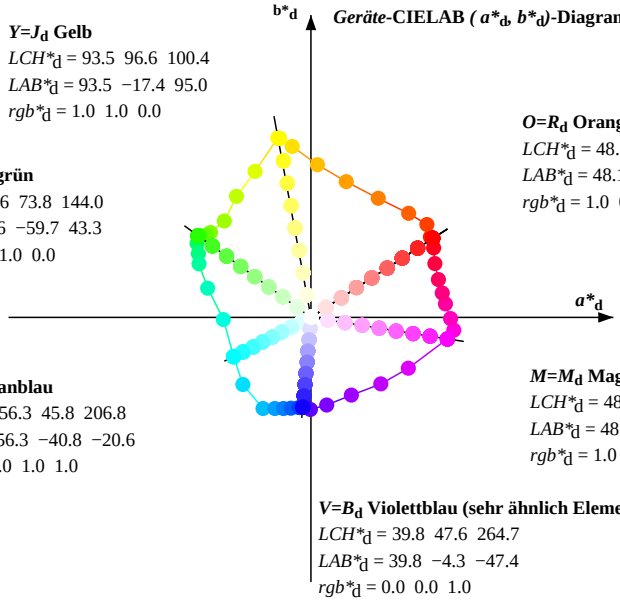
Daten der Maximalfarbe M im Farbmetrik-Sytem Laserdrucker HRS18_96; ohne Separation, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *s:* $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *d:* $h_{ab,d}$ = 32.9, 100.4, 144.1, 206.8, 264.8, 351.1; Sechs Bunttonwinkel der Elementarfarben *e:* $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

***Geräte*-CIELAB (a^*_d, b^*_d)-Diagramm**



$Y=J_d$ Gelb
LCH^*_d = 93.5 96.6 100.4
LAB^*_d = 93.5 −17.4 95.0
rgb^*_d = 1.0 1.0 0.0

$O=R_d$ Orangerot
LCH^*_d = 48.1 76.8 32.9
LAB^*_d = 48.1 64.5 41.8
rgb^*_d = 1.0 0.0 0.0

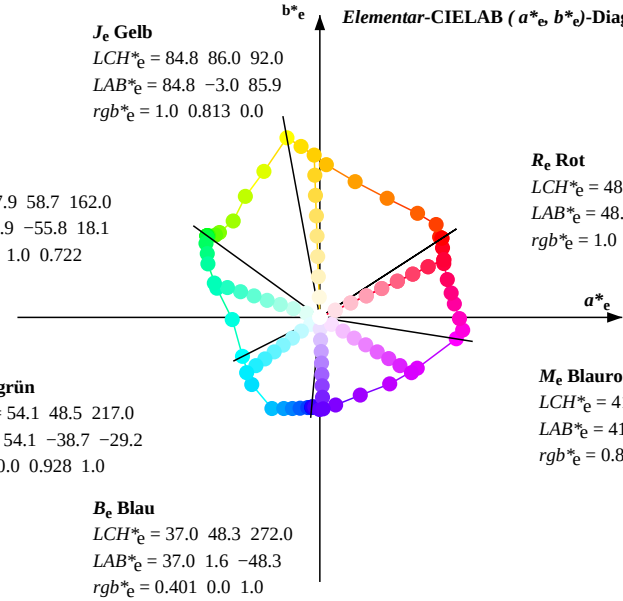
$L=G_d$ Laubgrün
LCH^*_d = 59.6 73.8 144.0
LAB^*_d = 59.6 −59.7 43.3
rgb^*_d = 0.0 1.0 0.0

$C=C_d$ Cyanblau
LCH^*_d = 56.3 45.8 206.8
LAB^*_d = 56.3 −40.8 −20.6
rgb^*_d = 0.0 1.0 1.0

$M=M_d$ Magentarot
LCH^*_d = 48.2 73.0 351.0
LAB^*_d = 48.2 72.2 −11.3
rgb^*_d = 1.0 0.0 1.0

$V=B_d$ Violettblau (sehr ähnlich Elementar-Blau)
LCH^*_d = 39.8 47.6 264.7
LAB^*_d = 39.8 −4.3 −47.4
rgb^*_d = 0.0 0.0 1.0

***Elementar*-CIELAB (a^*_e, b^*_e)-Diagramm**



J_e Gelb
LCH^*_e = 84.8 86.0 92.0
LAB^*_e = 84.8 −3.0 85.9
rgb^*_e = 1.0 0.813 0.0

G_e Grün
LCH^*_e = 57.9 58.7 162.0
LAB^*_e = 57.9 −55.8 18.1
rgb^*_e = 0.0 1.0 0.722

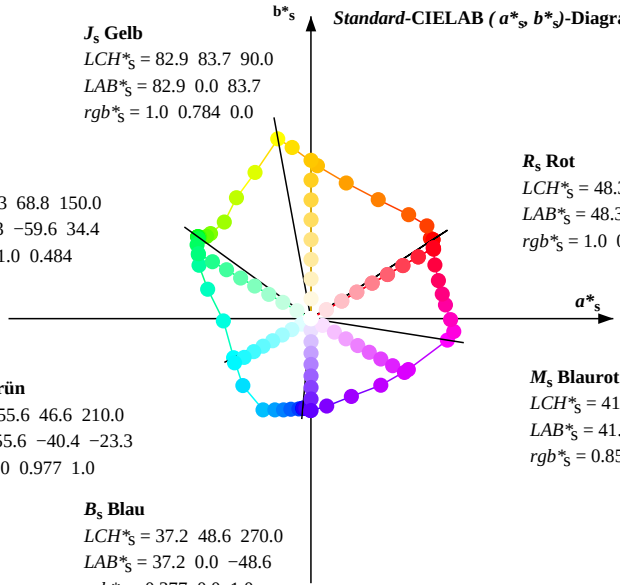
R_e Rot
LCH^*_e = 48.2 72.2 25.0
LAB^*_e = 48.2 65.5 30.5
rgb^*_e = 1.0 0.0 0.217

C_e Blaugrün
LCH^*_e = 54.1 48.5 217.0
LAB^*_e = 54.1 −38.7 −29.2
rgb^*_e = 0.0 0.928 1.0

M_e Blaurot
LCH^*_e = 41.3 56.6 329.0
LAB^*_e = 41.3 48.5 −29.1
rgb^*_e = 0.848 0.0 1.0

B_e Blau
LCH^*_e = 37.0 48.3 272.0
LAB^*_e = 37.0 1.6 −48.3
rgb^*_e = 0.401 0.0 1.0

***Standard*-CIELAB (a^*_s, b^*_s)-Diagramm**



J_s Gelb
LCH^*_s = 82.9 83.7 90.0
LAB^*_s = 82.9 0.0 83.7
rgb^*_s = 1.0 0.784 0.0

G_s Grün
LCH^*_s = 58.3 68.8 150.0
LAB^*_s = 58.3 −59.6 34.4
rgb^*_s = 0.0 1.0 0.484

R_s Rot
LCH^*_s = 48.3 74.8 30.0
LAB^*_s = 48.3 64.8 37.4
rgb^*_s = 1.0 0.0 0.106

C_s Blaugrün
LCH^*_s = 55.6 46.6 210.0
LAB^*_s = 55.6 −40.4 −23.3
rgb^*_s = 0.0 0.977 1.0

M_s Blaurot
LCH^*_s = 41.5 57.0 330.0
LAB^*_s = 41.5 49.4 −28.5
rgb^*_s = 0.856 0.0 1.0

B_s Blau
LCH^*_s = 37.2 48.6 270.0
LAB^*_s = 37.2 0.0 −48.6
rgb^*_s = 0.377 0.0 1.0

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

1. Für die rgb^*_d-Eingabedaten wurden die CIELAB−Daten LCH^*_d und LAB^*_d gemessen.

$h_{ab,s}$ rgb^*_d

$$h_{ab,s} = atan\,[\,r^*_d\cos(30) + g^*_d\cos(150)\,]\,/\,[\,r^*_d\sin(30) + g^*_d\sin(150) + b^*_d\sin(270)\,] \quad (1)$$

