	384	380	1.0 0.0 0.269	65.8 46.2 15.0	48.6 18	71 65.6 45.2	20.1 49.5 24	0.0 0.0 0.1	0.0 0.0 0.222	65.7 45.9 16.7	48.8 20	1.0 0.0 0.1	0.0 0.0 0.1	
19	385	381	1.0 0.0 0.251	65.7 46.0 15.8	48.6 19	0.004 0.0 65.5	45.0 21.0 49.7	0.0 0.0 0.083	0.0 0.0 0.193	65.7 45.7 17.5	49.0 21	1.0 0.0 0.083	0.0 0.0 0.083	
20	386	382	1.0 0.0 0.222	65.7 45.9 16.7	48.8 20	0.089 0.0 65.9	44.1 21.5 49.1	0.0 0.0 0.067	0.0 0.0 0.163	65.6 45.6 18.4	49.1 22	1.0 0.0 0.067	0.0 0.0 0.067	
21	387	383	1.0 0.0 0.193	65.7 45.7 17.5	49.0 21	0.143 0.0 66.3	43.2 22.0 48.5	0.0 0.0 0.05	0.0 0.0 0.133	65.6 45.4 19.3	49.3 23	1.0 0.0 0.05	0.0 0.0 0.05	
22	388	384	1.0 0.0 0.163	65.6 45.6 18.4	49.1 22	0.176 0.0 66.6	42.3 22.5 47.9	0.0 0.0 0.033	0.0 0.0 0.071	65.6 45.2 20.1	49.5 24	1.0 0.0 0.033	0.0 0.0 0.033	
23	389	385	1.0 0.0 0.133	65.6 45.4 19.3	49.3 23	0.208 0.0 67.0	41.5 23.0 47.4	0.0 0.0 0.017	0.0 0.0 0.004	65.5 45.0 21.0	49.7 25	1.0 0.0 0.017	0.0 0.0 0.017	
24	390	385	1.0 0.0 0.071	65.6 45.2 20.1	49.5 24	<b>R<sub>d</sub></b>	67.3 40.6 23.4	46.8 30	1.0 0.0 0.0R <sub>s</sub>	1.0 0.0 0.0	65.5 45.0 21.0	49.7 25	1.0 0.0 0.0R <sub>e</sub>	1.0 0.0 0.0R <sub>e</sub>

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 21.9, 107.3, 142.4, 197.9, 293.8, 326.1$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$



Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 21.9, 107.3, 142.4, 197.9, 293.8, 326.1$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd50M$	$LAB^*dd50Mx$ (x=LabCh)	$rgb^*ds50M$	$LAB^*ds50Mx$ (x=LabCh)	$rgb^*s50M$	$rgb^*de50M$	$LAB^*de50Mx$ (x=LabCh)	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
21.9	30.0	25.5	1.0 0.0 0.0	76.4 26.3 10.6 28.3 21.9	1.0 0.307 0.0	78.1 22.5 13.0 26.0 30	1.0 0.0 0.0	1.0 0.186 0.0	77.1 24.7 11.5 27.3 25	1.0 0.0 0.0		
23.3	37.5	33.8	1.0 0.125 0.0	76.7 25.6 11.0 27.8 23.3	1.0 0.422 0.0	79.5 19.3 15.1 24.5 38	1.0 0.125 0.0	1.0 0.378 0.0	78.8 20.7 14.0 25.0 34	1.0 0.125 0.0		
26.8	45.0	42.2	1.0 0.25 0.0	77.5 23.8 12.1 26.7 26.8	1.0 0.499 0.0	80.7 16.6 16.6 23.5 45	1.0 0.25 0.0	1.0 0.466 0.0	80.2 17.8 16.0 23.9 42	1.0 0.25 0.0		
33.8	52.5	50.5	1.0 0.375 0.0	78.8 20.8 13.9 25.1 33.8	1.0 0.561 0.0	82.0 14.0 18.5 23.2 53	1.0 0.375 0.0	1.0 0.546 0.0	81.6 14.6 18.1 23.3 51	1.0 0.375 0.0		
45.1	60.0	58.9	1.0 0.5 0.0	80.7 16.5 16.6 23.5 45.1	1.0 0.615 0.0	83.0 11.5 19.9 23.0 60	1.0 0.5 0.0	1.0 0.608 0.0	82.9 11.9 19.7 23.0 59	1.0 0.5 0.0		
61.2	67.5	67.2	1.0 0.625 0.0	83.2 11.1 20.1 23.0 61.2	1.0 0.671 0.0	84.4 8.9 21.9 23.6 68	1.0 0.625 0.0	1.0 0.664 0.0	84.2 9.2 21.7 23.5 67	1.0 0.625 0.0		
79.5	75.0	75.6	1.0 0.75 0.0	86.3 4.5 24.4 24.8 79.5	1.0 0.719 0.0	85.6 6.3 23.5 24.3 75	1.0 0.75 0.0	1.0 0.726 0.0	85.7 5.9 23.7 24.4 76	1.0 0.75 0.0		
95.5	82.5	84.0	1.0 0.875 0.0	89.9 -2.7 29.2 29.4 95.5	1.0 0.777 0.0	87.1 3.1 25.6 25.8 83	1.0 0.875 0.0	1.0 0.785 0.0	87.3 2.7 25.9 26.1 84	1.0 0.875 0.0		
107.3	90.0	92.3	1.0 1.0 0.0	93.9 -10.7 34.6 36.3 107.3	1.0 0.832 0.0	88.7 0.0 27.8 27.8 90	1.0 1.0 0.0	1.0 0.847 0.0	89.1 -0.9 28.3 28.4 92	1.0 1.0 0.0		
116.9	97.5	101.1	0.875 1.0 0.0	92.8 -16.5 32.9 36.8 116.9	1.0 0.901 0.0	90.7 -4.2 30.5 30.8 98	0.875 1.0 0.0	1.0 0.933 0.0	91.8 -6.1 32.0 32.6 101	0.875 1.0 0.0		
124.8	105.0	109.8	0.75 1.0 0.0	91.8 -21.7 31.4 38.2 124.8	1.0 0.976 0.0	93.1 -8.9 33.7 34.9 105	0.75 1.0 0.0	0.965 1.0 0.0	93.6 -12.4 34.2 36.4 110	0.75 1.0 0.0		
131.0	112.5	118.5	0.625 1.0 0.0	91.0 -26.1 30.2 40.0 131.0	0.925 1.0 0.0	93.2 -14.2 33.7 36.6 113	0.625 1.0 0.0	0.841 1.0 0.0	92.5 -17.9 32.5 37.2 119	0.625 1.0 0.0		
135.6	120.0	127.3	0.5 1.0 0.0	90.3 -29.7 29.2 41.7 135.6	0.826 1.0 0.0	92.4 -18.6 32.4 37.4 120	0.5 1.0 0.0	0.706 1.0 0.0	91.5 -23.3 31.0 38.8 127	0.5 1.0 0.0		
138.8	127.5	136.0	0.375 1.0 0.0	89.9 -32.4 28.5 43.2 138.8	0.686 1.0 0.0	91.4 -24.0 30.8 39.1 128	0.375 1.0 0.0	0.484 1.0 0.0	90.3 -30.1 29.1 41.9 136	0.375 1.0 0.0		
140.8	135.0	144.7	0.25 1.0 0.0	89.6 -34.3 28.0 44.3 140.8	0.516 1.0 0.0	90.4 -29.2 29.3 41.5 135	0.25 1.0 0.0	0.0 0.299 0.0	89.4 -34.6 24.3 42.4 145	0.25 1.0 0.0		
141.9	142.5	153.5	0.125 1.0 0.0	89.4 -35.3 27.7 45.0 141.9	0.0 1.0 0.141 0.89.4	-35.5 26.8 44.5 143	0.125 1.0 0.0	0.0 0.1 0.558 0.89.8	-31.8 16.3 35.8 153	0.125 1.0 0.0		
142.4	150.0	162.2	0.0 1.0 0.0	89.3 -35.7 27.6 45.3 142.4	0.0 1.0 0.492 0.89.7	-32.7 18.9 37.9 150	0.0 1.0 0.0	0.0 1.0 0.706 0.90.1	-29.3 9.5 30.9 162	0.0 1.0 0.0		
142.8	157.5	169.1	0.0 1.0 0.125	89.3 -35.5 27.0 44.7 142.8	0.0 1.0 0.65 0.89.9	-30.3 12.3 32.8 158	0.0 1.0 0.125 0.0	1.0 0.1 0.785 0.90.3	-27.6 5.4 28.3 169	0.0 1.0 0.125		
144.1	165.0	175.9	0.0 1.0 0.25	89.4 -35.0 25.4 43.3 144.1	0.0 1.0 0.747 0.90.2	-28.3 7.6 29.4 165	0.0 1.0 0.25 0.0	1.0 0.1 0.849 0.90.4	-26.1 1.8 26.2 176	0.0 1.0 0.25		
146.4	172.5	182.8	0.0 1.0 0.375	89.5 -34.0 22.7 41.0 146.4	0.0 1.0 0.822 0.90.4	-26.8 3.3 27.1 173	0.0 1.0 0.375 0.0	1.0 0.1 0.903 0.90.6	-24.8 -1.2 24.9 183	0.0 1.0 0.375		
150.2	180.0	189.6	0.0 1.0 0.5	89.7 -32.6 18.7 37.7 150.2	0.0 1.0 0.883 0.90.5	-25.2 0.0 25.3 180	0.0 1.0 0.5 0.0	1.0 0.1 0.948 0.90.8	-23.6 -4.1 24.1 190	0.0 1.0 0.5		
156.2	187.5	196.4	0.0 1.0 0.625	89.9 -30.7 13.6 33.7 156.2	0.0 1.0 0.935 0.90.7	-24.0 -3.3 24.3 188	0.0 1.0 0.625 0.0	1.0 0.1 0.988 0.90.9	-22.3 -6.3 23.3 196	0.0 1.0 0.625		
165.2	195.0	203.3	0.0 1.0 0.75	90.2 -28.3 7.5 29.3 165.2	0.0 1.0 0.981 0.90.9	-22.6 -6.0 23.5 195	0.0 1.0 0.75 0.0	0.975 1.0 0.1 0.901 0.0	-20.5 -8.6 22.4 203	0.0 1.0 0.75		
178.8	202.5	210.1	0.0 1.0 0.875	90.5 -25.3 0.5 25.4 178.8	0.0 0.975 1.0 0.90.1	-20.5 -8.6 22.4 203	0.0 1.0 0.875 0.0	0.941 1.0 0.1 0.88.9	-18.4 -10.6 21.4 210	0.0 1.0 0.875		
197.9	210.0	217.0	0.0 1.0 1.0	90.9 -21.9 -7.0 23.1 197.9	0.0 0.941 1.0 0.88.9	-18.4 -10.6 21.4 210	0.0 1.0 0.0 0.908 1.0	0.87.8 -16.2 -12.2 20.4 217	0.0 1.0 1.0			
223.7	217.5	223.8	0.0 0.875 1.0	86.7 -14.0 -13.4 19.5 223.7	0.0 0.903 1.0 0.87.6	-15.9 -12.4 20.3 218	0.0 0.875 1.0 0.0 0.874 1.0	0.86.6 -13.9 -13.4 19.5 224	0.0 0.875 1.0			
250.8	225.0	230.7	0.0 0.75 1.0	82.8 -6.6 -19.1 20.3 250.8	0.0 0.869 1.0 0.86.5	-13.7 -13.7 19.5 225	0.0 0.75 1.0 0.0 0.841 1.0	0.85.6 -12.3 -15.2 19.7 231	0.0 0.75 1.0			
269.9	232.5	237.5	0.0 0.625 1.0	79.5 0.0 -24.1 24.2 269.9	0.0 0.832 1.0 0.85.3	-11.8 -15.7 19.8 233	0.0 0.625 1.0 0.0 0.809 1.0	0.84.6 -10.5 -16.8 19.9 238	0.0 0.625 1.0			
281.1	240.0	244.4	0.0 0.5 1.0	76.8 5.6 -28.3 28.9 281.1	0.0 0.8 1.0 0.84.4	-9.9 -17.2 20.0 240	0.0 0.5 1.0 0.0 0.781 1.0	0.83.8 -8.7 -18.0 20.1 244	0.0 0.5 1.0			
287.6	247.5	251.2	0.0 0.375 1.0	74.7 10.1 -31.5 33.2 287.6	0.0 0.763 1.0 0.83.2	-7.5 -18.7 20.3 248	0.0 0.375 1.0 0.0 0.749 1.0	0.82.8 -6.5 -19.2 20.4 251	0.0 0.375 1.0			
291.3	255.0	258.0	0.0 0.25 1.0	73.3 13.2 -33.8 36.3 291.3	0.0 0.722 1.0 0.82.1	-5.4 -20.4 21.2 255	0.0 0.25 1.0 0.0 0.703 1.0	0.81.6 -4.4 -21.2 21.8 258	0.0 0.25 1.0			
293.1	262.5	264.9	0.0 0.125 1.0	72.4 15.0 -35.0 38.2 293.1	0.0 0.67 1.0 0.80.7	-2.7 -22.6 22.8 263	0.0 0.125 1.0 0.0 0.657 1.0	0.80.4 -9.1 -23.1 23.2 265	0.0 0.125 1.0			
293.8	270.0	271.7	0.0 0.0 1.0	72.1 15.8 -35.6 39.0 293.8	0.0 0.624 1.0 0.79.5	0.0 -24.2 24.3 270	0.0 0.0 1.0 0.0 0.601 1.0	0.79.0 0.9 -25.0 25.1 272	0.0 0.0 1.0			
294.4	277.5	278.8	0.125 0.0 1.0	72.2 16.1 -35.4 39.0 294.4	0.0 0.535 1.0 0.77.6	3.8 -27.3 27.6 278	0.125 0.0 1.0 0.0 0.524 1.0	0.77.3 4.4 -27.6 28.1 279	0.125 0.0 1.0			
295.9	285.0	286.0	0.25 0.0 1.0	72.4 17.1 -35.0 39.0 295.9	0.0 0.426 1.0 0.75.6	8.1 -30.3 31.5 285	0.25 0.0 1.0 0.0 0.407 1.0	0.75.2 8.9 -30.8 32.1 286	0.25 0.0 1.0			
298.6	292.5	293.1	0.375 0.0 1.0	72.9 18.7 -34.3 39.1 298.6	0.0 0.135 1.0 0.72.5	14.9 -34.9 38.1 293	0.375 0.0 1.0 0.0 0.135 1.0	0.72.5 14.9 -34.9 38.1 293	0.375 0.0 1.0			
302.4	300.0	300.2	0.5 0.0 1.0	73.5 21.1 -33.2 39.4 302.4	0.422 0.0 1.0 0.73.1	19.6 -33.9 39.2 300	0.5 0.0 1.0 0.0 0.422 0.0	0.73.1 19.6 -33.9 39.2 300	0.5 0.0 1.0			
307.3	307.5	307.3	0.625 0.0 1.0	74.4 24.2 -31.8 40.0 307.3	0.64 0.0 1.0 0.74.6	24.7 -31.6 40.2 308	0.625 0.0 1.0 0.0 0.618 0.0	0.74.4 24.1 -31.8 40.0 307	0.625 0.0 1.0			
313.1	315.0	314.4	0.75 0.0 1.0	75.6 28.1 -29.9 41.1 313.1	0.787 0.0 1.0 0.76.0	29.4 -29.3 41.6 315	0.75 0.0 1.0 0.0 0.768 0.0	0.75.7 28.7 -29.7 41.4 314	0.75 0.0 1.0			
319.5	322.5	321.5	0.875 0.0 1.0	76.9 32.5 -27.7 42.8 319.5	0.942 0.0 1.0 0.77.8	35.2 -26.4 44.1 323	0.875 0.0 1.0 0.0 0.904 0.0	0.77.3 33.7 -27.2 43.4 321	0.875 0.0 1.0			
326.1	330.0	328.6	1.0 0.0 1.0	78.5 37.5 -25.2 45.2 326.1	1.0 0.0 0.932 0.78.2	36.2 -20.8 41.8 330	1.0 0.0 1.0 0.0 0.949 0.78.3	0.78.6 -21.9 42.6 329	1.0 0.0 1.0			
333.3	337.5	335.7	1.0 0.0 0.875	78.0 34.7 -17.4 38.9 333.3	1.0 0.0 0.809 0.77.7	33.6 -13.5 36.3 338	1.0 0.0 0.875 0.0	0.837 0.77.8 34.1 -15.1 37.4 336	1.0 0.0 0.875			
342.2	345.0	342.8	1.0 0.0 0.75	77.5 32.3 -10.3 34.0 342.2	1.0 0.0 0.715 0.77.4	31.9 -8.5 33.0 345	1.0 0.0 0.75 1.0 0.0 0.74 0.77.5	0.732 -9.8 33.7 343	1.0 0.0 0.75			