3. Für die 48 oder 360 gleichabständig gestuften Standard-Bunttonwinkel $h_{ab,s}$ der Farben von maximaler Buntheit benutze die sieben Bunttonwinkel der 60Grad-Farben *s:* $h_{ab,si}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0 (i=0,6) und die Gleichungen für einen 48- und 360-stufigen Bunttonkreis:

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

$$h_{360ab,sij} = h_{ab,si} + j\,[h_{ab,si+1} - h_{ab,si}\,]\,/60\ (\,i = 0, 1, ..., 5;\ j = 0, 1, ..., 59) \quad (3)$$

4. Für die 48 oder 360 Elementar-Bunttonwinkel $h_{ab,e}$ der Farben von maximaler Buntheit benutze die sieben Bunttonwinkel der Elementar-Farben *e:* $h_{ab,ei}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5 (i=0,6) und die Gleichungen für einen 48- und 360-stufigen Elementar-Bunttonkreis:

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

$$h_{360ab,eij} = h_{ab,ei} + j\,[h_{ab,ei+1} - h_{ab,ei}\,]\,/60\ (\,i = 0, 1, ..., 5;\ j = 0, 1, ..., 59) \quad (5)$$

5. Für jeden Elementar-Bunttonwinkel $h_{ab,e}$ gibt es einem genau definierten Geräte-Bunttonwinkel $h_{ab,d}$ siehe die folgenden Tabellen, Spalten 1 bis 3.

6. Die Werte rgb^*_{de} erzeugen die Ausgabe der geräteunabhängigen Elemetar-Bunttöne

Daten der Maximalfarbe M im Farbmetrik-Sytem Laserdrucker HRS18_96; ohne Separation, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *s*: $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *d*: $h_{ab,d}$ = 32.9, 100.4, 144.1, 206.8, 264.8, 351.1; Sechs Bunttonwinkel der Elementarfarben *e*: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd50M}			LAB^*_{dd50Mx} (x=LabCh)					rgb^*_{ds50M}			LAB^*_{ds50Mx} (x=LabCh)					rgb^*_{s50M}			rgb^*_{de50M}			LAB^*_{de50Mx} (x=LabCh)					rgb^*_{e50M}			rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
32.9	30.0	25.5	1.0	0.0	0.0	48.2	64.5	41.8	76.9	32.9	1.0	0.0	0.107	48.3	64.8	37.4	74.9	30	1.0	0.0	0.0	1.0	0.0	0.218	48.2	65.5	30.6	72.3	25	1.0	0.0	0.0			
33.9	37.5	33.8	1.0	0.125	0.0	48.9	63.3	42.5	76.2	33.9	1.0	0.233	0.0	49.8	61.7	48.2	78.3	38	1.0	0.125	0.0	1.0	0.128	0.0	48.9	63.2	42.6	76.3	34	1.0	0.125	0.0			
38.6	45.0	42.2	1.0	0.25	0.0	49.9	61.4	49.1	78.7	38.6	1.0	0.347	0.0	53.7	53.9	53.9	76.2	45	1.0	0.25	0.0	1.0	0.301	0.0	51.9	57.5	51.8	77.4	42	1.0	0.25	0.0			
46.8	52.5	50.5	1.0	0.375	0.0	54.8	51.7	55.0	75.5	46.8	1.0	0.431	0.0	58.5	44.6	59.2	74.1	53	1.0	0.375	0.0	1.0	0.413	0.0	57.3	46.9	57.9	74.5	51	1.0	0.375	0.0			
60.6	60.0	58.9	1.0	0.5	0.0	63.1	35.6	63.0	72.3	60.6	1.0	0.495	0.0	62.7	36.2	62.8	72.5	60	1.0	0.5	0.0	1.0	0.486	0.0	62.1	37.4	62.3	72.7	59	1.0	0.5	0.0			
75.4	67.5	67.2	1.0	0.625	0.0	72.0	18.7	71.8	74.2	75.4	1.0	0.563	0.0	67.6	27.5	67.9	73.3	68	1.0	0.625	0.0	1.0	0.554	0.0	67.0	28.6	67.3	73.2	67	1.0	0.625	0.0			
87.6	75.0	75.6	1.0	0.75	0.0	80.7	3.3	80.9	80.9	87.6	1.0	0.621	0.0	71.8	19.2	71.6	74.2	75	1.0	0.75	0.0	1.0	0.631	0.0	72.5	18.0	72.3	74.5	76	1.0	0.75	0.0			
96.3	82.5	84.0	1.0	0.875	0.0	88.8	−9.9	90.5	91.1	96.3	1.0	0.703	0.0	77.4	9.6	77.8	78.4	83	1.0	0.875	0.0	1.0	0.713	0.0	78.1	8.3	78.5	78.9	84	1.0	0.875	0.0			
100.4	90.0	92.3	1.0	1.0	0.0	93.5	−17.4	95.1	96.7	100.4	1.0	0.784	0.0	82.9	0.0	83.7	83.7	90	1.0	1.0	0.0	1.0	0.813	0.0	84.8	−2.9	86.0	86.0	92	1.0	1.0	0.0			
110.9	97.5	101.1	0.875	1.0	0.0	82.4	−29.5	77.3	82.7	110.9	1.0	0.927	0.0	90.8	−12.9	92.5	93.4	98	0.875	1.0	0.0	0.993	1.0	0.0	92.9	−18.2	94.1	95.9	101	0.875	1.0	0.0			
121.6	105.0	109.8	0.75	1.0	0.0	74.0	−39.3	64.0	75.1	121.6	0.945	1.0	0.0	88.6	−23.3	87.5	90.6	105	0.75	1.0	0.0	0.886	1.0	0.0	83.4	−28.6	78.9	84.0	110	0.75	1.0	0.0			
131.9	112.5	118.5	0.625	1.0	0.0	67.2	−45.7	51.1	68.6	131.9	0.851	1.0	0.0	80.8	−31.6	74.8	81.3	113	0.625	1.0	0.0	0.78	1.0	0.0	76.0	−37.2	67.3	77.0	119	0.625	1.0	0.0			
139.8	120.0	127.3	0.5	1.0	0.0	62.1	−53.1	45.0	69.7	139.8	0.769	1.0	0.0	75.3	−38.0	66.1	76.3	120	0.5	1.0	0.0	0.685	1.0	0.0	70.4	−43.1	57.3	71.7	127	0.5	1.0	0.0			
141.7	127.5	136.0	0.375	1.0	0.0	61.2	−55.0	43.5	70.2	141.7	0.672	1.0	0.0	69.8	−43.7	56.0	71.1	128	0.375	1.0	0.0	0.56	1.0	0.0	64.5	−49.7	48.0	69.2	136	0.375	1.0	0.0			
143.8	135.0	144.7	0.25	1.0	0.0	60.1	−58.8	43.2	73.1	143.8	0.576	1.0	0.0	65.2	−48.7	48.8	69.0	135	0.25	1.0	0.0	0.0	1.0	0.273	59.5	−59.5	41.8	72.8	145	0.25	1.0	0.0			
144.1	142.5	153.5	0.125	1.0	0.0	59.7	−59.7	43.3	73.8	144.1	0.297	1.0	0.0	60.5	−57.4	43.3	72.0	143	0.125	1.0	0.0	0.0	1.0	0.579	57.8	−59.3	30.3	66.7	153	0.125	1.0	0.0			
144.1	150.0	162.2	0.0	1.0	0.0	59.7	−59.7	43.3	73.8	144.1	0.0	1.0	0.485	58.3	−59.5	34.4	68.9	150	0.0	1.0	0.0	0.0	1.0	0.722	57.9	−55.8	18.1	58.7	162	0.0	1.0	0.0			
144.1	157.5	169.1	0.0	1.0	0.125	59.7	−59.7	43.3	73.8	144.1	0.0	1.0	0.67	57.7	−57.8	23.4	62.4	158	0.0	1.0	0.125	0.0	1.0	0.785	58.5	−52.7	10.3	53.8	169	0.0	1.0	0.125			
144.5	165.0	175.9	0.0	1.0	0.25	59.7	−59.4	42.4	73.0	144.5	0.0	1.0	0.756	58.1	−54.2	14.6	56.2	165	0.0	1.0	0.25	0.0	1.0	0.836	59.2	−49.3	3.5	49.6	176	0.0	1.0	0.25			
147.1	172.5	182.8	0.0	1.0	0.375	58.6	−60.2	39.1	71.9	147.1	0.0	1.0	0.814	58.9	−50.9	6.3	51.4	173	0.0	1.0	0.375	0.0	1.0	0.883	59.5	−46.1	−2.3	46.3	183	0.0	1.0	0.375			
150.4	180.0	189.6	0.0	1.0	0.5	58.3	−59.4	33.8	68.5	150.4	0.0	1.0	0.865	59.6	−47.1	0.0	47.2	180	0.0	1.0	0.5	0.0	1.0	0.917	58.6	−45.3	−7.9	46.0	190	0.0	1.0	0.5			
154.5	187.5	196.4	0.0	1.0	0.625	57.6	−59.2	28.3	65.7	154.5	0.0	1.0	0.908	58.9	−45.6	−6.3	46.2	188	0.0	1.0	0.625	0.0	1.0	0.947	57.8	−44.1	−12.6	45.0	196	0.0	1.0	0.625			
164.1	195.0	203.3	0.0	1.0	0.75	58.1	−54.5	15.5	56.7	164.1	0.0	1.0	0.942	57.9	−44.4	−11.8	46.1	195	0.0	1.0	0.75	0.0	1.0	0.981	56.8	−42.1	−17.8	45.9	203	0.0	1.0	0.75			
181.4	202.5	210.1	0.0	1.0	0.875	59.7	−46.2	−1.0	46.3	181.4	0.0	1.0	0.981	56.8	−42.1	−17.8	45.9	203	0.0	1.0	0.875	0.0	0.978	1.0	55.6	−41.[illegible]	−23.2	46.[illegible]	210	0.0	1.0	0.875			