352.3	352.5	349.9	1.0 0.0 0.625	77.2 30.4 -4.0 30.6 352.3	1.0 0.0 0.617 0.77.1	30.3 -3.6 30.5 353	1.0 0.0 0.625 1.0 0.0 0.654 0.77.2	0.70.9 -5.4 31.4 350	1.0 0.0 0.625			
362.4	360.0	357.0	1.0 0.0 0.5	76.9 28.8 1.2 28.8 362.4	1.0 0.0 0.529 0.76.9	29.3 0.0 29.3 0	1.0 0.0 0.5 1.0 0.0 0.567 0.77.0	0.72.8 -1.5 29.8 357	1.0 0.0 0.5			
370.9	367.5	364.2	1.0 0.0 0.375	76.7 27.7 5.3 28.2 370.9	1.0 0.0 0.417 0.76.7	28.1 4.0 28.4 8	1.0 0.0 0.375 1.0 0.0 0.476 0.76.8	0.72.6 2.0 28.7 4	1.0 0.0 0.375			
377.0	375.0	371.3	1.0 0.0 0.25	76.5 26.9 8.2 28.1 377.0	1.0 0.0 0.291 0.76.6	27.2 7.3 28.1 15	1.0 0.0 0.25 1.0 0.0 0.373 0.76.7	0.72.6 5.4 28.2 11	1.0 0.0 0.25			
380.5	382.5	378.4	1.0 0.0 0.125	76.5 26.4 9.9 28.2 380.5	1.0 0.102 0.0 0.76.7	25.7 10.9 27.9 23	1.0 0.0 0.125 1.0 0.0 0.214 0.76.5	0.72.6 8.7 28.1 18	1.0 0.0 0.125			
381.9	390.0	385.5	1.0 0.0 0.0	76.4 26.3 10.6 28.3 381.9	1.0 0.307 0.0 0.78.1	22.5 13.0 26.0 30	1.0 0.0 0.0 1.0 0.0 0.186 0.0	0.77.1 24.7 11.5 27.3 25	1.0 0.0 0.0			

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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: $h_{ab,d} = 21.9, 107.3, 142.4, 197.9, 293.8, 326.1$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$													
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
21	30	25	1.0 0.0 0.081	76.4 26.4 10.1	28.3 21 $R_d$	1.0 0.307 0.0	78.1 22.5 13.0	26.0 30	1.0 0.0 0.0 $R_s$	1.0 0.186 0.0	77.1 24.7 11.5	27.3 25	1.0 0.0 0.0 $R_e$
22	31	27	1.0 0.009 0.0	76.4 26.2 10.6	28.3 22	1.0 0.325 0.0	78.3 22.0 13.2	25.7 31	1.0 0.017 0.0	1.0 0.253 0.0	77.5 23.8 12.1	26.7 27	1.0 0.017 0.0
23	32	28	1.0 0.102 0.0	76.7 25.7 10.9	27.9 23	1.0 0.343 0.0	78.5 21.6 13.5	25.5 32	1.0 0.033 0.0	1.0 0.271 0.0	77.7 23.3 12.4	26.4 28	1.0 0.033 0.0
24	33	29	1.0 0.151 0.0	76.9 25.2 11.2	27.6 24	1.0 0.361 0.0	78.7 21.2 13.7	25.2 33	1.0 0.05 0.0	1.0 0.289 0.0	77.9 22.9 12.7	26.2 29	1.0 0.05 0.0
25	34	30	1.0 0.186 0.0	77.1 24.7 11.5	27.3 25	1.0 0.378 0.0	78.8 20.7 14.0	25.0 34	1.0 0.067 0.0	1.0 0.307 0.0	78.1 22.5 13.0	26.0 30	1.0 0.067 0.0
26	35	31	1.0 0.221 0.0	77.3 24.2 11.8	27.0 26	1.0 0.389 0.0	79.0 20.4 14.3	24.9 35	1.0 0.083 0.0	1.0 0.325 0.0	78.3 22.0 13.2	25.7 31	1.0 0.083 0.0
27	36	32	1.0 0.253 0.0	77.5 23.8 12.1	26.7 27	1.0 0.4 0.0	79.2 20.0 14.5	24.7 36	1.0 0.1 0.0	1.0 0.343 0.0	78.5 21.6 13.5	25.5 32	1.0 0.1 0.0
28	37	33	1.0 0.271 0.0	77.7 23.3 12.4	26.4 28	1.0 0.411 0.0	79.3 19.7 14.8	24.6 37	1.0 0.117 0.0	1.0 0.361 0.0	78.7 21.2 13.7	25.2 33	1.0 0.117 0.0
29	38	34	1.0 0.289 0.0	77.9 22.9 12.7	26.2 29	1.0 0.422 0.0	79.5 19.3 15.1	24.5 38	1.0 0.133 0.0	1.0 0.378 0.0	78.8 20.7 14.0	25.0 34	1.0 0.133 0.0
30	39	36	1.0 0.307 0.0	78.1 22.5 13.0	26.0 30	1.0 0.433 0.0	79.7 18.9 15.3	24.3 39	1.0 0.15 0.0	1.0 0.4 0.0	79.2 20.0 14.5	24.7 36	1.0 0.15 0.0
31	40	37	1.0 0.325 0.0	78.3 22.0 13.2	25.7 31	1.0 0.444 0.0	79.9 18.5 15.5	24.2 40	1.0 0.167 0.0	1.0 0.411 0.0	79.3 19.7 14.8	24.6 37	1.0 0.167 0.0
32	41	38	1.0 0.343 0.0	78.5 21.6 13.5	25.5 32	1.0 0.455 0.0	80.0 18.1 15.8	24.0 41	1.0 0.183 0.0	1.0 0.422 0.0	79.5 19.3 15.1	24.5 38	1.0 0.183 0.0
33	42	39	1.0 0.361 0.0	78.7 21.2 13.7	25.2 33	1.0 0.466 0.0	80.2 17.8 16.0	23.9 42	1.0 0.2 0.0	1.0 0.433 0.0	79.7 18.9 15.3	24.3 39	1.0 0.2 0.0
34	43	40	1.0 0.378 0.0	78.8 20.7 14.0	25.0 34	1.0 0.477 0.0	80.4 17.4 16.2	23.8 43	1.0 0.217 0.0	1.0 0.444 0.0	79.9 18.5 15.5	24.2 40	1.0 0.217 0.0
35	44	41	1.0 0.389 0.0	79.0 20.4 14.3	24.9 35	1.0 0.488 0.0	80.5 17.0 16.4	23.6 44	1.0 0.233 0.0	1.0 0.455 0.0	80.0 18.1 15.8	24.0 41	1.0 0.233 0.0
36	45	42	1.0 0.4 0.0	79.2 20.0 14.5	24.7 36	1.0 0.499 0.0	80.7 16.6 16.6	23.5 45	1.0 0.25 0.0	1.0 0.466 0.0	80.2 17.8 16.0	23.9 42	1.0 0.25 0.0
37	46	43	1.0 0.411 0.0	79.3 19.7 14.8	24.6 37	1.0 0.507 0.0	80.9 16.3 16.9	23.4 46	1.0 0.267 0.0	1.0 0.477 0.0	80.4 17.4 16.2	23.8 43	1.0 0.267 0.0
38	47	44	1.0 0.422 0.0	79.5 19.3 15.1	24.5 38	1.0 0.514 0.0	81.0 16.0 17.1	23.4 47	1.0 0.283 0.0	1.0 0.488 0.0	80.5 17.0 16.4	23.6 44	1.0 0.283 0.0
39	48	46	1.0 0.433 0.0	79.7 18.9 15.3	24.3 39	1.0 0.522 0.0	81.2 15.6 17.4	23.4 48	1.0 0.3 0.0	1.0 0.507 0.0	80.9 16.3 16.9	23.4 46	1.0 0.3 0.0
40	49	47	1.0 0.444 0.0	79.9 18.5 15.5	24.2 40	1.0 0.53 0.0	81.3 15.3 17.6	23.3 49	1.0 0.317 0.0	1.0 0.514 0.0	81.0 16.0 17.1	23.4 47	1.0 0.317 0.0
41	50	48	1.0 0.455 0.0	80.0 18.1 15.8	24.0 41	1.0 0.538 0.0	81.5 15.0 17.9	23.3 50	1.0 0.333 0.0	1.0 0.522 0.0	81.2 15.6 17.4	23.4 48	1.0 0.333 0.0
42	51	49	1.0 0.466 0.0	80.2 17.8 16.0	23.9 42	1.0 0.546 0.0	81.6 14.6 18.1	23.3 51	1.0 0.35 0.0	1.0 0.53 0.0	81.3 15.3 17.6	23.3 49	1.0 0.35 0.0
43	52	50	1.0 0.477 0.0	80.4 17.4 16.2	23.8 43	1.0 0.553 0.0	81.8 14.3 18.3	23.2 52	1.0 0.367 0.0	1.0 0.538 0.0	81.5 15.0 17.9	23.3 50	1.0 0.367 0.0
44	53	51	1.0 0.488 0.0	80.5 17.0 16.4	23.6 44	1.0 0.561 0.0	82.0 14.0 18.5	23.2 53	1.0 0.383 0.0	1.0 0.546 0.0	81.6 14.6 18.1	23.3 51	1.0 0.383 0.0
45	54	52	1.0 0.499 0.0	80.7 16.6 16.6	23.5 45	1.0 0.569 0.0	82.1 13.6 18.8	23.2 54	1.0 0.4 0.0	1.0 0.553 0.0	81.8 14.3 18.3	23.2 52	1.0 0.4 0.0
46	55	53	1.0 0.507 0.0	80.9 16.3 16.9	23.4 46	1.0 0.577 0.0	82.3 13.3 19.0	23.2 55	1.0 0.417 0.0	1.0 0.561 0.0	82.0 14.0 18.5	23.2 53	1.0 0.417 0.0
47	56	54	1.0 0.514 0.0	81.0 16.0 17.1	23.4 47	1.0 0.584 0.0	82.4 12.9 19.2	23.1 56	1.0 0.433 0.0	1.0 0.569 0.0	82.1 13.6 18.8	23.2 54	1.0 0.433 0.0
48	57	56	1.0 0.522 0.0	81.2 15.6 17.4	23.4 48	1.0 0.592 0.0	82.6 12.6 19.4	23.1 57	1.0 0.45 0.0	1.0 0.584 0.0	82.4 12.9 19.2	23.1 56	1.0 0.45 0.0
49	58	57	1.0 0.53 0.0	81.3 15.3 17.6	23.3 49	1.0 0.6 0.0	82.7 12.2 19.6	23.1 58	1.0 0.467 0.0	1.0 0.592 0.0	82.6 12.6 19.4	23.1 57	1.0 0.467 0.0
50	59	58	1.0 0.538 0.0	81.5 15.0 17.9	23.3 50	1.0 0.608 0.0	82.9 11.9 19.7	23.0 59	1.0 0.483 0.0	1.0 0.6 0.0	82.7 12.2 19.6	23.1 58	1.0 0.483 0.0
51	60	59	1.0 0.546 0.0	81.6 14.6 18.1	23.3 51	1.0 0.615 0.0	83.0 11.5 19.9	23.0 60	1.0 0.5 0.0	1.0 0.608 0.0	82.9 11.9 19.7	23.0 59	1.0 0.5 0.0
52	61	60	1.0 0.553 0.0	81.8 14.3 18.3	23.2 52	1.0 0.623 0.0	83.2 11.1 20.1	23.0 61	1.0 0.517 0.0	1.0 0.615 0.0	83.0 11.5 19.9	23.0 60	1.0 0.517 0.0
53	62	61	1.0 0.561 0.0	82.0 14.0 18.5	23.2 53	1.0 0.63 0.0	83.4 10.8 20.3	23.0 62	1.0 0.533 0.0	1.0 0.623 0.0	83.2 11.1 20.1	23.0 61	1.0 0.533 0.0
54	63	62	1.0 0.569 0.0	82.1 13.6 18.8	23.2 54	1.0 0.637 0.0	83.5 10.5 20.6	23.1 63	1.0 0.55 0.0	1.0 0.63 0.0	83.4 10.8 20.3	23.0 62	1.0 0.55 0.0
55	64	63	1.0 0.577 0.0	82.3 13.3 19.0	23.2 55	1.0 0.644 0.0	83.7 10.2 20.9	23.2 64	1.0 0.567 0.0	1.0 0.637 0.0	83.5 10.5 20.6	23.1 63	1.0 0.567 0.0
56	65	64	1.0 0.584 0.0	82.4 12.9 19.2	23.1 56	1.0 0.651 0.0	83.9 9.9 21.1	23.3 65	1.0 0.583 0.0	1.0 0.644 0.0	83.7 10.2 20.9	23.2 64	1.0 0.583 0.0
57	66	65	1.0 0.592 0.0	82.6 12.6 19.4	23.1 57	1.0 0.658 0.0	84.0 9.5 21.4	23.4 66	1.0 0.6 0.0	1.0 0.658 0.0	84.0 9.5 21.4	23.4 66	1.0 0.6 0.0
58	67	67	1.0 0.6 0.0	82.7 12.2 19.6	23.1 58	1.0 0.664 0.0	84.2 9.2 21.7	23.5 67	1.0 0.617 0.0	1.0 0.664 0.0	84.2 9.2 21.7	23.5 67	1.0 0.617 0.0
59	68	68	1.0 0.608 0.0	82.9 11.9 19.7	23.0 59	1.0 0.671 0.0	84.4 8.9 21.9	23.6 68	1.0 0.633 0.0	1.0 0.671 0.0	84.4 8.9 21.9	23.6 68	1.0 0.633 0.0
60	69	69	1.0 0.615 0.0	83.0 11.5 19.9	23.0 60	1.0 0.678 0.0	84.5 8.5 22.2	23.7 69	1.0 0.65 0.0	1.0 0.678 0.0	84.5 8.5 22.2	23.7 69	1.0 0.65 0.0
61	70	70	1.0 0.623 0.0	83.2 11.1 20.1	23.0 61	1.0 0.685 0.0	84.7 8.2 22.4	23.8 70	1.0 0.667 0.0	1.0 0.685 0.0	84.7 8.2 22.4	23.8 70	1.0 0.667 0.0
62	71	71	1.0 0.63 0.0	83.4 10.8 20.3	23.0 62	1.0 0.692 0.0	84.9 7.8 22.6	23.9 71	1.0 0.683 0.0	1.0 0.692 0.0	84.9 7.8 22.6	23.9 71	1.0 0.683 0.0
63	72	72	1.0 0.637 0.0	83.5 10.5 20.6	23.1 63	1.0 0.699 0.0	85.1 7.4 22.9	24.0 72	1.0 0.7 0.0	1.0 0.699 0.0	85.1 7.4 22.9	24.0 72	1.0 0.7 0.0
64	73	73	1.0 0.644 0.0	83.7 10.2 20.9	23.2 64	1.0 0.706 0.0	85.2 7.1 23.1	24.1 73	1.0 0.717 0.0	1.0 0.706 0.0	85.2 7.1 23.1	24.1 73	1.0 0.717 0.0
65	74	74	1.0 0.651 0.0	83.9 9.9 21.1	23.3 65	1.0 0.712 0.0	85.4 6.7 23.3	24.2 74	1.0 0.733 0.0	1.0 0.712 0.0	85.4 6.7 23.3	24.2 74	1.0 0.733 0.0
66	75	76	1.0 0.658 0.0	84.0 9.5 21.4	23.4 66	1.0 0.719 0.0	85.6 6.3 23.5	24.3 75	1.0 0.75 0.0	1.0 0.726 0.0	85.7 5.9 23.7	24.4 76	1.0 0.75 0.0

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 21.9, 107.3, 142.4, 197.9, 293.8, 326.1$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
66	75	76	1.0 0.658 0.0	84.0 9.5 21.4 23.4 66	1.0 0.719 0.0	85.6 6.3 23.5 24.3 75	1.0 0.75 0.0	1.0 0.726 0.0	85.7 5.9 23.7 24.4 76	1.0 0.75 0.0		
67	76	77	1.0 0.664 0.0	84.2 9.2 21.7 23.5 67	1.0 0.726 0.0	85.7 5.9 23.7 24.4 76	1.0 0.767 0.0	1.0 0.733 0.0	85.9 5.5 23.9 24.5 77	1.0 0.767 0.0		
68	77	78	1.0 0.671 0.0	84.4 8.9 21.9 23.6 68	1.0 0.733 0.0	85.9 5.5 23.9 24.5 77	1.0 0.783 0.0	1.0 0.74 0.0	86.1 5.1 24.1 24.6 78	1.0 0.783 0.0		
69	78	79	1.0 0.678 0.0	84.5 8.5 22.2 23.7 69	1.0 0.74 0.0	86.1 5.1 24.1 24.6 78	1.0 0.8 0.0	1.0 0.747 0.0	86.2 4.7 24.3 24.7 79	1.0 0.8 0.0		
70	79	80	1.0 0.685 0.0	84.7 8.2 22.4 23.8 70	1.0 0.747 0.0	86.2 4.7 24.3 24.7 79	1.0 0.817 0.0	1.0 0.754 0.0	86.4 4.3 24.5 24.9 80	1.0 0.817 0.0		