206.8	210.0	217.0	0.0	1.0	1.0	56.3	−40.8	−20.6	45.8	206.8	0.0	0.978	1.0	55.6	−40.3	−23.2	46.7	210	0.0	1.0	1.0	0.0	0.928	1.0	[illegible]	−38.7	−29.1	48.6	217	0.0	1.0	1.0			
224.6	217.5	223.8	0.0	0.875	1.0	52.5	−35.9	−35.4	50.6	224.6	0.0	0.921	1.0	53.9	−38.4	−30.0	48.8	218	0.0	0.875	1.0	0.0	0.879	1.0	52.6	−36.2	−34.9	50.4	224	0.0	0.875	1.0			
242.3	225.0	230.7	0.0	0.75	1.0	51.3	−25.2	−48.1	54.5	242.3	0.0	0.872	1.0	52.5	−35.7	−35.7	50.7	225	0.0	0.75	1.0	0.0	0.83[illegible]	1.0	52.0	32.8	−40.3	52.0	231	0.0	0.75	1.0			
248.4	232.5	237.5	0.0	0.625	1.0	48.1	−19.0	−48.1	51.8	248.4	0.0	0.815	1.0	51.9	−31.5	−41.8	52.4	233	0.0	0.625	1.0	0.0	[illegible]	1.0	[illegible]	−28.3	−45.3	53.5	238	0.0	0.625	1.0			
253.2	240.0	244.4	0.0	0.5	1.0	45.5	−14.5	−48.1	50.3	253.2	0.0	0.766	1.0	51.4	−26.9	−46.6	54.0	240	0.0	0.5	1.0	[illegible]	0.715	1.0	50.4	−23.4	−48.2	53.7	244	0.0	0.5	1.0			
257.6	247.5	251.2	0.0	0.375	1.0	43.1	−10.5	−47.9	49.2	257.6	0.0	0.634	1.0	48.4	−19.4	−48.1	52.0	248	0.0	0.375	1.0	0.0	0.5[illegible]	1.0	46.7	−16.5	−48.1	51.0	251	0.0	0.375	1.0			
262.3	255.0	258.0	0.0	0.25	1.0	41.2	−6.3	−47.7	48.2	262.3	0.0	0.448	1.0	44.5	−12.8	−48.1	49.9	255	0.0	0.25	1.0	0.0	0.364	1.0	42.9	−10.1	−47.9	49.1	258	0.0	0.25	1.0			
264.8	262.5	264.9	0.0	0.125	1.0	39.8	−4.2	−47.4	47.7	264.8	0.0	0.215	1.0	40.8	−5.8	−47.6	48.0	263	0.0	0.125	1.0	0.0[illegible]	0.1[illegible]	1.0	39.5	−4.0	−47.3	47.6	265	0.0	0.125	1.0			
264.8	270.0	271.7	0.0	0.0	1.0	39.8	−4.2	−47.4	47.7	264.8	0.378	0.0	1.0	37.2	0.0	−48.6	48.7	[illegible]	[illegible]	0.0	1.0	0.402	0.0	1.0	37.0	1.7	−48.2	48.4	272	0.0	0.0	1.0			
265.2	277.5	278.8	0.125	0.0	1.0	39.2	−3.9	−47.3	47.6	265.2	0.473	0.0	1.0	36.4	6.6	−46.9	47.4	278	0.125	0.0	1.0	0.485	0.0	1.0	36.3	7.4	−46.6	47.3	279	0.125	0.0	1.0			
266.9	285.0	286.0	0.25	0.0	1.0	38.9	−2.5	−47.3	47.5	266.9	0.535	0.0	1.0	36.3	12.1	−45.[illegible]	[illegible]	285	0.[illegible]	0.0	1.0	0.542	0.0	1.0	36.4	12.9	−44.9	46.9	286	0.25	0.0	1.0			
269.8	292.5	293.1	0.375	0.0	1.0	37.3	−0.1	−48.6	48.7	269.8	0.592	0.0	1.0	36.7	18.2	[illegible]	46.6	293	0.[illegible]	0.0	1.0	0.592	0.0	1.0	36.7	18.2	−42.8	46.6	293	0.375	0.0	1.0			
280.2	300.0	300.2	0.5	0.0	1.0	36.2	8.4	−46.2	47.1	280.2	0.642	0.0	1.0	37.1	23.[illegible]	−40.6	47.0	[illegible]	0.5	0.0	1.0	0.642	0.0	1.0	37.1	23.5	−40.6	47.0	300	0.5	0.0	1.0			
297.5	307.5	307.3	0.625	0.0	1.0	36.8	21.4	−41.0	46.4	297.5	0.694	0.0	1.0	38.0	[illegible]	−38.5	49.0	308	0.625	0.0	1.0	0.688	0.0	1.0	37.9	29.3	−38.8	48.8	307	0.625	0.0	1.0			
316.4	315.0	314.4	0.75	0.0	1.0	39.0	37.0	−35.1	51.1	316.4	0.741	0.0	1.0	[illegible]	35.9	[illegible]	50.7	315	[illegible]	0.0	1.0	0.734	0.0	1.0	38.7	35.1	−36.2	50.5	314	0.75	0.0	1.0			
332.3	322.5	321.5	0.875	0.0	1.0	42.0	51.4	−26.9	58.1	332.3	0.802	0.0	1.0	40.2	43.[illegible]	−32.4	54.0	[illegible]	0.875	0.0	1.0	0.786	0.0	1.0	39.8	41.3	−33.3	53.1	321	0.875	0.0	1.0			
351.1	330.0	328.6	1.0	0.0	1.0	48.2	72.2	−11.3	73.1	351.1	0.85[illegible]	0.0	1.0	41.5	49.4	−28.4	[illegible]	330	1.0	0.0	1.0	0.849	0.0	1.0	41.3	48.5	−29.1	56.6	329	1.0	0.0	1.0			
354.9	337.5	335.7	1.0	0.0	0.875	48.3	75.6	−6.7	75.9	354.9	0.9[illegible]	0.0	1.0	43.[illegible]	58.1	[illegible]	62.6	338	1.0	0.0	0.875	0.899	0.0	1.0	43.2	55.7	−24.7	61.0	336	1.0	0.0	0.875			
359.6	345.0	342.8	1.0	0.0	0.75	47.9	73.8	−0.5	73.8	359.6	0.96	0.0	[illegible]	46.2	65.[illegible]	−17.6	68.2	345	1.0	0.0	0.75	0.946	0.0	1.0	45.5	63.7	−19.4	66.6	343	1.0	0.0	0.75			
365.8	352.5	349.9	1.0	0.0	0.625	48.1	71.2	7.2	71.6	365.8	1.0	0.0	0.937	48.2	[illegible]	−9.0	74.5	353	1.0	0.0	0.625	0.993	0.0	1.0	47.9	71.2	−12.4	72.3	350	1.0	0.0	0.625			
370.5	360.0	357.0	1.0	0.0	0.5	48.3	69.4	12.9	70.6	370.5	1.0	0.0	0.741	[illegible]	[illegible]	0.0	73.6	0	1.0	0.0	0.5	1.0	0.0	0.818	48.1	74.8	−3.8	74.9	357	1.0	0.0	0.5			
376.6	367.5	364.2	1.0	0.0	0.375	47.9	67.4	20.1	70.3	376.6	1.0	0.0	[illegible]	48.2	70.4	9.9	71.1	8	1.0	0.0	0.375	1.0	0.0	0.66	48.0	72.0	5.0	72.2	4	1.0	0.0	0.375			
383.4	375.0	371.3	1.0	0.0	0.25	48.2	65.6	28.5	71.5	383.4	1.0	0.0	0.407	48.0	68.0	18.2	70.4	15	1.0	0.0	0.25	1.0	0.0	0.49	48.2	69.3	13.5	70.6	11	1.0	0.0	0.25			
389.5	382.5	378.4	1.0	0.0	0.125	48.3	64.9	36.7	74.5	389.5	1.0	0.0	0.258	48.1	65.8	27.9	71.4	23	1.0	0.0	0.125	1.0	0.0	0.349	48.0	67.1	21.8	70.6	18	1.0	0.0	0.125			
392.9	390.0	385.5	1.0	0.0	0.0	48.2	64.5	41.8	76.9	392.9	1.0	0.0	0.107	48.3	64.8	37.4	74.9	30	1.0	0.0	0.0	1.0	0.0	0.218	48.2	65.5	30.6	72.3	25	1.0	0.0	0.0			

keine kontinuierliche Bunttonänderung nahe $h_{ab,d}$ = 144,144,264 oder rgb^*_d = 0.125, 1.0, 0.0; 0.0, 1.0, 0.0; 0.0, 0.125, 1.0 plausible Korrektur erfolgt

Daten der Maximalfarbe M im Farbmetrik-Sytem Laserdrucker HRS18_96; ohne Separation, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *s*: $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *d*: $h_{ab,d}$ = 32.9, 100.4, 144.1, 206.8, 264.8, 351.1; Sechs Bunttonwinkel der Elementarfarben *e*: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361Mi			*LAB**dd361Mix (x=LabCh)						*rgb**ds361Mi			*LAB**ds361Mix (x=LabCh)					*rgb**s50M				*rgb**de361Mi			*LAB**de361Mix (x=LabCh)					*rgb**e50M				*rgb**dd	*rgb**ds	*rgb**de
32	30	25	1.0	0.0	0.034	48.2	64.7	40.4	76.2	32	R_d	1.0	0.0	0.107	48.3	64.8	37.4	74.9	30	1.0	0.0	0.0	R_s	1.0	0.0	0.218	48.2	65.5	30.6	72.3	25	1.0	0.0	0.0	R_e			
33	31	27	1.0	0.008	0.0	48.2	64.4	41.8	76.8	33		1.0	0.0	0.071	48.3	64.8	38.9	75.6	31	1.0	0.017	0.0		1.0	0.0	0.177	48.3	65.3	33.3	73.3	27	1.0	0.017	0.0				
34	32	28	1.0	0.128	0.0	48.9	63.2	42.6	76.3	34		1.0	0.0	0.034	48.2	64.7	40.4	76.2	32	1.0	0.033	0.0		1.0	0.0	0.156	48.3	65.2	34.6	73.8	28	1.0	0.033	0.0				
35	33	29	1.0	0.155	0.0	49.2	62.9	44.0	76.8	35		1.0	0.008	0.0	48.2	64.4	41.8	76.8	33	1.0	0.05	0.0		1.0	0.0	0.135	48.3	65.0	36.0	74.3	29	1.0	0.05	0.0				
36	34	30	1.0	0.181	0.0	49.4	62.5	45.4	77.3	36		1.0	0.128	0.0	48.9	63.2	42.6	76.3	34	1.0	0.067	0.0		1.0	0.0	0.107	48.3	64.8	37.4	74.9	30	1.0	0.067	0.0				
37	35	31	1.0	0.207	0.0	49.6	62.2	46.8	77.8	37		1.0	0.155	0.0	49.2	62.9	44.0	76.8	35	1.0	0.083	0.0		1.0	0.0	0.071	48.3	64.8	38.9	75.6	31	1.0	0.083	0.0				
38	36	32	1.0	0.233	0.0	49.8	61.7	48.2	78.3	38		1.0	0.181	0.0	49.4	62.5	45.4	77.3	36	1.0	0.1	0.0		1.0	0.0	0.034	48.2	64.7	40.4	76.2	32	1.0	0.1	0.0				
39	37	33	1.0	0.255	0.0	50.1	61.0	49.4	78.5	39		1.0	0.207	0.0	49.6	62.2	46.8	77.8	37	1.0	0.117	0.0		1.0	0.008	0.0	48.2	64.4	41.8	76.8	33	1.0	0.117	0.0				
40	38	34	1.0	0.271	0.0	50.7	59.9	50.2	78.2	40		1.0	0.233	0.0	49.8	61.7	48.2	78.3	38	1.0	0.133	0.0		1.0	0.128	0.0	48.9	63.2	42.6	76.3	34	1.0	0.133	0.0				
41	39	36	1.0	0.286	0.0	51.3	58.7	51.0	77.8	41		1.0	0.255	0.0	50.1	61.0	49.4	78.5	39	1.0	0.15	0.0		1.0	0.181	0.0	49.4	62.5	45.4	77.3	36	1.0	0.15	0.0				
42	40	37	1.0	0.301	0.0	51.9	57.5	51.8	77.4	42		1.0	0.271	0.0	50.7	59.9	50.2	78.2	40	1.0	0.167	0.0		1.0	0.207	0.0	49.6	62.2	46.8	77.8	37	1.0	0.167	0.0				
43	41	38	1.0	0.317	0.0	52.5	56.3	52.5	77.0	43		1.0	0.286	0.0	51.3	58.7	51.0	77.8	41	1.0	0.183	0.0		1.0	0.233	0.0	49.8	61.7	48.2	78.3	38	1.0	0.183	0.0				
44	42	39	1.0	0.332	0.0	53.1	55.1	53.2	76.6	44		1.0	0.301	0.0	51.9	57.5	51.8	77.4	42	1.0	0.2	0.0		1.0	0.255	0.0	50.1	61.0	49.4	78.5	39	1.0	0.2	0.0				
45	43	40	1.0	0.347	0.0	53.7	53.9	53.9	76.2	45		1.0	0.317	0.0	52.5	56.3	52.5	77.0	43	1.0	0.217	0.0		1.0	0.271	0.0	50.7	59.9	50.2	78.2	40	1.0	0.217	0.0				
46	44	41	1.0	0.362	0.0	54.3	52.7	54.5	75.8	46		1.0	0.332	0.0	53.1	55.1	53.2	76.6	44	1.0	0.233	0.0		1.0	0.286	0.0	51.3	58.7	51.0	77.8	41	1.0	0.233	0.0				
47	45	42	1.0	0.377	0.0	54.9	51.5	55.2	75.4	47		1.0	0.347	0.0	53.7	53.9	53.9	76.2	45	1.0	0.25	0.0		1.0	0.301	0.0	51.9	57.5	51.8	77.4	42	1.0	0.25	0.0				
48	46	43	1.0	0.386	0.0	55.5	50.3	55.9	75.2	48		1.0	0.362	0.0	54.3	52.7	54.5	75.8	46	1.0	0.267	0.0		1.0	0.317	0.0	52.5	56.3	52.5	77.0	43	1.0	0.267	0.0				
49	47	44	1.0	0.395	0.0	56.1	49.2	56.6	75.0	49		1.0	0.377	0.0	54.9	51.5	55.2	75.4	47	1.0	0.283	0.0		1.0	0.332	0.0	53.1	55.1	53.2	76.6	44	1.0	0.283	0.0				
50	48	46	1.0	0.404	0.0	56.7	48.1	57.3	74.8	50		1.0	0.386	0.0	55.5	50.3	55.9	75.2	48	1.0	0.3	0.0		1.0	0.362	0.0	54.3	52.7	54.5	75.8	46	1.0	0.3	0.0				
51	49	47	1.0	0.413	0.0	57.3	46.9	57.9	74.5	51		1.0	0.395	0.0	56.1	49.2	56.6	75.0	49	1.0	0.317	0.0		1.0	0.377	0.0	54.9	51.5	55.2	75.4	47	1.0	0.317	0.0				
52	50	48	1.0	0.422	0.0	57.9	45.7	58.5	74.3	52		1.0	0.404	0.0	56.7	48.1	57.3	74.8	50	1.0	0.333	0.0		1.0	0.386	0.0	55.5	50.3	55.9	75.2	48	1.0	0.333	0.0				