71	80	81	1.0 0.692 0.0	84.9 7.8 22.6 23.9 71	1.0 0.754 0.0	86.4 4.3 24.5 24.9 80	1.0 0.833 0.0	1.0 0.762 0.0	86.7 3.9 24.9 25.2 81	1.0 0.833 0.0		
72	81	82	1.0 0.699 0.0	85.1 7.4 22.9 24.0 72	1.0 0.762 0.0	86.7 3.9 24.9 25.2 81	1.0 0.85 0.0	1.0 0.77 0.0	86.9 3.5 25.2 25.5 82	1.0 0.85 0.0		
73	82	83	1.0 0.706 0.0	85.2 7.1 23.1 24.1 73	1.0 0.77 0.0	86.9 3.5 25.2 25.5 82	1.0 0.867 0.0	1.0 0.777 0.0	87.1 3.1 25.6 25.8 83	1.0 0.867 0.0		
74	83	85	1.0 0.712 0.0	85.4 6.7 23.3 24.2 74	1.0 0.777 0.0	87.1 3.1 25.6 25.8 83	1.0 0.883 0.0	1.0 0.793 0.0	87.5 2.3 26.3 26.4 85	1.0 0.883 0.0		
75	84	86	1.0 0.719 0.0	85.6 6.3 23.5 24.3 75	1.0 0.785 0.0	87.3 2.7 25.9 26.1 84	1.0 0.9 0.0	1.0 0.801 0.0	87.8 1.9 26.6 26.6 86	1.0 0.9 0.0		
76	85	87	1.0 0.726 0.0	85.7 5.9 23.7 24.4 76	1.0 0.793 0.0	87.5 2.3 26.3 26.4 85	1.0 0.917 0.0	1.0 0.809 0.0	88.0 1.4 26.9 26.9 87	1.0 0.917 0.0		
77	86	88	1.0 0.733 0.0	85.9 5.5 23.9 24.5 77	1.0 0.801 0.0	87.8 1.9 26.6 26.6 86	1.0 0.933 0.0	1.0 0.816 0.0	88.2 0.9 27.2 27.2 88	1.0 0.933 0.0		
78	87	89	1.0 0.74 0.0	86.1 5.1 24.1 24.6 78	1.0 0.809 0.0	88.0 1.4 26.9 26.9 87	1.0 0.95 0.0	1.0 0.824 0.0	88.4 0.5 27.5 27.5 89	1.0 0.95 0.0		
79	88	90	1.0 0.747 0.0	86.2 4.7 24.3 24.7 79	1.0 0.816 0.0	88.2 0.9 27.2 27.2 88	1.0 0.967 0.0	1.0 0.832 0.0	88.7 0.0 27.8 27.8 90	1.0 0.967 0.0		
80	89	91	1.0 0.754 0.0	86.4 4.3 24.5 24.9 80	1.0 0.824 0.0	88.4 0.5 27.5 27.5 89	1.0 0.983 0.0	1.0 0.84 0.0	88.9 0.4 28.1 28.1 91	1.0 0.983 0.0		
81	90	92	1.0 0.762 0.0	86.7 3.9 24.9 25.2 81	1.0 0.832 0.0	88.7 0.0 27.8 27.8 90	1.0 1.0 0.0 $0J_s$	1.0 0.847 0.0	89.1 0.9 28.3 28.4 92	1.0 1.0 0.0 $0J_e$		
82	91	93	1.0 0.77 0.0	86.9 3.5 25.2 25.5 82	1.0 0.84 0.0	88.9 -0.4 28.1 28.1 91	1.0 0.983 1.0 0.0	1.0 0.855 0.0	89.3 -1.4 28.6 28.6 93	1.0 0.983 1.0 0.0		
83	92	95	1.0 0.777 0.0	87.1 3.1 25.6 25.8 83	1.0 0.847 0.0	89.1 -0.9 28.3 28.4 92	1.0 0.967 1.0 0.0	1.0 0.871 0.0	89.8 -2.4 29.1 29.2 95	1.0 0.967 1.0 0.0		
84	93	96	1.0 0.785 0.0	87.3 2.7 25.9 26.1 84	1.0 0.855 0.0	89.3 -1.4 28.6 28.6 93	1.0 0.95 1.0 0.0	1.0 0.88 0.0	90.1 -3.0 29.5 29.6 96	1.0 0.95 1.0 0.0		
85	94	97	1.0 0.793 0.0	87.5 2.3 26.3 26.4 85	1.0 0.863 0.0	89.6 -1.9 28.9 28.9 94	1.0 0.933 1.0 0.0	1.0 0.891 0.0	90.4 -3.6 30.0 30.2 97	1.0 0.933 1.0 0.0		
86	95	98	1.0 0.801 0.0	87.8 1.9 26.6 26.6 86	1.0 0.871 0.0	89.8 -2.4 29.1 29.2 95	1.0 0.917 1.0 0.0	1.0 0.901 0.0	90.7 -4.2 30.5 30.8 98	1.0 0.917 1.0 0.0		
87	96	99	1.0 0.809 0.0	88.0 1.4 26.9 26.9 87	1.0 0.88 0.0	90.1 -3.0 29.5 29.6 96	1.0 0.9 1.0 0.0	1.0 0.912 0.0	91.1 -4.8 31.0 31.4 99	1.0 0.9 1.0 0.0		
88	97	100	1.0 0.816 0.0	88.2 0.9 27.2 27.2 88	1.0 0.891 0.0	90.4 -3.6 30.0 30.2 97	1.0 0.883 1.0 0.0	1.0 0.922 0.0	91.4 -5.5 31.5 32.0 100	1.0 0.883 1.0 0.0		
89	98	102	1.0 0.824 0.0	88.4 0.5 27.5 27.5 89	1.0 0.901 0.0	90.7 -4.2 30.5 30.8 98	1.0 0.867 1.0 0.0	1.0 0.944 0.0	92.1 -6.8 32.4 33.2 102	1.0 0.867 1.0 0.0		
90	99	103	1.0 0.832 0.0	88.7 0.0 27.8 27.8 90	1.0 0.912 0.0	91.1 -4.8 31.0 31.4 99	1.0 0.85 1.0 0.0	1.0 0.954 0.0	92.5 -7.5 32.9 33.8 103	1.0 0.85 1.0 0.0		
91	100	104	1.0 0.84 0.0	88.9 -0.4 28.1 28.1 91	1.0 0.922 0.0	91.4 -5.5 31.5 32.0 100	1.0 0.833 1.0 0.0	1.0 0.965 0.0	92.8 -8.2 33.3 34.3 104	1.0 0.833 1.0 0.0		
92	101	105	1.0 0.847 0.0	89.1 -0.9 28.3 28.4 92	1.0 0.933 0.0	91.8 -6.1 32.0 32.6 101	1.0 0.817 1.0 0.0	1.0 0.976 0.0	93.1 -8.9 33.7 34.9 105	1.0 0.817 1.0 0.0		
93	102	106	1.0 0.855 0.0	89.3 -1.4 28.6 28.6 93	1.0 0.944 0.0	92.1 -6.8 32.4 33.2 102	1.0 0.8 1.0 0.0	1.0 0.986 0.0	93.5 -9.7 34.1 35.5 106	1.0 0.8 1.0 0.0		
94	103	107	1.0 0.863 0.0	89.6 -1.9 28.9 28.9 94	1.0 0.954 0.0	92.5 -7.5 32.9 33.8 103	1.0 0.783 1.0 0.0	1.0 0.997 0.0	93.8 -10.5 34.5 36.1 107	1.0 0.783 1.0 0.0		
95	104	109	1.0 0.871 0.0	89.8 -2.4 29.1 29.2 95	1.0 0.965 0.0	92.8 -8.2 33.3 34.3 104	1.0 0.767 1.0 0.0	1.0 0.978 1.0 0.0	93.7 -11.7 34.4 36.4 109	1.0 0.767 1.0 0.0		
96	105	110	1.0 0.88 0.0	90.1 -3.0 29.5 29.6 96	1.0 0.976 0.0	93.1 -8.9 33.7 34.9 105	1.0 0.75 1.0 0.0	1.0 0.965 1.0 0.0	93.6 -12.4 34.2 36.4 110	1.0 0.75 1.0 0.0		
97	106	111	1.0 0.891 0.0	90.4 -3.6 30.0 30.2 97	1.0 0.986 0.0	93.5 -9.7 34.1 35.5 106	1.0 0.733 1.0 0.0	1.0 0.952 1.0 0.0	93.5 -13.0 34.1 36.5 111	1.0 0.733 1.0 0.0		
98	107	112	1.0 0.901 0.0	90.7 -4.2 30.5 30.8 98	1.0 0.997 0.0	93.8 -10.5 34.5 36.1 107	1.0 0.717 1.0 0.0	1.0 0.939 1.0 0.0	93.4 -13.6 33.9 36.6 112	1.0 0.717 1.0 0.0		
99	108	113	1.0 0.912 0.0	91.1 -4.8 31.0 31.4 99	0.991 1.0 0.0	93.8 -11.1 34.5 36.3 108	0.7 1.0 0.0	0.925 1.0 0.0	93.2 -14.2 33.7 36.6 113	0.7 1.0 0.0		
100	109	114	1.0 0.922 0.0	91.4 -5.5 31.5 32.0 100	0.978 1.0 0.0	93.7 -11.7 34.4 36.4 109	0.683 1.0 0.0	0.912 1.0 0.0	93.1 -14.8 33.5 36.7 114	0.683 1.0 0.0		
101	110	116	1.0 0.933 0.0	91.8 -6.1 32.0 32.6 101	0.965 1.0 0.0	93.6 -12.4 34.2 36.4 110	0.667 1.0 0.0	0.886 1.0 0.0	92.9 -16.0 33.1 36.8 116	0.667 1.0 0.0		
102	111	117	1.0 0.944 0.0	92.1 -6.8 32.4 33.2 102	0.952 1.0 0.0	93.5 -13.0 34.1 36.5 111	0.65 1.0 0.0	0.873 1.0 0.0	92.7 -16.6 32.9 36.9 117	0.65 1.0 0.0		
103	112	118	1.0 0.954 0.0	92.5 -7.5 32.9 33.8 103	0.939 1.0 0.0	93.4 -13.6 33.9 36.6 112	0.633 1.0 0.0	0.857 1.0 0.0	92.6 -17.3 32.7 37.0 118	0.633 1.0 0.0		
104	113	119	1.0 0.965 0.0	92.8 -8.2 33.3 34.3 104	0.925 1.0 0.0	93.2 -14.2 33.7 36.6 113	0.617 1.0 0.0	0.841 1.0 0.0	92.5 -17.9 32.5 37.2 119	0.617 1.0 0.0		
105	114	120	1.0 0.976 0.0	93.1 -8.9 33.7 34.9 105	0.912 1.0 0.0	93.1 -14.8 33.5 36.7 114	0.6 1.0 0.0	0.826 1.0 0.0	92.4 -18.6 32.4 37.4 120	0.6 1.0 0.0		
106	115	121	1.0 0.986 0.0	93.5 -9.7 34.1 35.5 106	0.899 1.0 0.0	93.0 -15.4 33.3 36.7 115	0.583 1.0 0.0	0.81 1.0 0.0	92.2 -19.2 32.2 37.6 121	0.583 1.0 0.0		
107	116	123	1.0 0.997 0.0	93.8 -10.5 34.5 36.1 107	0.886 1.0 0.0	92.9 -16.0 33.1 36.8 116	0.567 1.0 0.0	0.779 1.0 0.0	92.0 -20.5 31.8 37.9 123	0.567 1.0 0.0		
108	117	124	0.991 1.0 0.0	93.8 -11.1 34.5 36.3 108	0.873 1.0 0.0	92.7 -16.6 32.9 36.9 117	0.55 1.0 0.0	0.763 1.0 0.0	91.9 -21.2 31.6 38.1 124	0.55 1.0 0.0		
109	118	125	0.978 1.0 0.0	93.7 -11.7 34.4 36.4 109	0.857 1.0 0.0	92.6 -17.3 32.7 37.0 118	0.533 1.0 0.0	0.746 1.0 0.0	91.8 -21.9 31.4 38.3 125	0.533 1.0 0.0		
110	119	126	0.965 1.0 0.0	93.6 -12.4 34.2 36.4 110	0.841 1.0 0.0	92.5 -17.9 32.5 37.2 119	0.517 1.0 0.0	0.726 1.0 0.0	91.6 -22.6 31.2 38.6 126	0.517 1.0 0.0		
111	120	127	0.952 1.0 0.0	93.5 -13.0 34.1 36.5 111	0.826 1.0 0.0	92.4 -18.6 32.4 37.4 120	0.5 1.0 0.0	0.706 1.0 0.0	91.5 -23.3 31.0 38.8 127	0.5 1.0 0.0		

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 21.9, 107.3, 142.4, 197.9, 293.8, 326.1$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$
111	120	127	0.952 1.0 0.0	93.5 -13.0 34.1 36.5 111	0.826 1.0 0.0	92.4 -18.6 32.4 37.4 120	0.5 1.0 0.0	0.706 1.0 0.0	91.5 -23.3 31.0 38.8 127	0.5 1.0 0.0	0.0	
112	121	128	0.939 1.0 0.0	93.4 -13.6 33.9 36.6 112	0.81 1.0 0.0	92.2 -19.2 32.2 37.6 121	0.483 1.0 0.0	0.686 1.0 0.0	91.4 -24.0 30.8 39.1 128	0.483 1.0 0.0	0.0	
113	122	130	0.925 1.0 0.0	93.2 -14.2 33.7 36.6 113	0.794 1.0 0.0	92.1 -19.9 32.0 37.7 122	0.467 1.0 0.0	0.646 1.0 0.0	91.1 -25.4 30.4 39.7 130	0.467 1.0 0.0	0.0	
114	123	131	0.912 1.0 0.0	93.1 -14.8 33.5 36.7 114	0.779 1.0 0.0	92.0 -20.5 31.8 37.9 123	0.45 1.0 0.0	0.626 1.0 0.0	91.0 -26.1 30.2 40.0 131	0.45 1.0 0.0	0.0	
115	124	132	0.899 1.0 0.0	93.0 -15.4 33.3 36.7 115	0.763 1.0 0.0	91.9 -21.2 31.6 38.1 124	0.433 1.0 0.0	0.598 1.0 0.0	90.8 -26.9 30.0 40.3 132	0.433 1.0 0.0	0.0	
116	125	133	0.886 1.0 0.0	92.9 -16.0 33.1 36.8 116	0.746 1.0 0.0	91.8 -21.9 31.4 38.3 125	0.417 1.0 0.0	0.571 1.0 0.0	90.7 -27.7 29.8 40.7 133	0.417 1.0 0.0	0.0	
117	126	134	0.873 1.0 0.0	92.7 -16.6 32.9 36.9 117	0.726 1.0 0.0	91.6 -22.6 31.2 38.6 126	0.4 1.0 0.0	0.544 1.0 0.0	90.6 -28.5 29.6 41.1 134	0.4 1.0 0.0	0.0	
118	127	135	0.857 1.0 0.0	92.6 -17.3 32.7 37.0 118	0.706 1.0 0.0	91.5 -23.3 31.0 38.8 127	0.383 1.0 0.0	0.516 1.0 0.0	90.4 -29.2 29.3 41.5 135	0.383 1.0 0.0	0.0	
119	128	137	0.841 1.0 0.0	92.5 -17.9 32.5 37.2 119	0.686 1.0 0.0	91.4 -24.0 30.8 39.1 128	0.367 1.0 0.0	0.445 1.0 0.0	90.1 -30.9 28.9 42.4 137	0.367 1.0 0.0	0.0	
120	129	138	0.826 1.0 0.0	92.4 -18.6 32.4 37.4 120	0.666 1.0 0.0	91.2 -24.7 30.6 39.4 129	0.35 1.0 0.0	0.406 1.0 0.0	90.0 -31.8 28.7 42.9 138	0.35 1.0 0.0	0.0	
121	130	139	0.81 1.0 0.0	92.2 -19.2 32.2 37.6 121	0.646 1.0 0.0	91.1 -25.4 30.4 39.7 130	0.333 1.0 0.0	0.362 1.0 0.0	89.8 -32.6 28.4 43.4 139	0.333 1.0 0.0	0.0	
122	131	140	0.794 1.0 0.0	92.1 -19.9 32.0 37.7 122	0.626 1.0 0.0	91.0 -26.1 30.2 40.0 131	0.317 1.0 0.0	0.3 1.0 0.0	89.7 -33.5 28.2 43.9 140	0.317 1.0 0.0	0.0	
123	132	141	0.779 1.0 0.0	92.0 -20.5 31.8 37.9 123	0.598 1.0 0.0	90.8 -26.9 30.0 40.3 132	0.3 1.0 0.0	0.229 1.0 0.0	89.5 -34.4 28.0 44.4 141	0.3 1.0 0.0	0.0	
124	133	142	0.763 1.0 0.0	91.9 -21.2 31.6 38.1 124	0.571 1.0 0.0	90.7 -27.7 29.8 40.7 133	0.283 1.0 0.0	0.104 1.0 0.0	89.4 -35.4 27.7 45.0 142	0.283 1.0 0.0	0.0	