53	51	49	1.0	0.431	0.0	58.5	44.6	59.2	74.1	53		1.0	0.413	0.0	57.3	46.9	57.9	74.5	51	1.0	0.35	0.0		1.0	0.395	0.0	56.1	49.2	56.6	75.0	49	1.0	0.35	0.0				
54	52	50	1.0	0.44	0.0	59.1	43.4	59.7	73.8	54		1.0	0.422	0.0	57.9	45.7	58.5	74.3	52	1.0	0.367	0.0		1.0	0.404	0.0	56.7	48.1	57.3	74.8	50	1.0	0.367	0.0				
55	53	51	1.0	0.449	0.0	59.7	42.2	60.3	73.6	55		1.0	0.431	0.0	58.5	44.6	59.2	74.1	53	1.0	0.383	0.0		1.0	0.413	0.0	57.3	46.9	57.9	74.5	51	1.0	0.383	0.0				
56	54	52	1.0	0.459	0.0	60.3	41.0	60.8	73.4	56		1.0	0.44	0.0	59.1	43.4	59.7	73.8	54	1.0	0.4	0.0		1.0	0.422	0.0	57.9	45.7	58.5	74.3	52	1.0	0.4	0.0				
57	55	53	1.0	0.468	0.0	60.9	39.8	61.3	73.2	57		1.0	0.449	0.0	59.7	42.2	60.3	73.6	55	1.0	0.417	0.0		1.0	0.431	0.0	58.5	44.6	59.2	74.1	53	1.0	0.417	0.0				
58	56	54	1.0	0.477	0.0	61.5	38.6	61.8	72.9	58		1.0	0.459	0.0	60.3	41.0	60.8	73.4	56	1.0	0.433	0.0		1.0	0.44	0.0	59.1	43.4	59.7	73.8	54	1.0	0.433	0.0				
59	57	56	1.0	0.486	0.0	62.1	37.4	62.3	72.7	59		1.0	0.468	0.0	60.9	39.8	61.3	73.2	57	1.0	0.45	0.0		1.0	0.459	0.0	60.3	41.0	60.8	73.4	56	1.0	0.45	0.0				
60	58	57	1.0	0.495	0.0	62.7	36.2	62.8	72.5	60		1.0	0.477	0.0	61.5	38.6	61.8	72.9	58	1.0	0.467	0.0		1.0	0.468	0.0	60.9	39.8	61.3	73.2	57	1.0	0.467	0.0				
61	59	58	1.0	0.504	0.0	63.3	35.1	63.3	72.4	61		1.0	0.486	0.0	62.1	37.4	62.3	72.7	59	1.0	0.483	0.0		1.0	0.477	0.0	61.5	38.6	61.8	72.9	58	1.0	0.483	0.0				
62	60	59	1.0	0.512	0.0	63.9	34.0	64.0	72.5	62		1.0	0.495	0.0	62.7	36.2	62.8	72.5	60	1.0	0.5	0.0		1.0	0.486	0.0	62.1	37.4	62.3	72.7	59	1.0	0.5	0.0				
63	61	60	1.0	0.521	0.0	64.5	33.0	64.7	72.6	63		1.0	0.504	0.0	63.3	35.1	63.3	72.4	61	1.0	0.517	0.0		1.0	0.495	0.0	62.7	36.2	62.8	72.5	60	1.0	0.517	0.0				
64	62	61	1.0	0.529	0.0	65.1	31.9	65.4	72.8	64		1.0	0.512	0.0	63.9	34.0	64.0	72.5	62	1.0	0.533	0.0		1.0	0.504	0.0	63.3	35.1	63.3	72.4	61	1.0	0.533	0.0				
65	63	62	1.0	0.537	0.0	65.7	30.8	66.1	72.9	65		1.0	0.521	0.0	64.5	33.0	64.7	72.6	63	1.0	0.55	0.0		1.0	0.512	0.0	63.9	34.0	64.0	72.5	62	1.0	0.55	0.0				
66	64	63	1.0	0.546	0.0	66.3	29.7	66.7	73.0	66		1.0	0.529	0.0	65.1	31.9	65.4	72.8	64	1.0	0.567	0.0		1.0	0.521	0.0	64.5	33.0	64.7	72.6	63	1.0	0.567	0.0				
67	65	64	1.0	0.554	0.0	67.0	28.6	67.3	73.2	67		1.0	0.537	0.0	65.7	30.8	66.1	72.9	65	1.0	0.583	0.0		1.0	0.529	0.0	65.1	31.9	65.4	72.8	64	1.0	0.583	0.0				
68	66	66	1.0	0.563	0.0	67.6	27.5	67.9	73.3	68		1.0	0.546	0.0	66.3	29.7	66.7	73.0	66	1.0	0.6	0.0		1.0	0.546	0.0	66.3	29.7	66.7	73.0	66	1.0	0.6	0.0				
69	67	67	1.0	0.571	0.0	68.2	26.3	68.5	73.4	69		1.0	0.554	0.0	67.0	28.6	67.3	73.2	67	1.0	0.617	0.0		1.0	0.554	0.0	67.0	28.6	67.3	73.2	67	1.0	0.617	0.0				
70	68	68	1.0	0.579	0.0	68.8	25.1	69.1	73.5	70		1.0	0.563	0.0	67.6	27.5	67.9	73.3	68	1.0	0.633	0.0		1.0	0.563	0.0	67.6	27.5	67.9	73.3	68	1.0	0.633	0.0				
71	69	69	1.0	0.588	0.0	69.4	24.0	69.6	73.7	71		1.0	0.571	0.0	68.2	26.3	68.5	73.4	69	1.0	0.65	0.0		1.0	0.571	0.0	68.2	26.3	68.5	73.4	69	1.0	0.65	0.0				
72	70	70	1.0	0.596	0.0	70.0	22.8	70.2	73.8	72		1.0	0.579	0.0	68.8	25.1	69.1	73.5	70	1.0	0.667	0.0		1.0	0.579	0.0	68.8	25.1	69.1	73.5	70	1.0	0.667	0.0				
73	71	71	1.0	0.605	0.0	70.6	21.6	70.7	73.9	73		1.0	0.588	0.0	69.4	24.0	69.6	73.7	71	1.0	0.683	0.0		1.0	0.588	0.0	69.4	24.0	69.6	73.7	71	1.0	0.683	0.0				
74	72	72	1.0	0.613	0.0	71.2	20.4	71.2	74.0	74		1.0	0.596	0.0	70.0	22.8	70.2	73.8	72	1.0	0.7	0.0		1.0	0.596	0.0	70.0	22.8	70.2	73.8	72	1.0	0.7	0.0				
75	73	73	1.0	0.621	0.0	71.8	19.2	71.6	74.2	75		1.0	0.605	0.0	70.6	21.6	70.7	73.9	73	1.0	0.717	0.0		1.0	0.605	0.0	70.6	21.6	70.7	73.9	73	1.0	0.717	0.0				
76	74	74	1.0	0.631	0.0	72.5	18.0	72.3	74.5	76		1.0	0.613	0.0	71.2	20.4	71.2	74.0	74	1.0	0.733	0.0		1.0	0.613	0.0	71.2	20.4	71.2	74.0	74	1.0	0.733	0.0				
77	75	76	1.0	0.641	0.0	73.2	16.9	73.2	75.1	77		1.0	0.621	0.0	71.8	19.2	71.6	74.2	75	1.0	0.75	0.0		1.0	0.631	0.0	72.5	18.0	72.3	74.5	76	1.0	0.75	0.0				