125	134	144	0.746 1.0 0.0	91.8 -21.9 31.4 38.3 125	0.544 1.0 0.0	90.6 -28.5 29.6 41.1 134	0.267 1.0 0.0	0.0 1.0	89.4 -35.0 25.5 43.4 144	0.267 1.0 0.0	0.0	
126	135	145	0.726 1.0 0.0	91.6 -22.6 31.2 38.6 126	0.516 1.0 0.0	90.4 -29.2 29.3 41.5 135	0.25 1.0 0.0	0.0 1.0	89.4 -34.6 24.3 42.4 145	0.25 1.0 0.0	0.0	
127	136	146	0.706 1.0 0.0	91.5 -23.3 31.0 38.8 127	0.484 1.0 0.0	90.3 -30.1 29.1 41.9 136	0.233 1.0 0.0	0.0 1.0	89.5 -34.2 23.2 41.4 146	0.233 1.0 0.0	0.0	
128	137	147	0.686 1.0 0.0	91.4 -24.0 30.8 39.1 128	0.445 1.0 0.0	90.1 -30.9 28.9 42.4 137	0.217 1.0 0.0	0.0 1.0	89.5 -33.8 22.0 40.5 147	0.217 1.0 0.0	0.0	
129	138	148	0.666 1.0 0.0	91.2 -24.7 30.6 39.4 129	0.406 1.0 0.0	90.0 -31.8 28.7 42.9 138	0.2 1.0 0.0	0.0 1.0	89.6 -33.5 21.0 39.6 148	0.2 1.0 0.0	0.0	
130	139	149	0.646 1.0 0.0	91.1 -25.4 30.4 39.7 130	0.362 1.0 0.0	89.8 -32.6 28.4 43.4 139	0.183 1.0 0.0	0.0 1.0	89.6 -33.1 20.0 38.8 149	0.183 1.0 0.0	0.0	
131	140	151	0.626 1.0 0.0	91.0 -26.1 30.2 40.0 131	0.3 1.0 0.0	89.7 -33.5 28.2 43.9 140	0.167 1.0 0.0	0.0 1.0	89.7 -32.4 18.0 37.2 151	0.167 1.0 0.0	0.0	
132	141	152	0.598 1.0 0.0	90.8 -26.9 30.0 40.3 132	0.229 1.0 0.0	89.5 -34.4 28.0 44.4 141	0.15 1.0 0.0	0.0 1.0	89.7 -32.1 17.1 36.5 152	0.15 1.0 0.0	0.0	
133	142	153	0.571 1.0 0.0	90.7 -27.7 29.8 40.7 133	0.104 1.0 0.0	89.4 -35.4 27.7 45.0 142	0.133 1.0 0.0	0.0 1.0	89.8 -31.8 16.3 35.8 153	0.133 1.0 0.0	0.0	
134	143	154	0.544 1.0 0.0	90.6 -28.5 29.6 41.1 134	0.0 1.0	89.4 -35.5 26.8 44.5 143	0.117 1.0 0.0	0.0 1.0	89.8 -31.5 15.4 35.1 154	0.117 1.0 0.0	0.0	
135	144	155	0.516 1.0 0.0	90.4 -29.2 29.3 41.5 135	0.0 1.0	89.4 -35.0 25.5 43.4 144	0.1 1.0 0.0	0.0 1.0	89.8 -31.1 14.6 34.5 155	0.1 1.0 0.0	0.0	
136	145	156	0.484 1.0 0.0	90.3 -30.1 29.1 41.9 136	0.0 1.0	89.4 -34.6 24.3 42.4 145	0.083 1.0 0.0	0.0 1.0	89.9 -30.8 13.7 33.8 156	0.083 1.0 0.0	0.0	
137	146	158	0.445 1.0 0.0	90.1 -30.9 28.9 42.4 137	0.0 1.0	89.5 -34.2 23.2 41.4 146	0.067 1.0 0.0	0.0 1.0	89.9 -30.3 12.3 32.8 158	0.067 1.0 0.0	0.0	
138	147	159	0.406 1.0 0.0	90.0 -31.8 28.7 42.9 138	0.0 1.0	89.5 -33.8 22.0 40.5 147	0.05 1.0 0.0	0.0 1.0	90.0 -30.1 11.6 32.3 159	0.05 1.0 0.0	0.0	
139	148	160	0.362 1.0 0.0	89.8 -32.6 28.4 43.4 139	0.0 1.0	89.6 -33.5 21.0 39.6 148	0.033 1.0 0.0	0.0 1.0	89.0 -29.8 10.9 31.8 160	0.033 1.0 0.0	0.0	
140	149	161	0.3 1.0 0.0	89.7 -33.5 28.2 43.9 140	0.0 1.0	89.6 -33.1 20.0 38.8 149	0.017 1.0 0.0	0.0 1.0	90.0 -29.5 10.2 31.4 161	0.017 1.0 0.0	0.0	
141	150	162	0.229 1.0 0.0	89.5 -34.4 28.0 44.4 141	0.0 1.0	89.7 -32.7 18.9 37.9 150	0.0 1.0	0.0 1.0	90.1 -29.3 9.5 30.9 162	0.0 1.0	0.0	
142	151	163	0.104 1.0 0.0	89.4 -35.4 27.7 45.0 142	0.0 1.0	89.7 -32.4 18.0 37.2 151	0.0 1.0	0.0 1.0	90.1 -29.0 8.9 30.4 163	0.0 1.0	0.0	
143	152	164	0.0 1.0	0.141 89.4 -35.5 26.8 44.5 143	0.0 1.0	89.7 -32.1 17.1 36.5 152	0.0 1.0	0.0 1.0	90.1 -28.7 8.2 29.9 164	0.0 1.0	0.033 1.0	
144	153	165	0.0 1.0	0.241 89.4 -35.0 25.5 43.4 144	0.0 1.0	89.8 -31.8 16.3 35.8 153	0.0 1.0	0.0 1.0	90.2 -28.3 7.6 29.4 165	0.0 1.0	0.05 1.0	
145	154	166	0.0 1.0	0.299 89.4 -34.6 24.3 42.4 145	0.0 1.0	89.8 -31.5 15.4 35.1 154	0.0 1.0	0.0 1.0	90.2 -28.1 7.0 29.1 166	0.0 1.0	0.067 1.0	
146	155	167	0.0 1.0	0.352 89.5 -34.2 23.2 41.4 146	0.0 1.0	89.8 -31.1 14.6 34.5 155	0.0 1.0	0.0 1.0	90.2 -28.0 6.5 28.8 167	0.0 1.0	0.083 1.0	
147	156	168	0.0 1.0	0.394 89.5 -33.8 22.0 40.5 147	0.0 1.0	89.9 -30.8 13.7 33.8 156	0.0 1.0	0.0 1.0	90.2 -27.8 5.9 28.5 168	0.0 1.0	0.1 1.0	
148	157	169	0.0 1.0	0.426 89.6 -33.5 21.0 39.6 148	0.0 1.0	89.9 -30.5 13.0 33.3 157	0.0 1.0	0.0 1.0	90.3 -27.6 5.4 28.3 169	0.0 1.0	0.117 1.0	
149	158	170	0.0 1.0	0.459 89.6 -33.1 20.0 38.8 149	0.0 1.0	89.9 -30.3 12.3 32.8 158	0.0 1.0	0.0 1.0	90.3 -27.4 4.9 28.0 170	0.0 1.0	0.133 1.0	
150	159	170	0.0 1.0	0.492 89.7 -32.7 18.9 37.9 150	0.0 1.0	89.9 -30.1 11.6 32.3 159	0.0 1.0	0.0 1.0	90.4 -27.4 4.9 28.0 170	0.0 1.0	0.15 1.0	
151	160	171	0.0 1.0	0.516 89.7 -32.4 18.0 37.2 151	0.0 1.0	89.8 -29.8 10.9 31.8 160	0.0 1.0	0.0 1.0	90.3 -27.2 4.3 27.7 171	0.0 1.0	0.167 1.0	
152	161	172	0.0 1.0	0.537 89.7 -32.1 17.1 36.5 152	0.0 1.0	89.9 -29.5 10.2 31.4 161	0.0 1.0	0.0 1.0	90.3 -27.0 3.8 27.4 172	0.0 1.0	0.183 1.0	
153	162	173	0.0 1.0	0.558 89.8 -31.8 16.3 35.8 153	0.0 1.0	89.8 -29.3 9.5 30.9 162	0.0 1.0	0.0 1.0	90.4 -26.8 3.3 27.1 173	0.0 1.0	0.2 1.0	
154	163	174	0.0 1.0	0.579 89.8 -31.5 15.4 35.1 154	0.0 1.0	89.9 -29.0 8.9 30.4 163	0.0 1.0	0.0 1.0	90.4 -26.6 2.8 26.8 174	0.0 1.0	0.217 1.0	
155	164	175	0.0 1.0	0.6 89.8 -31.1 14.6 34.5 155	0.0 1.0	89.8 -28.7 8.2 29.9 164	0.0 1.0	0.0 1.0	90.4 -26.3 2.3 26.5 175	0.0 1.0	0.233 1.0	
156	165	176	0.0 1.0	0.622 89.9 -30.8 13.7 33.8 156	0.0 1.0	89.7 -28.3 7.6 29.4 165	0.0 1.0	0.0 1.0	90.4 -26.1 1.8 26.2 176	0.0 1.0	0.25 1.0	

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 21.9, 107.3, 142.4, 197.9, 293.8, 326.1$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$				
156	165	176	0.0 1.0 0.622	89.9 -30.8 13.7	33.8 156	0.0 1.0 0.747	90.2 -28.3 7.6	29.4 165	0.0 1.0 0.25	0.0 1.0 0.849	90.4 -26.1 1.8	26.2 176	0.0 1.0 0.25			
157	166	177	0.0 1.0 0.637	89.9 -30.5 13.0	33.3 157	0.0 1.0 0.757	90.2 -28.1 7.0	29.1 166	0.0 1.0 0.267	0.0 1.0 0.859	90.5 -25.8 1.4	25.9 177	0.0 1.0 0.267			
158	167	178	0.0 1.0 0.65 89.9	-30.3 12.3 32.8	158	0.0 1.0 0.767	90.2 -28.0 6.5	28.8 167	0.0 1.0 0.283	0.0 1.0 0.868	90.5 -25.5 0.9	25.7 178	0.0 1.0 0.283			
159	168	179	0.0 1.0 0.664	90.0 -30.1 11.6	32.3 159	0.0 1.0 0.776	90.2 -27.8 5.9	28.5 168	0.0 1.0 0.3	0.0 1.0 0.876	90.5 -25.3 0.4	25.4 179	0.0 1.0 0.3			
160	169	180	0.0 1.0 0.678	90.0 -29.8 10.9	31.8 160	0.0 1.0 0.785	90.3 -27.6 5.4	28.3 169	0.0 1.0 0.317	0.0 1.0 0.883	90.5 -25.2 0.0	25.3 180	0.0 1.0 0.317			
161	170	180	0.0 1.0 0.692	90.0 -29.5 10.2	31.4 161	0.0 1.0 0.794	90.3 -27.4 4.9	28.0 170	0.0 1.0 0.333	0.0 1.0 0.883	90.5 -25.2 0.0	25.3 180	0.0 1.0 0.333			
162	171	181	0.0 1.0 0.706	90.1 -29.3 9.5	30.9 162	0.0 1.0 0.803	90.3 -27.2 4.3	27.7 171	0.0 1.0 0.35	0.0 1.0 0.89	90.6 -25.1 -0.3	25.2 181	0.0 1.0 0.35			
163	172	182	0.0 1.0 0.72	90.1 -29.0 8.9	30.4 163	0.0 1.0 0.813	90.3 -27.0 3.8	27.4 172	0.0 1.0 0.367	0.0 1.0 0.896	90.6 -24.9 -0.8	25.0 182	0.0 1.0 0.367			
164	173	183	0.0 1.0 0.734	90.1 -28.7 8.2	29.9 164	0.0 1.0 0.822	90.4 -26.8 3.3	27.1 173	0.0 1.0 0.383	0.0 1.0 0.903	90.6 -24.8 -1.2	24.9 183	0.0 1.0 0.383			
165	174	184	0.0 1.0 0.747	90.2 -28.3 7.6	29.4 165	0.0 1.0 0.831	90.4 -26.6 2.8	26.8 174	0.0 1.0 0.4	0.0 1.0 0.909	90.6 -24.6 -1.6	24.8 184	0.0 1.0 0.4			
166	175	185	0.0 1.0 0.757	90.2 -28.1 7.0	29.1 166	0.0 1.0 0.84	90.4 -26.3 2.3	26.5 175	0.0 1.0 0.417	0.0 1.0 0.916	90.6 -24.5 -2.1	24.7 185	0.0 1.0 0.417			
167	176	186	0.0 1.0 0.767	90.2 -28.0 6.5	28.8 167	0.0 1.0 0.849	90.4 -26.1 1.8	26.2 176	0.0 1.0 0.433	0.0 1.0 0.922	90.7 -24.3 -2.5	24.6 186	0.0 1.0 0.433			
168	177	187	0.0 1.0 0.776	90.2 -27.8 5.9	28.5 168	0.0 1.0 0.859	90.5 -25.8 1.4	25.9 177	0.0 1.0 0.45	0.0 1.0 0.929	90.7 -24.2 -2.9	24.4 187	0.0 1.0 0.45			
169	178	188	0.0 1.0 0.785	90.3 -27.6 5.4	28.3 169	0.0 1.0 0.868	90.5 -25.5 0.9	25.7 178	0.0 1.0 0.467	0.0 1.0 0.935	90.7 -24.0 -3.3	24.3 188	0.0 1.0 0.467			
170	179	189	0.0 1.0 0.794	90.3 -27.4 4.9	28.0 170	0.0 1.0 0.876	90.5 -25.3 0.4	25.4 179	0.0 1.0 0.483	0.0 1.0 0.942	90.7 -23.8 -3.7	24.2 189	0.0 1.0 0.483			
171	180	190	0.0 1.0 0.803	90.3 -27.2 4.3	27.7 171	0.0 1.0 0.883	90.5 -25.2 0.0	25.3 180	0.0 1.0 0.5	0.0 1.0 0.948	90.8 -23.6 -4.1	24.1 190	0.0 1.0 0.5			
172	181	191	0.0 1.0 0.813	90.3 -27.0 3.8	27.4 172	0.0 1.0 0.89	90.6 -25.1 -0.3	25.2 181	0.0 1.0 0.517	0.0 1.0 0.955	90.8 -23.4 -4.5	23.9 191	0.0 1.0 0.517			
173	182	191	0.0 1.0 0.822	90.4 -26.8 3.3	27.1 173	0.0 1.0 0.896	90.6 -24.9 -0.8	25.0 182	0.0 1.0 0.533	0.0 1.0 0.955	90.8 -23.4 -4.5	23.9 191	0.0 1.0 0.533			
174	183	192	0.0 1.0 0.831	90.4 -26.6 2.8	26.8 174	0.0 1.0 0.903	90.6 -24.8 -1.2	24.9 183	0.0 1.0 0.55	0.0 1.0 0.961	90.8 -23.2 -4.9	23.8 192	0.0 1.0 0.55			
175	184	193	0.0 1.0 0.84	90.4 -26.3 2.3	26.5 175	0.0 1.0 0.909	90.6 -24.6 -1.6	24.8 184	0.0 1.0 0.567	0.0 1.0 0.968	90.8 -23.0 -5.2	23.7 193	0.0 1.0 0.567			
176	185	194	0.0 1.0 0.849	90.4 -26.1 1.8	26.2 176	0.0 1.0 0.916	90.6 -24.5 -2.1	24.7 185	0.0 1.0 0.583	0.0 1.0 0.974	90.8 -22.8 -5.6	23.6 194	0.0 1.0 0.583			
177	186	195	0.0 1.0 0.859	90.5 -25.8 1.4	25.9 177	0.0 1.0 0.922	90.7 -24.3 -2.5	24.6 186	0.0 1.0 0.6	0.0 1.0 0.981	90.9 -22.6 -6.0	23.5 195	0.0 1.0 0.6			
178	187	196	0.0 1.0 0.868	90.5 -25.5 0.9	25.7 178	0.0 1.0 0.929	90.7 -24.2 -2.9	24.4 187	0.0 1.0 0.617	0.0 1.0 0.988	90.9 -22.3 -6.3	23.3 196	0.0 1.0 0.617			
179	188	197	0.0 1.0 0.876	90.5 -25.3 0.4	25.4 179	0.0 1.0 0.935	90.7 -24.0 -3.3	24.3 188	0.0 1.0 0.633	0.0 1.0 0.994	90.9 -22.1 -6.7	23.2 197	0.0 1.0 0.633			
180	189	198	0.0 1.0 0.883	90.5 -25.2 0.0	25.3 180	0.0 1.0 0.942	90.7 -23.8 -3.7	24.2 189	0.0 1.0 0.65	0.0 1.0 0.99	-21.9 -7.0	23.1 198	0.0 1.0 0.65			