Daten der Maximalfarbe M im Farbmetrik-Sytem Laserdrucker HRS18_96; ohne Separation, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *s:* $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *d:* $h_{ab,d}$ = 32.9, 100.4, 144.1, 206.8, 264.8, 351.1; Sechs Bunttonwinkel der Elementarfarben *e:* $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd}			LAB^*_{dd}					rgb^*_{ds}			LAB^*_{ds}					rgb^*_{s50M}			rgb^*_{de}			LAB^*_{de}					rgb^*_{e50M}			rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
77	75	76	1.0	0.641	0.0	73.2	16.9	73.2	75.1	77	1.0	0.621	0.0	71.8	19.2	71.6	74.2	75	1.0	0.75	0.0	1.0	0.631	0.0	72.5	18.0	72.3	74.5	76	1.0	0.75	0.0			
78	76	77	1.0	0.651	0.0	73.9	15.7	74.0	75.6	78	1.0	0.631	0.0	72.5	18.0	72.3	74.5	76	1.0	0.767	0.0	1.0	0.641	0.0	73.2	16.9	73.2	75.1	77	1.0	0.767	0.0			
79	77	78	1.0	0.662	0.0	74.6	14.5	74.8	76.2	79	1.0	0.641	0.0	73.2	16.9	73.2	75.1	77	1.0	0.783	0.0	1.0	0.651	0.0	73.9	15.7	74.0	75.6	78	1.0	0.783	0.0			
80	78	79	1.0	0.672	0.0	75.3	13.3	75.6	76.7	80	1.0	0.651	0.0	73.9	15.7	74.0	75.6	78	1.0	0.8	0.0	1.0	0.662	0.0	74.6	14.5	74.8	76.2	79	1.0	0.8	0.0			
81	79	80	1.0	0.682	0.0	76.0	12.1	76.3	77.3	81	1.0	0.662	0.0	74.6	14.5	74.8	76.2	79	1.0	0.817	0.0	1.0	0.672	0.0	75.3	13.3	75.6	76.7	80	1.0	0.817	0.0			
82	80	81	1.0	0.692	0.0	76.7	10.8	77.1	77.8	82	1.0	0.672	0.0	75.3	13.3	75.6	76.7	80	1.0	0.833	0.0	1.0	0.682	0.0	76.0	12.1	76.3	77.3	81	1.0	0.833	0.0			
83	81	82	1.0	0.703	0.0	77.4	9.6	77.8	78.4	83	1.0	0.682	0.0	76.0	12.1	76.3	77.3	81	1.0	0.85	0.0	1.0	0.692	0.0	76.7	10.8	77.1	77.8	82	1.0	0.85	0.0			
84	82	83	1.0	0.713	0.0	78.1	8.3	78.5	78.9	84	1.0	0.692	0.0	76.7	10.8	77.1	77.8	82	1.0	0.867	0.0	1.0	0.703	0.0	77.4	9.6	77.8	78.4	83	1.0	0.867	0.0			
85	83	85	1.0	0.723	0.0	78.8	6.9	79.2	79.5	85	1.0	0.703	0.0	77.4	9.6	77.8	78.4	83	1.0	0.883	0.0	1.0	0.723	0.0	78.8	6.9	79.2	79.5	85	1.0	0.883	0.0			
86	84	86	1.0	0.733	0.0	79.6	5.6	79.8	80.0	86	1.0	0.713	0.0	78.1	8.3	78.5	78.9	84	1.0	0.9	0.0	1.0	0.733	0.0	79.6	5.6	79.8	80.0	86	1.0	0.9	0.0			
87	85	87	1.0	0.744	0.0	80.3	4.2	80.5	80.6	87	1.0	0.723	0.0	78.8	6.9	79.2	79.5	85	1.0	0.917	0.0	1.0	0.744	0.0	80.3	4.2	80.5	80.6	87	1.0	0.917	0.0			
88	86	88	1.0	0.755	0.0	81.1	2.8	81.3	81.4	88	1.0	0.733	0.0	79.6	5.6	79.8	80.0	86	1.0	0.933	0.0	1.0	0.755	0.0	81.1	2.8	81.3	81.4	88	1.0	0.933	0.0			
89	87	89	1.0	0.77	0.0	82.0	1.4	82.5	82.5	89	1.0	0.744	0.0	80.3	4.2	80.5	80.6	87	1.0	0.95	0.0	1.0	0.77	0.0	82.0	1.4	82.5	82.5	89	1.0	0.95	0.0			
90	88	90	1.0	0.784	0.0	82.9	0.0	83.7	83.7	90	1.0	0.755	0.0	81.1	2.8	81.3	81.4	88	1.0	0.967	0.0	1.0	0.784	0.0	82.9	0.0	83.7	83.7	90	1.0	0.967	0.0			
91	89	91	1.0	0.799	0.0	83.9	−1.4	84.9	84.9	91	1.0	0.77	0.0	82.0	1.4	82.5	82.5	89	1.0	0.983	0.0	1.0	0.799	0.0	83.9	−1.4	84.9	84.9	91	1.0	0.983	0.0			
92	90	92	1.0	0.813	0.0	84.8	−2.9	86.0	86.0	92	1.0	0.784	0.0	82.9	0.0	83.7	83.7	90	1.0	1.0	0.0 J_s	1.0	0.813	0.0	84.8	−2.9	86.0	86.0	92	1.0	1.0	0.0 J_e			
93	91	93	1.0	0.827	0.0	85.7	−4.5	87.1	87.2	93	1.0	0.799	0.0	83.9	−1.4	84.9	84.9	91	0.983	1.0	0.0	1.0	0.827	0.0	85.7	−4.5	87.1	87.2	93	0.983	1.0	0.0			
94	92	95	1.0	0.842	0.0	86.7	−6.1	88.2	88.4	94	1.0	0.813	0.0	84.8	−2.9	86.0	86.0	92	0.967	1.0	0.0	1.0	0.856	0.0	87.6	−7.7	89.2	89.6	95	0.967	1.0	0.0			
95	93	96	1.0	0.856	0.0	87.6	−7.7	89.2	89.6	95	1.0	0.827	0.0	85.7	−4.5	87.1	87.2	93	0.95	1.0	0.0	1.0	0.871	0.0	88.5	−9.4	90.2	90.7	96	0.95	1.0	0.0			
96	94	97	1.0	0.871	0.0	88.5	−9.4	90.2	90.7	96	1.0	0.842	0.0	86.7	−6.1	88.2	88.4	94	0.933	1.0	0.0	1.0	0.896	0.0	89.6	−11.1	91.4	92.0	97	0.933	1.0	0.0			
97	95	98	1.0	0.896	0.0	89.6	−11.1	91.4	92.0	97	1.0	0.856	0.0	87.6	−7.7	89.2	89.6	95	0.917	1.0	0.0	1.0	0.927	0.0	90.8	−12.9	92.5	93.4	98	0.917	1.0	0.0			
98	96	99	1.0	0.927	0.0	90.8	−12.9	92.5	93.4	98	1.0	0.871	0.0	88.5	−9.4	90.2	90.7	96	0.9	1.0	0.0	1.0	0.957	0.0	91.9	−14.7	93.6	94.8	99	0.9	1.0	0.0			
99	97	100	1.0	0.957	0.0	91.9	−14.7	93.6	94.8	99	1.0	0.896	0.0	89.6	−11.1	91.4	92.0	97	0.883	1.0	0.0	1.0	0.988	0.0	93.0	−16.6	94.7	96.1	100	0.883	1.0	0.0			
100	98	102	1.0	0.988	0.0	93.0	−16.6	94.7	96.1	100 J_d	1.0	0.927	0.0	90.8	−12.9	92.5	93.4	98	0.867	1.0	0.0	0.981	1.0	0.0	91.8	−19.6	92.5	94.6	102	0.867	1.0	0.0			
101	99	103	0.993	1.0	0.0	92.9	−18.2	94.1	95.9	101	1.0	0.957	0.0	91.9	−14.7	93.6	94.8	99	0.85	1.0	0.0	0.969	1.0	0.0	90.8	−20.9	90.8	93.2	103	0.85	1.0	0.0			
102	100	104	0.981	1.0	0.0	91.8	−19.6	92.5	94.6	102	1.0	0.988	0.0	93.0	−16.6	94.7	96.1	100	0.833	1.0	0.0	0.957	1.0	0.0	89.7	−22.1	89.2	91.9	104	0.833	1.0	0.0			
103	101	105	0.969	1.0	0.0	90.8	−20.9	90.8	93.2	103	0.993	1.0	0.0	92.9	−18.2	94.1	95.9	101	0.817	1.0	0.0	0.945	1.0	0.0	88.6	−23.3	87.5	90.6	105	0.817	1.0	0.0			
104	102	106	0.957	1.0	0.0	89.7	−22.1	89.2	91.9	104	0.981	1.0	0.0	91.8	−19.6	92.5	94.6	102	0.8	1.0	0.0	0.934	1.0	0.0	87.6	−24.5	85.8	89.3	106	0.8	1.0	0.0			
105	103	107	0.945	1.0	0.0	88.6	−23.3	87.5	90.6	105	0.969	1.0	0.0	90.8	−20.9	90.8	93.2	103	0.783	1.0	0.0	0.922	1.0	0.0	86.5	−25.6	84.1	87.9	107	0.783	1.0	0.0			
106	104	109	0.934	1.0	0.0	87.6	−24.5	85.8	89.3	106	0.957	1.0	0.0	89.7	−22.1	89.2	91.9	104	0.767	1.0	0.0	0.898	1.0	0.0	84.4	−27.7	80.6	85.3	109	0.767	1.0	0.0			
107	105	110	0.922	1.0	0.0	86.5	−25.6	84.1	87.9	107	0.945	1.0	0.0	88.6	−23.3	87.5	90.6	105	0.75	1.0	0.0	0.886	1.0	0.0	83.4	−28.6	78.9	84.0	110	0.75	1.0	0.0			
108	106	111	0.91	1.0	0.0	85.5	−26.7	82.4	86.6	108	0.934	1.0	0.0	87.6	−24.5	85.8	89.3	106	0.733	1.0	0.0	0.874	1.0	0.0	82.3	−29.5	77.2	82.7	111	0.733	1.0	0.0			
109	107	112	0.898	1.0	0.0	84.4	−27.7	80.6	85.3	109	0.922	1.0	0.0	86.5	−25.6	84.1	87.9	107	0.717	1.0	0.0	0.862	1.0	0.0	81.5	−30.6	76.0	82.0	112	0.717	1.0	0.0			
110	108	113	0.886	1.0	0.0	83.4	−28.6	78.9	84.0	110	0.91	1.0	0.0	85.5	−26.7	82.4	86.6	108	0.7	1.0	0.0	0.851	1.0	0.0	80.8	−31.6	74.8	81.3	113	0.7	1.0	0.0			
111	109	114	0.874	1.0	0.0	82.3	−29.5	77.2	82.7	111	0.898	1.0	0.0	84.4	−27.7	80.6	85.3	109	0.683	1.0	0.0	0.839	1.0	0.0	80.0	−32.7	73.6	80.5	114	0.683	1.0	0.0			
112	110	116	0.862	1.0	0.0	81.5	−30.6	76.0	82.0	112	0.886	1.0	0.0	83.4	−28.6	78.9	84.0	110	0.667	1.0	0.0	0.816	1.0	0.0	78.4	−34.6	71.1	79.1	116	0.667	1.0	0.0			
113	111	117	0.851	1.0	0.0	80.8	−31.6	74.8	81.3	113	0.874	1.0	0.0	82.3	−29.5	77.2	82.7	111	0.65	1.0	0.0	0.804	1.0	0.0	77.6	−35.5	69.9	78.4	117	0.65	1.0	0.0			
114	112	118	0.839	1.0	0.0	80.0	−32.7	73.6	80.5	114	0.862	1.0	0.0	81.5	−30.6	76.0	82.0	112	0.633	1.0	0.0	0.792	1.0	0.0	76.8	−36.4	68.6	77.7	118	0.633	1.0	0.0			
115	113	119	0.827	1.0	0.0	79.2	−33.6	72.4	79.8	115	0.851	1.0	0.0	80.8	−31.6	74.8	81.3	113	0.617	1.0	0.0	0.78	1.0	0.0	76.0	−37.2	67.3	77.0	119	0.617	1.0	0.0			
116	114	120	0.816	1.0	0.0	78.4	−34.6	71.1	79.1	116	0.839	1.0	0.0	80.0	−32.7	73.6	80.5	114	0.6	1.0	0.0	0.769	1.0	0.0	75.3	−38.0	66.1	76.3	120	0.6	1.0	0.0			
117	115	121	0.804	1.0	0.0	77.6	−35.5	69.9	78.4	117	0.827	1.0	0.0	79.2	−33.6	72.4	79.8	115	0.583	1.0	0.0	0.757	1.0	0.0	74.5	−38.8	64.8	75.6	121	0.583	1.0	0.0			
118	116	123	0.792	1.0	0.0	76.8	−36.4	68.6	77.7	118	0.816	1.0	0.0	78.4	−34.6	71.1	79.1	116	0.567	1.0	0.0	0.733	1.0	0.0	73.1	−40.3	62.3	74.2	123	0.567	1.0	0.0			
119	117	124	0.78	1.0	0.0	76.0	−37.2	67.3	77.0	119	0.804	1.0	0.0	77.6	−35.5	69.9	78.4	117	0.55	1.0	0.0	0.721	1.0	0.0	72.4	−41.1	61.0	73.6	124	0.55	1.0	0.0			
120	118	125	0.769	1.0	0.0	75.3	−38.0	66.1	76.3	120	0.792	1.0	0.0	76.8	−36.4	68.6	77.7	118	0.533	1.0	0.0	0.709	1.0	0.0	71.8	−41.8	59.8	73.0	125	0.533	1.0	0.0			
121	119	126	0.757	1.0	0.0	74.5	−38.8	64.8	75.6	121	0.78	1.0	0.0	76.0	−37.2	67.3	77.0	119	0.517	1.0	0.0	0.697	1.0	0.0	71.1	−42.4	58.5	72.4	126	0.517	1.0	0.0			
122	120	127	0.745	1.0	0.0	73.7	−39.6	63.5	74.9	122	0.769	1.0	0.0	75.3	−38.0	66.1	76.3	120	0.5	1.0	0.0	0.685	1.0	0.0	70.4	−43.1	57.3	71.7	127	0.5	1.0	0.0			