181	190	199	0.0 1.0 0.89	90.6 -25.1 -0.3	25.2 181	0.0 1.0 0.948	90.8 -23.6 -4.1	24.1 190	0.0 1.0 0.667	0.0 1.0 0.995	1.0 90.7	-21.6 -7.4	22.9 199	0.0 1.0 0.667		
182	191	200	0.0 1.0 0.896	90.6 -24.9 -0.8	25.0 182	0.0 1.0 0.955	90.8 -23.4 -4.5	23.9 191	0.0 1.0 0.683	0.0 1.0 0.99	1.0 90.6	-21.3 -7.7	22.8 200	0.0 1.0 0.683		
183	192	201	0.0 1.0 0.903	90.6 -24.8 -1.2	24.9 183	0.0 1.0 0.961	90.8 -23.2 -4.9	23.8 192	0.0 1.0 0.7	0.0 1.0 0.985	1.0 90.4	-21.1 -8.0	22.7 201	0.0 1.0 0.7		
184	193	201	0.0 1.0 0.909	90.6 -24.6 -1.6	24.8 184	0.0 1.0 0.968	90.8 -23.0 -5.2	23.7 193	0.0 1.0 0.717	0.0 1.0 0.985	1.0 90.4	-21.1 -8.0	22.7 201	0.0 1.0 0.717		
185	194	202	0.0 1.0 0.916	90.6 -24.5 -2.1	24.7 185	0.0 1.0 0.974	90.8 -22.8 -5.6	23.6 194	0.0 1.0 0.733	0.0 1.0 0.98	1.0 90.3	-20.8 -8.3	22.5 202	0.0 1.0 0.733		
186	195	203	0.0 1.0 0.922	90.7 -24.3 -2.5	24.6 186	0.0 1.0 0.981	90.9 -22.6 -6.0	23.5 195	0.0 1.0 0.75	0.0 1.0 0.975	1.0 90.1	-20.5 -8.6	22.4 203	0.0 1.0 0.75		
187	196	204	0.0 1.0 0.929	90.7 -24.2 -2.9	24.4 187	0.0 1.0 0.988	90.9 -22.3 -6.3	23.3 196	0.0 1.0 0.767	0.0 1.0 0.97	1.0 89.9	-20.2 -8.9	22.2 204	0.0 1.0 0.767		
188	197	205	0.0 1.0 0.935	90.7 -24.0 -3.3	24.3 188	0.0 1.0 0.994	90.9 -22.1 -6.7	23.2 197	0.0 1.0 0.783	0.0 1.0 0.966	1.0 89.8	-19.9 -9.2	22.1 205	0.0 1.0 0.783		
189	198	206	0.0 1.0 0.942	90.7 -23.8 -3.7	24.2 189	0.0 1.0 1.0 90.9	-21.9 -7.0	23.1 198	0.0 1.0 0.8	0.0 1.0 0.961	1.0 89.6	-19.6 -9.5	22.0 206	0.0 1.0 0.8		
190	199	207	0.0 1.0 0.948	90.8 -23.6 -4.1	24.1 190	0.0 1.0 0.995	1.0 90.7	-21.6 -7.4	22.9 199	0.0 1.0 0.817	0.0 1.0 0.956	1.0 89.4	-19.3 -9.8	21.8 207	0.0 1.0 0.817	
191	200	208	0.0 1.0 0.955	90.8 -23.4 -4.5	23.9 191	0.0 1.0 0.99	1.0 90.6	-21.3 -7.7	22.8 200	0.0 1.0 0.833	0.0 1.0 0.951	1.0 89.3	-19.0 -10.1	21.7 208	0.0 1.0 0.833	
192	201	209	0.0 1.0 0.961	90.8 -23.2 -4.9	23.8 192	0.0 1.0 0.985	1.0 90.4	-21.1 -8.0	22.7 201	0.0 1.0 0.85	0.0 1.0 0.946	1.0 89.1	-18.7 -10.3	21.5 209	0.0 1.0 0.85	
193	202	210	0.0 1.0 0.968	90.8 -23.0 -5.2	23.7 193	0.0 1.0 0.98	1.0 90.3	-20.8 -8.3	22.5 202	0.0 1.0 0.867	0.0 1.0 0.941	1.0 88.9	-18.4 -10.6	21.4 210	0.0 1.0 0.867	
194	203	211	0.0 1.0 0.974	90.8 -22.8 -5.6	23.6 194	0.0 1.0 0.975	1.0 90.1	-20.5 -8.6	22.4 203	0.0 1.0 0.883	0.0 1.0 0.937	1.0 88.8	-18.1 -10.9	21.3 211	0.0 1.0 0.883	
195	204	212	0.0 1.0 0.981	90.9 -22.6 -6.0	23.5 195	0.0 1.0 0.97	1.0 89.9	-20.2 -8.9	22.2 204	0.0 1.0 0.9	0.0 1.0 0.932	1.0 88.6	-17.8 -11.1	21.1 212	0.0 1.0 0.9	
196	205	212	0.0 1.0 0.988	90.9 -22.3 -6.3	23.3 196	0.0 1.0 0.966	1.0 89.8	-19.9 -9.2	22.1 205	0.0 1.0 0.917	0.0 1.0 0.932	1.0 88.6	-17.8 -11.1	21.1 212	0.0 1.0 0.917	
197	206	213	0.0 1.0 0.994	90.9 -22.1 -6.7	23.2 197	$C_d$	0.0 1.0 0.961	1.0 89.6	-19.6 -9.5	22.0 206	0.0 1.0 0.933	0.0 1.0 0.927	1.0 88.4	-17.5 -11.3	21.0 213	0.0 1.0 0.933
198	207	214	0.0 1.0 1.0 90.9	-21.9 -7.0	23.1 198	0.0 1.0 0.956	1.0 89.4	-19.3 -9.8	21.8 207	0.0 1.0 0.95	0.0 1.0 0.922	1.0 88.3	-17.2 -11.6	20.8 214	0.0 1.0 0.95	
199	208	215	0.0 0.995	1.0 90.7	-21.6 -7.4	22.9 199	0.0 1.0 0.951	1.0 89.3	-19.0 -10.1	21.7 208	0.0 1.0 0.967	0.0 1.0 0.917	1.0 88.1	-16.9 -11.8	20.7 215	0.0 1.0 0.967
200	209	216	0.0 0.99	1.0 90.6	-21.3 -7.7	22.8 200	0.0 1.0 0.946	1.0 89.1	-18.7 -10.3	21.5 209	0.0 1.0 0.983	0.0 1.0 0.912	1.0 87.9	-16.5 -12.0	20.6 216	0.0 1.0 0.983
201	210	217	0.0 0.985	1.0 90.4	-21.1 -8.0	22.7 201	0.0 1.0 0.941	1.0 88.9	-18.4 -10.6	21.4 210	0.0 1.0 $1.0C_s$	0.0 1.0 0.908	1.0 87.8	-16.2 -12.2	20.4 217	0.0 1.0 $1.0C_e$

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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: $h_{ab,d} = 21.9, 107.3, 142.4, 197.9, 293.8, 326.1$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																		
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$						
201	210	217	0.0 0.985 1.0	90.4 -21.1 -8.0 22.7 201	0.0 0.941 1.0	88.9 -18.4 -10.6 21.4 210	0.0 1.0 1.0C <sub>s</sub>	0.0 0.908 1.0	87.8 -16.2 -12.2 20.4 217	0.0 1.0 1.0 1.0C <sub>e</sub>								
202	211	218	0.0 0.98 1.0	90.3 -20.8 -8.3 22.5 202	0.0 0.937 1.0	88.8 -18.1 -10.9 21.3 211	0.0 0.983 1.0	0.0 0.903 1.0	87.6 -15.9 -12.4 20.3 218	0.0 0.983 1.0								
203	212	219	0.0 0.975 1.0	90.1 -20.5 -8.6 22.4 203	0.0 0.932 1.0	88.6 -17.8 -11.1 21.1 212	0.0 0.967 1.0	0.0 0.898 1.0	87.4 -15.6 -12.6 20.1 219	0.0 0.967 1.0								
204	213	220	0.0 0.97 1.0	89.9 -20.2 -8.9 22.2 204	0.0 0.927 1.0	88.4 -17.5 -11.3 21.0 213	0.0 0.95 1.0	0.0 0.893 1.0	87.3 -15.2 -12.8 20.0 220	0.0 0.95 1.0								
205	214	221	0.0 0.966 1.0	89.8 -19.9 -9.2 22.1 205	0.0 0.922 1.0	88.3 -17.2 -11.6 20.8 214	0.0 0.933 1.0	0.0 0.888 1.0	87.1 -14.9 -12.9 19.9 221	0.0 0.933 1.0								
206	215	222	0.0 0.961 1.0	89.6 -19.6 -9.5 22.0 206	0.0 0.917 1.0	88.1 -16.9 -11.8 20.7 215	0.0 0.917 1.0	0.0 0.883 1.0	86.9 -14.6 -13.1 19.7 222	0.0 0.917 1.0								
207	216	222	0.0 0.956 1.0	89.4 -19.3 -9.8 21.8 207	0.0 0.912 1.0	87.9 -16.5 -12.0 20.6 216	0.0 0.9 1.0	0.0 0.883 1.0	86.9 -14.6 -13.1 19.7 222	0.0 0.9 1.0								
208	217	223	0.0 0.951 1.0	89.3 -19.0 -10.1 21.7 208	0.0 0.908 1.0	87.8 -16.2 -12.2 20.4 217	0.0 0.883 1.0	0.0 0.878 1.0	86.8 -14.2 -13.3 19.6 223	0.0 0.883 1.0								
209	218	224	0.0 0.946 1.0	89.1 -18.7 -10.3 21.5 209	0.0 0.903 1.0	87.6 -15.9 -12.4 20.3 218	0.0 0.867 1.0	0.0 0.874 1.0	86.6 -13.9 -13.4 19.5 224	0.0 0.867 1.0								
210	219	225	0.0 0.941 1.0	88.9 -18.4 -10.6 21.4 210	0.0 0.898 1.0	87.4 -15.6 -12.6 20.1 219	0.0 0.85 1.0	0.0 0.869 1.0	86.5 -13.7 -13.7 19.5 225	0.0 0.85 1.0								
211	220	226	0.0 0.937 1.0	88.8 -18.1 -10.9 21.3 211	0.0 0.893 1.0	87.3 -15.2 -12.8 20.0 220	0.0 0.833 1.0	0.0 0.864 1.0	86.3 -13.5 -14.0 19.6 226	0.0 0.833 1.0								
212	221	227	0.0 0.932 1.0	88.6 -17.8 -11.1 21.1 212	0.0 0.888 1.0	87.1 -14.9 -12.9 19.9 221	0.0 0.817 1.0	0.0 0.86 1.0	86.2 -13.3 -14.2 19.6 227	0.0 0.817 1.0								
213	222	228	0.0 0.927 1.0	88.4 -17.5 -11.3 21.0 213	0.0 0.883 1.0	86.9 -14.6 -13.1 19.7 222	0.0 0.8 1.0	0.0 0.855 1.0	86.1 -13.0 -14.5 19.6 228	0.0 0.8 1.0								
214	223	229	0.0 0.922 1.0	88.3 -17.2 -11.6 20.8 214	0.0 0.878 1.0	86.8 -14.2 -13.3 19.6 223	0.0 0.783 1.0	0.0 0.851 1.0	85.9 -12.8 -14.7 19.6 229	0.0 0.783 1.0								
215	224	230	0.0 0.917 1.0	88.1 -16.9 -11.8 20.7 215	0.0 0.874 1.0	86.6 -13.9 -13.4 19.5 224	0.0 0.767 1.0	0.0 0.846 1.0	85.8 -12.5 -15.0 19.7 230	0.0 0.767 1.0								
216	225	231	0.0 0.912 1.0	87.9 -16.5 -12.0 20.6 216	0.0 0.869 1.0	86.5 -13.7 -13.7 19.5 225	0.0 0.75 1.0	0.0 0.841 1.0	85.6 -12.3 -15.2 19.7 231	0.0 0.75 1.0								
217	226	232	0.0 0.908 1.0	87.8 -16.2 -12.2 20.4 217	0.0 0.864 1.0	86.3 -13.5 -14.0 19.6 226	0.0 0.733 1.0	0.0 0.837 1.0	85.5 -12.1 -15.5 19.7 232	0.0 0.733 1.0								
218	227	232	0.0 0.903 1.0	87.6 -15.9 -12.4 20.3 218	0.0 0.86 1.0	86.2 -13.3 -14.2 19.6 227	0.0 0.717 1.0	0.0 0.837 1.0	85.5 -12.1 -15.5 19.7 232	0.0 0.717 1.0								
219	228	233	0.0 0.898 1.0	87.4 -15.6 -12.6 20.1 219	0.0 0.855 1.0	86.1 -13.0 -14.5 19.6 228	0.0 0.7 1.0	0.0 0.832 1.0	85.3 -11.8 -15.7 19.8 233	0.0 0.7 1.0								
220	229	234	0.0 0.893 1.0	87.3 -15.2 -12.8 20.0 220	0.0 0.851 1.0	85.9 -12.8 -14.7 19.6 229	0.0 0.683 1.0	0.0 0.828 1.0	85.2 -11.5 -15.9 19.8 234	0.0 0.683 1.0								
221	230	235	0.0 0.888 1.0	87.1 -14.9 -12.9 19.9 221	0.0 0.846 1.0	85.8 -12.5 -15.0 19.7 230	0.0 0.667 1.0	0.0 0.823 1.0	85.1 -11.3 -16.2 19.8 235	0.0 0.667 1.0								
222	231	236	0.0 0.883 1.0	86.9 -14.6 -13.1 19.7 222	0.0 0.841 1.0	85.6 -12.3 -15.2 19.7 231	0.0 0.65 1.0	0.0 0.818 1.0	84.9 -11.0 -16.4 19.9 236	0.0 0.65 1.0								
223	232	237	0.0 0.878 1.0	86.8 -14.2 -13.3 19.6 223	0.0 0.837 1.0	85.5 -12.1 -15.5 19.7 232	0.0 0.633 1.0	0.0 0.814 1.0	84.8 -10.7 -16.6 19.9 237	0.0 0.633 1.0								
224	233	238	0.0 0.874 1.0	86.6 -13.9 -13.4 19.5 224	0.0 0.832 1.0	85.3 -11.8 -15.7 19.8 233	0.0 0.617 1.0	0.0 0.809 1.0	84.6 -10.5 -16.8 19.9 238	0.0 0.617 1.0								
225	234	239	0.0 0.869 1.0	86.5 -13.7 -13.7 19.5 225	0.0 0.828 1.0	85.2 -11.5 -15.9 19.8 234	0.0 0.6 1.0	0.0 0.804 1.0	84.5 -10.2 -17.0 20.0 239	0.0 0.6 1.0								
226	235	240	0.0 0.864 1.0	86.3 -13.5 -14.0 19.6 226	0.0 0.823 1.0	85.1 -11.3 -16.2 19.8 235	0.0 0.583 1.0	0.0 0.8 1.0	84.4 -9.9 -17.2 20.0 240	0.0 0.583 1.0								
227	236	241	0.0 0.86 1.0	86.2 -13.3 -14.2 19.6 227	0.0 0.818 1.0	84.9 -11.0 -16.4 19.9 236	0.0 0.567 1.0	0.0 0.795 1.0	84.2 -9.6 -17.4 20.0 241	0.0 0.567 1.0								
228	237	242	0.0 0.855 1.0	86.1 -13.0 -14.5 19.6 228	0.0 0.814 1.0	84.8 -10.7 -16.6 19.9 237	0.0 0.55 1.0	0.0 0.791 1.0	84.1 -9.3 -17.6 20.1 242	0.0 0.55 1.0								
229	238	243	0.0 0.851 1.0	85.9 -12.8 -14.7 19.6 229	0.0 0.809 1.0	84.6 -10.5 -16.8 19.9 238	0.0 0.533 1.0	0.0 0.786 1.0	83.9 -9.0 -17.8 20.1 243	0.0 0.533 1.0								
230	239	243	0.0 0.846 1.0	85.8 -12.5 -15.0 19.7 230	0.0 0.804 1.0	84.5 -10.2 -17.0 20.0 239	0.0 0.517 1.0	0.0 0.786 1.0	83.9 -9.0 -17.8 20.1 243	0.0 0.517 1.0								
231	240	244	0.0 0.841 1.0	85.6 -12.3 -15.2 19.7 231	0.0 0.8 1.0	84.4 -9.9 -17.2 20.0 240	0.0 0.5 1.0	0.0 0.781 1.0	83.8 -8.7 -18.0 20.1 244	0.0 0.5 1.0								
232	241	245	0.0 0.837 1.0	85.5 -12.1 -15.5 19.7 232	0.0 0.795 1.0	84.2 -9.6 -17.4 20.0 241	0.0 0.483 1.0	0.0 0.777 1.0	83.7 -8.4 -18.2 20.2 245	0.0 0.483 1.0								
233	242	246	0.0 0.832 1.0	85.3 -11.8 -15.7 19.8 233	0.0 0.791 1.0	84.1 -9.3 -17.6 20.1 242	0.0 0.467 1.0	0.0 0.772 1.0	83.5 -8.1 -18.3 20.2 246	0.0 0.467 1.0								
234	243	247	0.0 0.828 1.0	85.2 -11.5 -15.9 19.8 234	0.0 0.786 1.0	83.9 -9.0 -17.8 20.1 243	0.0 0.45 1.0	0.0 0.768 1.0	83.4 -7.8 -18.5 20.2 247	0.0 0.45 1.0								
235	244	248	0.0 0.823 1.0	85.1 -11.3 -16.2 19.8 235	0.0 0.781 1.0	83.8 -8.7 -18.0 20.1 244	0.0 0.433 1.0	0.0 0.763 1.0	83.2 -7.5 -18.7 20.3 248	0.0 0.433 1.0								
236	245	249	0.0 0.818 1.0	84.9 -11.0 -16.4 19.9 236	0.0 0.777 1.0	83.7 -8.4 -18.2 20.2 245	0.0 0.417 1.0	0.0 0.758 1.0	83.1 -7.2 -18.8 20.3 249	0.0 0.417 1.0								
237	246	250	0.0 0.814 1.0	84.8 -10.7 -16.6 19.9 237	0.0 0.772 1.0	83.5 -8.1 -18.3 20.2 246	0.0 0.4 1.0	0.0 0.754 1.0	82.9 -6.9 -19.0 20.3 250	0.0 0.4 1.0								
238	247	251	0.0 0.809 1.0	84.6 -10.5 -16.8 19.9 238	0.0 0.768 1.0	83.4 -7.8 -18.5 20.2 247	0.0 0.383 1.0	0.0 0.749 1.0	82.8 -6.5 -19.2 20.4 251	0.0 0.383 1.0								
239	248	252	0.0 0.804 1.0	84.5 -10.2 -17.0 20.0 239	0.0 0.763 1.0	83.2 -7.5 -18.7 20.3 248	0.0 0.367 1.0	0.0 0.742 1.0	82.6 -6.3 -19.5 20.6 252	0.0 0.367 1.0								
240	249	253	0.0 0.8 1.0	84.4 -9.9 -17.2 20.0 240	0.0 0.758 1.0	83.1 -7.2 -18.8 20.3 249	0.0 0.35 1.0	0.0 0.736 1.0	82.4 -6.0 -19.8 20.8 253	0.0 0.35 1.0								
241	250	253	0.0 0.795 1.0	84.2 -9.6 -17.4 20.0 241	0.0 0.754 1.0	82.9 -6.9 -19.0 20.3 250	0.0 0.333 1.0	0.0 0.736 1.0	82.4 -6.0 -19.8 20.8 253	0.0 0.333 1.0								
242	251	254	0.0 0.791 1.0	84.1 -9.3 -17.6 20.1 242	0.0 0.749 1.0	82.8 -6.5 -19.2 20.4 251	0.0 0.317 1.0	0.0 0.729 1.0	82.3 -5.7 -20.1 21.0 254	0.0 0.317 1.0								
243	252	255	0.0 0.786 1.0	83.9 -9.0 -17.8 20.1 243	0.0 0.742 1.0	82.6 -6.3 -19.5 20.6 252	0.0 0.3 1.0	0.0 0.722 1.0	82.1 -5.4 -20.4 21.2 255	0.0 0.3 1.0								
244	253	256	0.0 0.781 1.0	83.8 -8.7 -18.0 20.1 244	0.0 0.736 1.0	82.4 -6.0 -19.8 20.8 253	0.0 0.283 1.0	0.0 0.716 1.0	81.9 -5.1 -20.7 21.4 256	0.0 0.283 1.0								
245	254	257	0.0 0.777 1.0	83.7 -8.4 -18.2 20.2 245	0.0 0.729 1.0	82.3 -5.7 -20.1 21.0 254	0.0 0.267 1.0	0.0 0.709 1.0	81.8 -4.8 -21.0 21.6 257	0.0 0.267 1.0								
246	255	258	0.0 0.772 1.0	83.5 -8.1 -18.3 20.2 246	0.0 0.722 1.0	82.1 -5.4 -20.4 21.2 255	0.0 0.25 1.0	0.0 0.703 1.0	81.6 -4.4 -21.2 21.8 258	0.0 0.25 1.0								

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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: $h_{ab,d} = 21.9, 107.3, 142.4, 197.9, 293.8, 326.1$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																						
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$										
246	255	258	0.0	0.772 1.0	83.5 -8.1	-18.3 20.2	246	0.0	0.722 1.0	82.1 -5.4	-20.4 21.2	255	0.0	0.25 1.0	0.0	0.703 1.0	81.6 -4.4	-21.2 21.8	258	0.0	0.25 1.0	
247	256	259	0.0	0.768 1.0	83.4 -7.8	-18.5 20.2	247	0.0	0.716 1.0	81.9 -5.1	-20.7 21.4	256	0.0	0.233 1.0	0.0	0.696 1.0	81.4 -4.1	-21.5 22.0	259	0.0	0.233 1.0	
248	257	260	0.0	0.763 1.0	83.2 -7.5	-18.7 20.3	248	0.0	0.709 1.0	81.8 -4.8	-21.0 21.6	257	0.0	0.217 1.0	0.0	0.69 1.0	81.2 -3.8	-21.8 22.2	260	0.0	0.217 1.0	
249	258	261	0.0	0.758 1.0	83.1 -7.2	-18.8 20.3	249	0.0	0.703 1.0	81.6 -4.4	-21.2 21.8	258	0.0	0.2 1.0	0.0	0.683 1.0	81.1 -3.4	-22.1 22.4	261	0.0	0.2 1.0	
250	259	262	0.0	0.754 1.0	82.9 -6.9	-19.0 20.3	250	0.0	0.696 1.0	81.4 -4.1	-21.5 22.0	259	0.0	0.183 1.0	0.0	0.677 1.0	80.9 -3.0	-22.3 22.6	262	0.0	0.183 1.0	
251	260	263	0.0	0.749 1.0	82.8 -6.5	-19.2 20.4	251	0.0	0.69 1.0	81.2 -3.8	-21.8 22.2	260	0.0	0.167 1.0	0.0	0.67 1.0	80.7 -2.7	-22.6 22.8	263	0.0	0.167 1.0	
252	261	264	0.0	0.742 1.0	82.6 -6.3	-19.5 20.6	252	0.0	0.683 1.0	81.1 -3.4	-22.1 22.4	261	0.0	0.15 1.0	0.0	0.664 1.0	80.5 -2.3	-22.8 23.0	264	0.0	0.15 1.0	
253	262	264	0.0	0.736 1.0	82.4 -6.0	-19.8 20.8	253	0.0	0.677 1.0	80.9 -3.0	-22.3 22.6	262	0.0	0.133 1.0	0.0	0.664 1.0	80.5 -2.3	-22.8 23.0	264	0.0	0.133 1.0	
254	263	265	0.0	0.729 1.0	82.3 -5.7	-20.1 21.0	254	0.0	0.67 1.0	80.7 -2.7	-22.6 22.8	263	0.0	0.117 1.0	0.0	0.657 1.0	80.4 -1.9	-23.1 23.2	265	0.0	0.117 1.0	
255	264	266	0.0	0.722 1.0	82.1 -5.4	-20.4 21.2	255	0.0	0.664 1.0	80.5 -2.3	-22.8 23.0	264	0.0	0.1 1.0	0.0	0.65 1.0	80.2 -1.5	-23.3 23.4	266	0.0	0.1 1.0	
256	265	267	0.0	0.716 1.0	81.9 -5.1	-20.7 21.4	256	0.0	0.657 1.0	80.4 -1.9	-23.1 23.2	265	0.0	0.083 1.0	0.0	0.644 1.0	80.0 -1.1	-23.5 23.7	267	0.0	0.083 1.0	
257	266	268	0.0	0.709 1.0	81.8 -4.8	-21.0 21.6	257	0.0	0.65 1.0	80.2 -1.5	-23.3 23.4	266	0.0	0.067 1.0	0.0	0.637 1.0	79.8 -0.7	-23.7 23.9	268	0.0	0.067 1.0	
258	267	269	0.0	0.703 1.0	81.6 -4.4	-21.2 21.8	258	0.0	0.644 1.0	80.0 -1.1	-23.5 23.7	267	0.0	0.05 1.0	0.0	0.631 1.0	79.7 -0.3	-24.0 24.1	269	0.0	0.05 1.0	
259	268	270	0.0	0.696 1.0	81.4 -4.1	-21.5 22.0	259	0.0	0.637 1.0	79.8 -0.7	-23.7 23.9	268	0.0	0.033 1.0	0.0	0.624 1.0	79.5 0.0	-24.2 24.3	270	0.0	0.033 1.0	
260	269	271	0.0	0.69 1.0	81.2 -3.8	-21.8 22.2	260	0.0	0.631 1.0	79.7 -0.3	-24.0 24.1	269	0.0	0.017 1.0	0.0	0.613 1.0	79.2 0.4	-24.6 24.7	271	0.0	0.017 1.0	
261	270	272	0.0	0.683 1.0	81.1 -3.4	-22.1 22.4	261	0.0	0.624 1.0	79.5 0.0	-24.2 24.3	270	0.0	0.0	1.0B <sub>s</sub>	0.0	0.601 1.0	79.0 0.9	-25.0 25.1	272	0.0	0.0
262	271	273	0.0	0.677 1.0	80.9 -3.0	-22.3 22.6	262	0.0	0.613 1.0	79.2 0.4	-24.6 24.7	271	0.0	0.017 1.0	1.0	0.0	0.59 1.0	78.8 1.3	-25.4 25.5	273	0.017 1.0	1.0
263	272	274	0.0	0.67 1.0	80.7 -2.7	-22.6 22.8	263	0.0	0.601 1.0	79.0 0.9	-25.0 25.1	272	0.0	0.033 0.0	1.0	0.0	0.579 1.0	78.5 1.8	-25.8 26.0	274	0.033 0.0	1.0
264	273	275	0.0	0.664 1.0	80.5 -2.3	-22.8 23.0	264	0.0	0.59 1.0	78.8 1.3	-25.4 25.5	273	0.05 0.0	1.0	0.0	0.568 1.0	78.3 2.3	-26.2 26.4	275	0.05 0.0	1.0	
265	274	276	0.0	0.657 1.0	80.4 -1.9	-23.1 23.2	265	0.0	0.579 1.0	78.5 1.8	-25.8 26.0	274	0.067 0.0	1.0	0.0	0.557 1.0	78.0 2.8	-26.5 26.8	276	0.067 0.0	1.0	
266	275	276	0.0	0.65 1.0	80.2 -1.5	-23.3 23.4	266	0.0	0.568 1.0	78.3 2.3	-26.2 26.4	275	0.083 0.0	1.0	0.0	0.557 1.0	78.0 2.8	-26.5 26.8	276	0.083 0.0	1.0	
267	276	277	0.0	0.644 1.0	80.0 -1.1	-23.5 23.7	267	0.0	0.557 1.0	78.0 2.8	-26.5 26.8	276	0.1 0.0	1.0	0.0	0.546 1.0	77.8 3.3	-26.9 27.2	277	0.1 0.0	1.0	
268	277	278	0.0	0.637 1.0	79.8 -0.7	-23.7 23.9	268	0.0	0.546 1.0	77.8 3.3	-26.9 27.2	277	0.117 0.0	1.0	0.0	0.535 1.0	77.6 3.8	-27.3 27.6	278	0.117 0.0	1.0	
269	278	279	0.0	0.631 1.0	79.7 -0.3	-24.0 24.1	269	0.0	0.535 1.0	77.6 3.8	-27.3 27.6	278	0.133 0.0	1.0	0.0	0.524 1.0	77.3 4.4	-27.6 28.1	279	0.133 0.0	1.0	
270	279	280	0.0	0.624 1.0	79.5 0.0	-24.2 24.3	270	0.0	0.524 1.0	77.3 4.4	-27.6 28.1	279	0.15 0.0	1.0	0.0	0.513 1.0	77.1 4.9	-27.9 28.5	280	0.15 0.0	1.0	
271	280	281	0.0	0.613 1.0	79.2 0.4	-24.6 24.7	271	0.0	0.513 1.0	77.1 4.9	-27.9 28.5	280	0.167 0.0	1.0	0.0	0.502 1.0	76.8 5.5	-28.3 28.9	281	0.167 0.0	1.0	
272	281	282	0.0	0.601 1.0	79.0 0.9	-25.0 25.1	272	0.0	0.502 1.0	76.8 5.5	-28.3 28.9	281	0.183 0.0	1.0	0.0	0.484 1.0	76.5 6.1	-28.8 29.5	282	0.183 0.0	1.0	
273	282	283	0.0	0.59 1.0	78.8 1.3	-25.4 25.5	273	0.0	0.484 1.0	76.5 6.1	-28.8 29.5	282	0.2 0.0	1.0	0.0	0.464 1.0	76.2 6.8	-29.3 30.2	283	0.2 0.0	1.0	
274	283	284	0.0	0.579 1.0	78.5 1.8	-25.8 26.0	274	0.0	0.464 1.0	76.2 6.8	-29.3 30.2	283	0.217 0.0	1.0	0.0	0.445 1.0	75.9 7.5	-29.8 30.8	284	0.217 0.0	1.0	
275	284	285	0.0	0.568 1.0	78.3 2.3	-26.2 26.4	275	0.0	0.445 1.0	75.9 7.5	-29.8 30.8	284	0.233 0.0	1.0	0.0	0.426 1.0	75.6 8.1	-30.3 31.5	285	0.233 0.0	1.0	
276	285	286	0.0	0.557 1.0	78.0 2.8	-26.5 26.8	276	0.0	0.426 1.0	75.6 8.1	-30.3 31.5	285	0.25 0.0	1.0	0.0	0.407 1.0	75.2 8.9	-30.8 32.1	286	0.25 0.0	1.0	
277	286	287	0.0	0.546 1.0	77.8 3.3	-26.9 27.2	277	0.0	0.407 1.0	75.2 8.9	-30.8 32.1	286	0.267 0.0	1.0	0.0	0.387 1.0	74.9 9.6	-31.2 32.8	287	0.267 0.0	1.0	
278	287	288	0.0	0.535 1.0	77.6 3.8	-27.3 27.6	278	0.0	0.387 1.0	74.9 9.6	-31.2 32.8	287	0.283 0.0	1.0	0.0	0.363 1.0	74.6 10.3	-31.8 33.5	288	0.283 0.0	1.0	
279	288	289	0.0	0.524 1.0	77.3 4.4	-27.6 28.1	279	0.0	0.363 1.0	74.6 10.3	-31.8 33.5	288	0.3 0.0	1.0	0.0	0.328 1.0	74.2 11.2	-32.4 34.4	289	0.3 0.0	1.0	
280	289	290	0.0	0.513 1.0	77.1 4.9	-27.9 28.5	280	0.0	0.328 1.0	74.2 11.2	-32.4 34.4	289	0.317 0.0	1.0	0.0	0.294 1.0	73.8 12.0	-33.0 35.2	290	0.317 0.0	1.0	
281	290	291	0.0	0.502 1.0	76.8 5.5	-28.3 28.9	281	0.0	0.294 1.0	73.8 12.0	-33.0 35.2	290	0.333 0.0	1.0	0.0	0.26 1.0	73.4 12.9	-33.6 36.1	291	0.333 0.0	1.0	
282	291	292	0.0	0.484 1.0	76.5 6.1	-28.8 29.5	282	0.0	0.26 1.0	73.4 12.9	-33.6 36.1	291	0.35 0.0	1.0	0.0	0.202 1.0	72.9 13.9	-34.3 37.0	292	0.35 0.0	1.0	
283	292	293	0.0	0.464 1.0	76.2 6.8	-29.3 30.2	283	0.0	0.202 1.0	72.9 13.9	-34.3 37.0	292	0.367 0.0	1.0	0.0	0.135 1.0	72.5 14.9	-34.9 38.1	293	0.367 0.0	1.0	
284	293	294	0.0	0.445 1.0	75.9 7.5	-29.8 30.8	284	0.0	0.135 1.0	72.5 14.9	-34.9 38.1	293	0.383 0.0	1.0	0.0033 0.0	1.0	72.1 15.9	-35.5 39.0	294	0.383 0.0	1.0	
285	294	294	0.0	0.426 1.0	75.6 8.1	-30.3 31.5	285	0.033 0.0	1.0	72.1 15.9	-35.5 39.0	294	0.4 0.0	1.0	0.0033 0.0	1.0	72.1 15.9	-35.5 39.0	294	0.4 0.0	1.0	
286	295	295	0.0	0.407 1.0	75.2 8.9	-30.8 32.1	286	0.171 0.1	1.0	72.3 16.5	-35.2 39.0	295	0.417 0.0	1.0	0.0	0.171 0.0	1.0	72.3 16.5	-35.2 39.0	295	0.417 0.0	1.0
287	296	296	0.0	0.387 1.0	74.9 9.6	-31.2 32.8	287	0.253 0.0	1.0	72.5 17.1	-35.0 39.0	296	0.433 0.0	1.0	0.0	0.253 0.0	1.0	72.5 17.1	-35.0 39.0	296	0.433 0.0	1.0
288	297	297	0.0	0.363 1.0	74.6 10.3	-31.8 33.5	288	0.3 0.0	1.0	72.6 17.7	-34.7 39.1	297	0.45 0.0	1.0	0.3 0.0	1.0	72.6 17.7	-34.7 39.1	297	0.45 0.0	1.0	
289	298	298	0.0	0.328 1.0	74.2 11.2	-32.4 34.4	289	0.348 0.0	1.0	72.8 18.4	-34.4 39.1	298	0.467 0.0	1.0	0.348 0.0	1.0	72.8 18.4	-34.4 39.1	298	0.467 0.0	1.0	
290	299	299	0.0	0.294 1.0	73.8 12.0	-33.0 35.2	290	0.389 0.0	1.0	73.0 19.0	-34.2 39.2	299	0.483 0.0	1.0	0.389 0.0	1.0	73.0 19.0	-34.2 39.2	299	0.483 0.0	1.0	
291	300	300	0.0	0.26 1.0	73.4 12.9	-33.6 36.1	291	0.422 0.0	1.0	73.1 19.6	-33.9 39.2	300	0.5 0.0	1.0	0.422 0.0							

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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: $h_{ab,d} = 21.9, 107.3, 142.4, 197.9, 293.8, 326.1$ ; Six hue angles of the elementary colours e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*dd$	$rgb^*ds$	$rgb^*de$			
291	300	300	0.0 0.26 1.0	73.4 12.9 -33.6 36.1 291	0.422 0.0 1.0	73.1 19.6 -33.9 39.2 300	0.5 0.0 1.0	0.422 0.0 1.0	73.1 19.6 -33.9 39.2 300	0.5 0.0 1.0	0.422 0.0 1.0	73.1 19.6 -33.9 39.2 300	0.5 0.0 1.0	0.422 0.0 1.0	73.1 19.6 -33.9 39.2 300	0.5 0.0 1.0
292	301	301	0.0 0.202 1.0	72.9 13.9 -34.3 37.0 292	0.455 0.0 1.0	73.3 20.2 -33.6 39.3 301	0.517 0.0 1.0	0.455 0.0 1.0	73.3 20.2 -33.6 39.3 301	0.517 0.0 1.0	0.455 0.0 1.0	73.3 20.2 -33.6 39.3 301	0.517 0.0 1.0	0.455 0.0 1.0	73.3 20.2 -33.6 39.3 301	0.517 0.0 1.0
293	302	302	0.0 0.135 1.0	72.5 14.9 -34.9 38.1 293 $B_d$	0.488 0.0 1.0	73.5 20.9 -33.3 39.4 302	0.533 0.0 1.0	0.488 0.0 1.0	73.5 20.9 -33.3 39.4 302	0.533 0.0 1.0	0.488 0.0 1.0	73.5 20.9 -33.3 39.4 302	0.533 0.0 1.0	0.488 0.0 1.0	73.5 20.9 -33.3 39.4 302	0.533 0.0 1.0
294	303	303	0.033 0.0 1.0	72.1 15.9 -35.5 39.0 294	0.516 0.0 1.0	73.7 21.5 -33.0 39.5 303	0.55 0.0 1.0	0.516 0.0 1.0	73.7 21.5 -33.0 39.5 303	0.55 0.0 1.0	0.516 0.0 1.0	73.7 21.5 -33.0 39.5 303	0.55 0.0 1.0	0.516 0.0 1.0	73.7 21.5 -33.0 39.5 303	0.55 0.0 1.0
295	304	304	0.171 0.0 1.0	72.3 16.5 -35.2 39.0 295	0.541 0.0 1.0	73.8 22.2 -32.7 39.6 304	0.567 0.0 1.0	0.541 0.0 1.0	73.8 22.2 -32.7 39.6 304	0.567 0.0 1.0	0.541 0.0 1.0	73.8 22.2 -32.7 39.6 304	0.567 0.0 1.0	0.541 0.0 1.0	73.8 22.2 -32.7 39.6 304	0.567 0.0 1.0
296	305	305	0.253 0.0 1.0	72.5 17.1 -35.0 39.0 296	0.567 0.0 1.0	74.0 22.8 -32.5 39.7 305	0.583 0.0 1.0	0.567 0.0 1.0	74.0 22.8 -32.5 39.7 305	0.583 0.0 1.0	0.567 0.0 1.0	74.0 22.8 -32.5 39.7 305	0.583 0.0 1.0	0.567 0.0 1.0	74.0 22.8 -32.5 39.7 305	0.583 0.0 1.0
297	306	306	0.3 0.0 1.0	72.6 17.7 -34.7 39.1 297	0.592 0.0 1.0	74.2 23.4 -32.2 39.9 306	0.6 0.0 1.0	0.592 0.0 1.0	74.2 23.4 -32.2 39.9 306	0.6 0.0 1.0	0.592 0.0 1.0	74.2 23.4 -32.2 39.9 306	0.6 0.0 1.0	0.592 0.0 1.0	74.2 23.4 -32.2 39.9 306	0.6 0.0 1.0
298	307	307	0.348 0.0 1.0	72.8 18.4 -34.4 39.1 298	0.618 0.0 1.0	74.4 24.1 -31.8 40.0 307	0.617 0.0 1.0	0.618 0.0 1.0	74.4 24.1 -31.8 40.0 307	0.617 0.0 1.0	0.618 0.0 1.0	74.4 24.1 -31.8 40.0 307	0.617 0.0 1.0	0.618 0.0 1.0	74.4 24.1 -31.8 40.0 307	0.617 0.0 1.0
299	308	308	0.389 0.0 1.0	73.0 19.0 -34.2 39.2 299	0.64 0.0 1.0	74.6 24.7 -31.6 40.2 308	0.633 0.0 1.0	0.64 0.0 1.0	74.6 24.7 -31.6 40.2 308	0.633 0.0 1.0	0.64 0.0 1.0	74.6 24.7 -31.6 40.2 308	0.633 0.0 1.0	0.64 0.0 1.0	74.6 24.7 -31.6 40.2 308	0.633 0.0 1.0
300	309	309	0.422 0.0 1.0	73.1 19.6 -33.9 39.2 300	0.662 0.0 1.0	74.8 25.4 -31.3 40.4 309	0.65 0.0 1.0	0.662 0.0 1.0	74.8 25.4 -31.3 40.4 309	0.65 0.0 1.0	0.662 0.0 1.0	74.8 25.4 -31.3 40.4 309	0.65 0.0 1.0	0.662 0.0 1.0	74.8 25.4 -31.3 40.4 309	0.65 0.0 1.0
301	310	310	0.455 0.0 1.0	73.3 20.2 -33.6 39.3 301	0.683 0.0 1.0	75.0 26.1 -31.0 40.5 310	0.667 0.0 1.0	0.683 0.0 1.0	75.0 26.1 -31.0 40.5 310	0.667 0.0 1.0	0.683 0.0 1.0	75.0 26.1 -31.0 40.5 310	0.667 0.0 1.0	0.683 0.0 1.0	75.0 26.1 -31.0 40.5 310	0.667 0.0 1.0
302	311	311	0.488 0.0 1.0	73.5 20.9 -33.3 39.4 302	0.705 0.0 1.0	75.2 26.7 -30.6 40.7 311	0.683 0.0 1.0	0.705 0.0 1.0	75.2 26.7 -30.6 40.7 311	0.683 0.0 1.0	0.705 0.0 1.0	75.2 26.7 -30.6 40.7 311	0.683 0.0 1.0	0.705 0.0 1.0	75.2 26.7 -30.6 40.7 311	0.683 0.0 1.0
303	312	312	0.516 0.0 1.0	73.7 21.5 -33.0 39.5 303	0.727 0.0 1.0	75.3 27.4 -30.3 40.9 312	0.7 0.0 1.0	0.727 0.0 1.0	75.3 27.4 -30.3 40.9 312	0.7 0.0 1.0	0.727 0.0 1.0	75.3 27.4 -30.3 40.9 312	0.7 0.0 1.0	0.727 0.0 1.0	75.3 27.4 -30.3 40.9 312	0.7 0.0 1.0
304	313	313	0.541 0.0 1.0	73.8 22.2 -32.7 39.6 304	0.748 0.0 1.0	75.5 28.0 -30.0 41.1 313	0.717 0.0 1.0	0.727 0.0 1.0	75.5 28.0 -30.0 41.1 313	0.717 0.0 1.0	0.727 0.0 1.0	75.5 28.0 -30.0 41.1 313	0.717 0.0 1.0	0.727 0.0 1.0	75.5 28.0 -30.0 41.1 313	0.717 0.0 1.0
305	314	313	0.567 0.0 1.0	74.0 22.8 -32.5 39.7 305	0.768 0.0 1.0	75.7 28.7 -29.7 41.4 314	0.733 0.0 1.0	0.748 0.0 1.0	75.7 28.7 -29.7 41.4 314	0.733 0.0 1.0	0.748 0.0 1.0	75.7 28.7 -29.7 41.4 314	0.733 0.0 1.0	0.748 0.0 1.0	75.7 28.7 -29.7 41.4 313	0.733 0.0 1.0
306	315	314	0.592 0.0 1.0	74.2 23.4 -32.2 39.9 306	0.787 0.0 1.0	76.0 29.4 -29.3 41.6 315	0.75 0.0 1.0	0.768 0.0 1.0	76.0 29.4 -29.3 41.6 315	0.75 0.0 1.0	0.768 0.0 1.0	76.0 29.4 -29.3 41.6 315	0.75 0.0 1.0	0.768 0.0 1.0	76.0 29.4 -29.3 41.6 315	0.75 0.0 1.0
307	316	315	0.618 0.0 1.0	74.4 24.1 -31.8 40.0 307	0.807 0.0 1.0	76.2 30.1 -29.0 41.9 316	0.767 0.0 1.0	0.787 0.0 1.0	76.2 30.1 -29.0 41.9 316	0.767 0.0 1.0	0.787 0.0 1.0	76.2 30.1 -29.0 41.9 316	0.767 0.0 1.0	0.787 0.0 1.0	76.2 30.1 -29.0 41.9 316	0.767 0.0 1.0
308	317	316	0.64 0.0 1.0	74.6 24.7 -31.6 40.2 308	0.827 0.0 1.0	76.4 30.8 -28.7 42.2 317	0.783 0.0 1.0	0.807 0.0 1.0	76.4 30.8 -28.7 42.2 317	0.783 0.0 1.0	0.807 0.0 1.0	76.4 30.8 -28.7 42.2 317	0.783 0.0 1.0	0.807 0.0 1.0	76.4 30.8 -28.7 42.2 317	0.783 0.0 1.0
309	318	317	0.662 0.0 1.0	74.8 25.4 -31.3 40.4 309	0.846 0.0 1.0	76.6 31.5 -28.3 42.4 318	0.8 0.0 1.0	0.827 0.0 1.0	76.6 31.5 -28.3 42.4 318	0.8 0.0 1.0	0.827 0.0 1.0	76.6 31.5 -28.3 42.4 318	0.8 0.0 1.0	0.827 0.0 1.0	76.6 31.5 -28.3 42.4 317	0.8 0.0 1.0
310	319	318	0.683 0.0 1.0	75.0 26.1 -31.0 40.5 310	0.866 0.0 1.0	76.8 32.2 -27.9 42.7 319	0.817 0.0 1.0	0.846 0.0 1.0	76.8 32.2 -27.9 42.7 319	0.817 0.0 1.0	0.846 0.0 1.0	76.8 32.2 -27.9 42.7 319	0.817 0.0 1.0	0.846 0.0 1.0	76.8 32.2 -27.9 42.7 318	0.817 0.0 1.0
311	320	319	0.705 0.0 1.0	75.2 26.7 -30.6 40.7 311	0.885 0.0 1.0	77.0 33.0 -27.5 43.0 320	0.833 0.0 1.0	0.866 0.0 1.0	77.0 33.0 -27.5 43.0 320	0.833 0.0 1.0	0.866 0.0 1.0	77.0 33.0 -27.5 43.0 320	0.833 0.0 1.0	0.866 0.0 1.0	77.0 33.0 -27.5 43.0 320	0.833 0.0 1.0
312	321	320	0.727 0.0 1.0	75.3 27.4 -30.3 40.9 312	0.904 0.0 1.0	77.3 33.7 -27.2 43.4 321	0.85 0.0 1.0	0.885 0.0 1.0	77.3 33.7 -27.2 43.4 321	0.85 0.0 1.0	0.885 0.0 1.0	77.3 33.7 -27.2 43.4 321	0.85 0.0 1.0	0.885 0.0 1.0	77.3 33.7 -27.2 43.4 321	0.85 0.0 1.0
313	322	321	0.748 0.0 1.0	75.5 28.0 -30.0 41.1 313	0.923 0.0 1.0	77.5 34.5 -26.8 43.7 322	0.867 0.0 1.0	0.904 0.0 1.0	77.5 34.5 -26.8 43.7 322	0.867 0.0 1.0	0.904 0.0 1.0	77.5 34.5 -26.8 43.7 322	0.867 0.0 1.0	0.904 0.0 1.0	77.5 34.5 -26.8 43.7 322	0.867 0.0 1.0
314	323	322	0.768 0.0 1.0	75.7 28.7 -29.7 41.4 314	0.942 0.0 1.0	77.8 35.2 -26.4 44.1 323	0.883 0.0 1.0	0.923 0.0 1.0	77.8 35.2 -26.4 44.1 323	0.883 0.0 1.0	0.923 0.0 1.0	77.8 35.2 -26.4 44.1 323	0.883 0.0 1.0	0.923 0.0 1.0	77.8 35.2 -26.4 44.1 322	0.883 0.0 1.0
315	324	323	0.787 0.0 1.0	76.0 29.4 -29.3 41.6 315	0.961 0.0 1.0	78.0 36.0 -26.0 44.5 324	0.9 0.0 1.0	0.942 0.0 1.0	78.0 36.0 -26.0 44.5 324	0.9 0.0 1.0	0.942 0.0 1.0	78.0 36.0 -26.0 44.5 324	0.9 0.0 1.0	0.942 0.0 1.0	78.0 36.0 -26.0 44.5 323	0.9 0.0 1.0
316	325	324	0.807 0.0 1.0	76.2 30.1 -29.0 41.9 316	0.98 0.0 1.0	78.2 36.7 -25.6 44.8 325	0.917 0.0 1.0	0.961 0.0 1.0	78.2 36.7 -25.6 44.8 325	0.917 0.0 1.0	0.961 0.0 1.0	78.2 36.7 -25.6 44.8 325	0.917 0.0 1.0	0.961 0.0 1.0	78.2 36.7 -25.6 44.8 324	0.917 0.0 1.0
317	326	325	0.827 0.0 1.0	76.4 30.8 -28.7 42.2 317	0.999 0.0 1.0	78.5 37.5 -25.2 45.2 326	0.933 0.0 1.0	0.98 0.0 1.0	78.5 37.5 -25.2 45.2 326	0.933 0.0 1.0	0.98 0.0 1.0	78.5 37.5 -25.2 45.2 326	0.933 0.0 1.0	0.98 0.0 1.0	78.5 37.5 -25.2 45.2 325	0.933 0.0 1.0
318	327	326	0.846 0.0 1.0	76.6 31.5 -28.3 42.4 318	1.0 0.0	78.4 37.4 -27.2 44.4 327	0.95 0.0 1.0	0.999 0.0 1.0	78.4 37.4 -27.2 44.4 327	0.95 0.0 1.0	0.999 0.0 1.0	78.4 37.4 -27.2 44.4 326	0.95 0.0 1.0	0.999 0.0 1.0	78.4 37.4 -27.2 44.4 325	0.95 0.0 1.0
319	328	327	0.866 0.0 1.0	76.8 32.2 -27.9 42.7 319	1.0 0.0	78.6 36.9 -23.0 43.5 328	0.967 0.0 1.0	1.0 0.0	78.6 36.9 -23.0 43.5 328	0.967 0.0 1.0	1.0 0.0	78.6 36.9 -23.0 43.5 328	0.967 0.0 1.0	1.0 0.0	78.6 36.9 -23.0 43.5 327	0.967 0.0 1.0
320	329	328	0.885 0.0 1.0	77.0 33.0 -27.5 43.0 320	1.0 0.0	79.4 36.6 -21.9 42.6 329	0.983 0.0 1.0	1.0 0.0	79.4 36.6 -21.9 42.6 329	0.983 0.0 1.0	1.0 0.0	79.4 36.6 -21.9 42.6 329	0.983 0.0 1.0	1.0 0.0	79.4 36.6 -21.9 42.6 328	0.983 0.0 1.0
321	330	329	0.904 0.0 1.0	77.3 33.7 -27.2 43.4 321	1.0 0.0	79.8 36.2 -20.8 41.8 330	1.0 0.0 0.0	1.0M <sub>s</sub>	1.0 0.0 0.0	1.0M <sub>e</sub>	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	1.0 0.0 0.0	1.0M <sub>e</sub>
322	331	330	0.923 0.0 1.0	77.5 34.5 -26.8 43.7 322	1.0 0.0	81.4 35.8 -19.7 40.9 331	1.0 0.0 0.0	0.983	1.0 0.0 0.0	0.983	1.0 0.0 0.0	0.983	1.0 0.0 0.0	0.983	1.0 0.0 0.0	0.983
323	332	331	0.942 0.0 1.0	77.8 35.2 -26.4 44.1 323	1.0 0.0	81.7 35.3 -18.7 40.0 332	1.0 0.0 0.0	0.967	1.0 0.0 0.0	0.967	1.0 0.0 0.0	0.967	1.0 0.0 0.0	0.967	1.0 0.0 0.0	0.967
324	333	331	0.961 0.0 1.0	78.0 36.0 -26.0 44.5 324	1.0 0.0	82.8 34.9 -17.7 39.1 333	1.0 0.0 0.0	0.95	1.0 0.0 0.0	0.95	1.0 0.0 0.0	0.95	1.0 0.0 0.0	0.95	1.0 0.0 0.0	0.95
325	334	332	0.98 0.0 1.0	78.2 36.7 -25.6 44.8 325	1.0 0.0	83.5 34.6 -16.8 38.5 334	1.0 0.0 0.0	0.933	1.0 0.0 0.0	0.933	1.0 0.0 0.0	0.933	1.0 0.0 0.0	0.933	1.0 0.0 0.0	0.933
326	335	333	0.999 0.0 1.0	78.5 37.5 -25.2 45.2 326	1.0 0.0	85.1 34.4 -15.9 37.9 335										

Data of Maximum color M in colorimetric system sRGB standard device; no separation, D65 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:  $h_{ab,d} = 21.9, 107.3, 142.4, 197.9, 293.8, 326.1$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*dd361Mi$	$LAB^*dd361Mix(x=LabCh)$	$rgb^*ds361Mi$	$LAB^*ds361Mix(x=LabCh)$	$rgb^*s50M$	$rgb^*de361Mi$	$LAB^*de361Mix(x=LabCh)$	$rgb^*e50M$	$rgb^*ddrgb^*ds$	$rgb^*de$	
336	345	343	1.0 0.0 0.837	77.8 34.1 -15.1	37.4 336	77.4 31.9 -8.5	33.0 345	0.0 0.0 0.75	0.0 0.0 0.74	77.5 32.2 -9.8	33.7 343	1.0 0.0 0.75	77.5 32.2 -9.8
337	346	344	1.0 0.0 0.823	77.8 33.9 -14.3	36.8 337	77.4 31.7 -7.8	32.7 346	0.0 0.0 0.733	0.0 0.0 0.728	77.5 32.1 -9.1	33.4 344	1.0 0.0 0.733	77.5 32.1 -9.1
338	347	345	1.0 0.0 0.809	77.7 33.6 -13.5	36.3 338	77.3 31.6 -7.2	32.4 347	0.0 0.0 0.717	0.0 0.0 0.715	77.4 31.9 -8.5	33.0 345	1.0 0.0 0.717	77.4 31.9 -8.5
339	348	346	1.0 0.0 0.795	77.7 33.4 -12.7	35.7 339	77.3 31.4 -6.6	32.1 348	0.0 0.0 0.7	0.0 0.0 0.703	77.4 31.7 -7.8	32.7 346	1.0 0.0 0.7	77.4 31.7 -7.8
340	349	347	1.0 0.0 0.781	77.6 33.1 -11.9	35.2 340	77.3 31.1 -6.0	31.7 349	0.0 0.0 0.683	0.0 0.0 0.691	77.3 31.6 -7.2	32.4 347	1.0 0.0 0.683	77.3 31.6 -7.2
341	350	348	1.0 0.0 0.767	77.6 32.7 -11.2	34.6 341	77.2 30.9 -5.4	31.4 350	0.0 0.0 0.667	0.0 0.0 0.678	77.3 31.4 -6.6	32.1 348	1.0 0.0 0.667	77.3 31.4 -6.6
342	351	349	1.0 0.0 0.753	77.5 32.4 -10.4	34.1 342	77.2 30.7 -4.8	31.1 351	0.0 0.0 0.65	0.0 0.0 0.666	77.3 31.1 -6.0	31.7 349	1.0 0.0 0.65	77.3 31.1 -6.0
343	352	349	1.0 0.0 0.74	77.5 32.2 -9.8	33.7 343	77.2 30.4 -4.2	30.7 352	0.0 0.0 0.633	0.0 0.0 0.666	77.3 31.1 -6.0	31.7 349	1.0 0.0 0.633	77.3 31.1 -6.0
344	353	350	1.0 0.0 0.728	77.5 32.1 -9.1	33.4 344	77.1 30.3 -3.6	30.5 353	0.0 0.0 0.617	0.0 0.0 0.654	77.2 30.9 -5.4	31.4 350	1.0 0.0 0.617	77.2 30.9 -5.4
345	354	351	1.0 0.0 0.715	77.4 31.9 -8.5	33.0 345	77.1 30.2 -3.1	30.3 354	0.0 0.0 0.6	0.0 0.0 0.641	77.2 30.7 -4.8	31.1 351	1.0 0.0 0.6	77.2 30.7 -4.8
346	355	352	1.0 0.0 0.703	77.4 31.7 -7.8	32.7 346	77.1 30.0 -2.5	30.2 355	0.0 0.0 0.583	0.0 0.0 0.629	77.2 30.4 -4.2	30.7 352	1.0 0.0 0.583	77.2 30.4 -4.2
347	356	353	1.0 0.0 0.691	77.3 31.6 -7.2	32.4 347	77.1 29.9 -2.0	30.0 356	0.0 0.0 0.567	0.0 0.0 0.617	77.1 30.3 -3.6	30.5 353	1.0 0.0 0.567	77.1 30.3 -3.6
348	357	354	1.0 0.0 0.678	77.3 31.4 -6.6	32.1 348	77.0 29.8 -1.5	29.8 357	0.0 0.0 0.55	0.0 0.0 0.604	77.1 30.2 -3.1	30.3 354	1.0 0.0 0.55	77.1 30.2 -3.1
349	358	355	1.0 0.0 0.666	77.3 31.1 -6.0	31.7 349	77.0 29.6 -0.9	29.6 358	0.0 0.0 0.533	0.0 0.0 0.592	77.1 30.0 -2.5	30.2 355	1.0 0.0 0.533	77.1 30.0 -2.5
350	359	356	1.0 0.0 0.654	77.2 30.9 -5.4	31.4 350	77.0 29.4 -0.4	29.4 359	0.0 0.0 0.517	0.0 0.0 0.579	77.1 29.9 -2.0	30.0 356	1.0 0.0 0.517	77.1 29.9 -2.0
351	360	357	1.0 0.0 0.641	77.2 30.7 -4.8	31.1 351	77.0 29.3 0.0	29.3 0	0.0 0.0 0.5	0.0 0.0 0.567	77.0 29.8 -1.5	29.8 357	1.0 0.0 0.5	77.0 29.8 -1.5
352	361	358	1.0 0.0 0.629	77.2 30.4 -4.2	30.7 352	76.9 29.1 0.5	29.1 1	0.0 0.0 0.483	0.0 0.0 0.554	77.0 29.6 -0.9	29.6 358	1.0 0.0 0.483	77.0 29.6 -0.9
353	362	359	1.0 0.0 0.617	77.1 30.3 -3.6	30.5 353	76.9 28.9 1.0	28.9 2	0.0 0.0 0.467	0.0 0.0 0.542	77.0 29.4 -0.4	29.4 359	1.0 0.0 0.467	77.0 29.4 -0.4
354	363	360	1.0 0.0 0.604	77.1 30.2 -3.1	30.3 354	76.9 28.7 1.5	28.8 3	0.0 0.0 0.45	0.0 0.0 0.529	76.9 29.3 0.0	29.3 0	1.0 0.0 0.45	76.9 29.3 0.0
355	364	361	1.0 0.0 0.592	77.1 30.0 -2.5	30.2 355	76.8 28.6 2.0	28.7 4	0.0 0.0 0.433	0.0 0.0 0.517	76.9 29.1 0.5	29.1 1	1.0 0.0 0.433	76.9 29.1 0.5
356	365	362	1.0 0.0 0.579	77.1 29.9 -2.0	30.0 356	76.8 28.5 2.5	28.6 5	0.0 0.0 0.417	0.0 0.0 0.505	76.9 28.9 1.0	28.9 2	1.0 0.0 0.417	76.9 28.9 1.0
357	366	363	1.0 0.0 0.567	77.0 29.8 -1.5	29.8 357	76.8 28.4 3.0	28.5 6	0.0 0.0 0.4	0.0 0.0 0.491	76.9 28.7 1.5	28.8 3	1.0 0.0 0.4	76.9 28.7 1.5
358	367	364	1.0 0.0 0.554	77.0 29.6 -0.9	29.6 358	76.8 28.3 3.5	28.5 7	0.0 0.0 0.383	0.0 0.0 0.476	76.8 28.6 2.0	28.7 4	1.0 0.0 0.383	76.8 28.6 2.0
359	368	365	1.0 0.0 0.542	77.0 29.4 -0.4	29.4 359	76.7 28.1 4.0	28.4 8	0.0 0.0 0.367	0.0 0.0 0.461	76.8 28.5 2.5	28.6 5	1.0 0.0 0.367	76.8 28.5 2.5
0	369	366	1.0 0.0 0.529	76.9 29.3 0.0	29.3 0	76.7 28.0 4.4	28.3 9	0.0 0.0 0.35	0.0 0.0 0.447	76.8 28.4 3.0	28.5 6	1.0 0.0 0.35	76.8 28.4 3.0
1	370	367	1.0 0.0 0.517	76.9 29.1 0.5	29.1 1	76.7 27.8 4.9	28.2 10	0.0 0.0 0.333	0.0 0.0 0.432	76.8 28.3 3.5	28.5 7	1.0 0.0 0.333	76.8 28.3 3.5
2	371	367	1.0 0.0 0.505	76.9 28.9 1.0	28.9 2	76.7 27.6 5.4	28.2 11	0.0 0.0 0.317	0.0 0.0 0.432	76.8 28.3 3.5	28.5 7	1.0 0.0 0.317	76.8 28.3 3.5
3	372	368	1.0 0.0 0.491	76.9 28.7 1.5	28.8 3	76.6 27.5 5.9	28.2 12	0.0 0.0 0.3	0.0 0.0 0.417	76.7 28.1 4.0	28.4 8	1.0 0.0 0.3	76.7 28.1 4.0
4	373	369	1.0 0.0 0.476	76.8 28.6 2.0	28.7 4	76.6 27.4 6.3	28.1 13	0.0 0.0 0.283	0.0 0.0 0.403	76.7 28.0 4.4	28.3 9	1.0 0.0 0.283	76.7 28.0 4.4
5	374	370	1.0 0.0 0.461	76.8 28.5 2.5	28.6 5	76.6 27.3 6.8	28.1 14	0.0 0.0 0.267	0.0 0.0 0.388	76.7 27.8 4.9	28.2 10	1.0 0.0 0.267	76.7 27.8 4.9
6	375	371	1.0 0.0 0.447	76.8 28.4 3.0	28.5 6	76.6 27.2 7.3	28.1 15	0.0 0.0 0.25	0.0 0.0 0.373	76.7 27.6 5.4	28.2 11	1.0 0.0 0.25	76.7 27.6 5.4
7	376	372	1.0 0.0 0.432	76.8 28.3 3.5	28.5 7	76.6 27.0 7.8	28.1 16	0.0 0.0 0.233	0.0 0.0 0.352	76.6 27.5 5.9	28.2 12	1.0 0.0 0.233	76.6 27.5 5.9
8	377	373	1.0 0.0 0.417	76.7 28.1 4.0	28.4 8	76.5 26.9 8.2	28.1 17	0.0 0.0 0.217	0.0 0.0 0.332	76.6 27.4 6.3	28.1 13	1.0 0.0 0.217	76.6 27.4 6.3
9	378	374	1.0 0.0 0.403	76.7 28.0 4.4	28.3 9	76.5 26.8 8.7	28.1 18	0.0 0.0 0.2	0.0 0.0 0.311	76.6 27.3 6.8	28.1 14	1.0 0.0 0.2	76.6 27.3 6.8
10	379	375	1.0 0.0 0.388	76.7 27.8 4.9	28.2 10	76.5 26.6 9.2	28.2 19	0.0 0.0 0.183	0.0 0.0 0.291	76.6 27.2 7.3	28.1 15	1.0 0.0 0.183	76.6 27.2 7.3
11	380	376	1.0 0.0 0.373	76.7 27.6 5.4	28.2 11	76.5 26.5 9.7	28.2 20	0.0 0.0 0.167	0.0 0.0 0.27	76.6 27.0 7.8	28.1 16	1.0 0.0 0.167	76.6 27.0 7.8
12	381	377	1.0 0.0 0.352	76.6 27.5 5.9	28.2 12	76.4 26.4 10.1	28.3 21	0.0 0.0 0.15	0.0 0.0 0.249	76.5 26.9 8.2	28.1 17	1.0 0.0 0.15	76.5 26.9 8.2
13	382	378	1.0 0.0 0.332	76.6 27.4 6.3	28.1 13	76.4 26.2 10.6	28.3 22	0.0 0.0 0.133	0.0 0.0 0.214	76.5 26.8 8.7	28.1 18	1.0 0.0 0.133	76.5 26.8 8.7
14	383	379	1.0 0.0 0.311	76.6 27.3 6.8	28.1 14	76.7 25.7 10.9	27.9 23	0.0 0.0 0.117	0.0 0.0 0.178	76.5 26.6 9.2	28.2 19	1.0 0.0 0.117	76.5 26.6 9.2
15	384	380	1.0 0.0 0.291	76.6 27.2 7.3	28.1 15	76.9 25.2 11.2	27.6 24	0.0 0.0 0.1	0.0 0.0 0.143	76.5 26.5 9.7	28.2 20	1.0 0.0 0.1	76.5 26.5 9.7
16	385	381	1.0 0.0 0.27	76.6 27.0 7.8	28.1 16	77.1 24.7 11.5	27.3 25	0.0 0.0 0.083	0.0 0.0 0.081	76.4 26.4 10.1	28.3 21	1.0 0.0 0.083	76.4 26.4 10.1
17	386	382	1.0 0.0 0.249	76.5 26.9 8.2	28.1 17	77.3 24.2 11.8	27.0 26	0.0 0.0 0.067	0.0 0.0 0.099	76.4 26.2 10.6	28.3 22	1.0 0.0 0.067	76.4 26.2 10.6
18	387	383	1.0 0.0 0.214	76.5 26.8 8.7	28.1 18	77.5 23.8 12.1	26.7 27	0.0 0.0 0.05	0.0 0.0 0.102	76.7 25.7 10.9	27.9 23	1.0 0.0 0.05	76.7 25.7 10.9
19	388	384	1.0 0.0 0.178	76.5 26.6 9.2	28.2 19	77.7 23.3 12.4	26.4 28	0.0 0.0 0.033	0.0 0.0 0.151	76.9 25.2 11.2	27.6 24	1.0 0.0 0.033	76.9 25.2 11.2
20	389	385	1.0 0.0 0.143	76.5 26.5 9.7	28.2 20	77.9 22.9 12.7	26.2 29	0.0 0.0 0.017	0.0 0.0 0.186	77.1 24.7 11.5	27.3 25	1.0 0.0 0.017	77.1 24.7 11.5
21	390	385	1.0 0.0 0.081	76.4 26.4 10.1	28.3 21	78.1 22.5 13.0	26.0 30	0.0 0.0 0.0R_s	0.0 0.0 0.186	77.1 24.7 11.5	27.3 25	1.0 0.0 0.0R_e	77.1 24.7 11.5