Daten der Maximalfarbe M im Farbmetrik-Sytem Laserdrucker HRS18_96; ohne Separation, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *s:* $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *d:* $h_{ab,d}$ = 32.9, 100.4, 144.1, 206.8, 264.8, 351.1; Sechs Bunttonwinkel der Elementarfarben *e:* $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*dd361Mi			LAB^*dd361Mix (x=LabCh)					rgb^*ds361Mi			LAB^*ds361Mix (x=LabCh)					rgb^*s50M			rgb^*de361Mi			LAB^*de361Mix (x=LabCh)					rgb^*e50M			rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
122	120	127	0.745	1.0	0.0	73.7	−39.6	65.5	74.9	122	0.769	1.0	0.0	75.3	−38.0	66.1	76.3	120	0.5	1.0	0.0	0.685	1.0	0.0	70.4	−43.1	57.3	71.7	127	0.5	1.0	0.0			
123	121	128	0.733	1.0	0.0	73.1	−40.3	62.3	74.2	123	0.757	1.0	0.0	74.5	−38.8	64.8	75.6	121	0.483	1.0	0.0	0.672	1.0	0.0	69.8	−43.7	56.0	71.1	128	0.483	1.0	0.0			
124	122	130	0.721	1.0	0.0	72.4	−41.1	61.0	73.6	124	0.745	1.0	0.0	73.7	−39.6	63.5	74.9	122	0.467	1.0	0.0	0.648	1.0	0.0	68.5	−44.8	53.5	69.8	130	0.467	1.0	0.0			
125	123	131	0.709	1.0	0.0	71.8	−41.8	59.8	73.0	125	0.733	1.0	0.0	73.1	−40.3	62.3	74.2	123	0.45	1.0	0.0	0.636	1.0	0.0	67.8	−45.3	52.2	69.2	131	0.45	1.0	0.0			
126	124	132	0.697	1.0	0.0	71.1	−42.4	58.5	72.4	126	0.721	1.0	0.0	72.4	−41.1	61.0	73.6	124	0.433	1.0	0.0	0.624	1.0	0.0	67.1	−45.8	51.0	68.6	132	0.433	1.0	0.0			
127	125	133	0.685	1.0	0.0	70.4	−43.1	57.3	71.7	127	0.709	1.0	0.0	71.8	−41.8	59.8	73.0	125	0.417	1.0	0.0	0.608	1.0	0.0	66.5	−46.8	50.3	68.8	133	0.417	1.0	0.0			
128	126	134	0.672	1.0	0.0	69.8	−43.7	56.0	71.1	128	0.697	1.0	0.0	71.1	−42.4	58.5	72.4	126	0.4	1.0	0.0	0.592	1.0	0.0	65.8	−47.8	49.6	68.9	134	0.4	1.0	0.0			
129	127	135	0.66	1.0	0.0	69.1	−44.2	54.8	70.5	129	0.685	1.0	0.0	70.4	−43.1	57.3	71.7	127	0.383	1.0	0.0	0.576	1.0	0.0	65.2	−48.7	48.8	69.0	135	0.383	1.0	0.0			
130	128	137	0.648	1.0	0.0	68.5	−44.8	53.5	69.8	130	0.672	1.0	0.0	69.8	−43.7	56.0	71.1	128	0.367	1.0	0.0	0.544	1.0	0.0	63.9	−50.6	47.3	69.3	137	0.367	1.0	0.0			
131	129	138	0.636	1.0	0.0	67.8	−45.3	52.2	69.2	131	0.66	1.0	0.0	69.1	−44.2	54.8	70.5	129	0.35	1.0	0.0	0.528	1.0	0.0	63.2	−51.5	46.5	69.4	138	0.35	1.0	0.0			
132	130	139	0.624	1.0	0.0	67.1	−45.8	51.0	68.6	132	0.648	1.0	0.0	68.5	−44.8	53.5	69.8	130	0.333	1.0	0.0	0.512	1.0	0.0	62.6	−52.4	45.6	69.6	139	0.333	1.0	0.0			
133	131	140	0.608	1.0	0.0	66.5	−46.8	50.3	68.8	133	0.636	1.0	0.0	67.8	−45.3	52.2	69.2	131	0.317	1.0	0.0	0.486	1.0	0.0	62.0	−53.3	44.8	69.7	140	0.317	1.0	0.0			
134	132	141	0.592	1.0	0.0	65.8	−47.8	49.6	68.9	134	0.624	1.0	0.0	67.1	−45.8	51.0	68.6	132	0.3	1.0	0.0	0.422	1.0	0.0	61.5	−54.3	44.1	70.0	141	0.3	1.0	0.0			
135	133	142	0.576	1.0	0.0	65.2	−48.7	48.8	69.0	135	0.608	1.0	0.0	66.5	−46.8	50.3	68.8	133	0.283	1.0	0.0	0.358	1.0	0.0	61.0	−55.5	43.5	70.6	142	0.283	1.0	0.0			
136	134	144	0.56	1.0	0.0	64.5	−49.7	48.0	69.2	136	0.592	1.0	0.0	65.8	−47.8	49.6	68.9	134	0.267	1.0	0.0	0.157	1.0	0.0	59.8	−59.5	43.3	73.6	144	0.267	1.0	0.0			
137	135	145	0.544	1.0	0.0	63.9	−50.6	47.3	69.3	137	0.576	1.0	0.0	65.2	−48.7	48.8	69.0	135	0.25	1.0	0.0	0.0	1.0	0.273	59.5	−59.5	41.8	72.8	145	0.25	1.0	0.0			
138	136	146	0.528	1.0	0.0	63.2	−51.5	46.5	69.4	138	0.56	1.0	0.0	64.5	−49.7	48.0	69.2	136	0.233	1.0	0.0	0.0	1.0	0.322	59.1	−59.9	40.5	72.3	146	0.233	1.0	0.0			
139	137	147	0.512	1.0	0.0	62.6	−52.4	45.6	69.6	139	0.544	1.0	0.0	63.9	−50.6	47.3	69.3	137	0.217	1.0	0.0	0.0	1.0	0.371	58.6	−60.2	39.2	71.9	147	0.217	1.0	0.0			
140	138	148	0.486	1.0	0.0	62.0	−53.3	44.8	69.7	140	0.528	1.0	0.0	63.2	−51.5	46.5	69.4	138	0.2	1.0	0.0	0.0	1.0	0.41	58.5	−60.0	37.6	70.9	148	0.2	1.0	0.0			
141	139	149	0.422	1.0	0.0	61.5	−54.3	44.1	70.0	141	0.512	1.0	0.0	62.6	−52.4	45.6	69.6	139	0.183	1.0	0.0	0.0	1.0	0.447	58.4	−59.8	36.0	69.9	149	0.183	1.0	0.0			
142	140	151	0.358	1.0	0.0	61.0	−55.5	43.5	70.6	142	0.486	1.0	0.0	62.0	−53.3	44.8	69.7	140	0.167	1.0	0.0	0.0	1.0	0.518	58.2	−59.4	33.0	68.1	151	0.167	1.0	0.0			
143	141	152	0.297	1.0	0.0	60.5	−57.4	43.3	72.0	143	0.422	1.0	0.0	61.5	−54.3	44.1	70.0	141	0.15	1.0	0.0	0.0	1.0	0.549	58.0	−59.4	31.6	67.4	152	0.15	1.0	0.0			
144	142	153	0.157	1.0	0.0	59.8	−59.5	43.3	73.6	144 G_d	0.358	1.0	0.0	61.0	−55.5	43.5	70.6	142	0.133	1.0	0.0	0.0	1.0	0.579	57.8	−59.3	30.3	66.7	153	0.133	1.0	0.0			
145	143	154	0.0	1.0	0.273	59.5	−59.5	41.8	72.8	145	0.297	1.0	0.0	60.5	−57.4	43.3	72.0	143	0.117	1.0	0.0	0.0	1.0	0.61	57.7	−59.2	28.9	66.0	154	0.117	1.0	0.0			
146	144	155	0.0	1.0	0.322	59.1	−59.9	40.5	72.3	146	0.157	1.0	0.0	59.8	−59.5	43.3	73.6	144	0.1	1.0	0.0	0.0	1.0	0.632	57.6	−59.0	27.6	65.2	155	0.1	1.0	0.0			
147	145	156	0.0	1.0	0.371	58.6	−60.2	39.2	71.9	147	0.0	1.0	0.273	59.5	−59.5	41.8	72.8	145	0.083	1.0	0.0	0.0	1.0	0.644	57.6	−58.6	26.2	64.3	156	0.083	1.0	0.0			
148	146	158	0.0	1.0	0.41	58.5	−60.0	37.6	70.9	148	0.0	1.0	0.322	59.1	−59.9	40.5	72.3	146	0.067	1.0	0.0	0.0	1.0	0.67	57.7	−57.8	23.4	62.4	158	0.067	1.0	0.0			
149	147	159	0.0	1.0	0.447	58.4	−59.8	36.0	69.9	149	0.0	1.0	0.371	58.6	−60.2	39.2	71.9	147	0.05	1.0	0.0	0.0	1.0	0.683	57.8	−57.3	22.0	61.5	159	0.05	1.0	0.0			
150	148	160	0.0	1.0	0.485	58.3	−59.5	34.4	68.9	150	0.0	1.0	0.41	58.5	−60.0	37.6	70.9	148	0.033	1.0	0.0	0.0	1.0	0.696	57.8	−56.8	20.7	60.6	160	0.033	1.0	0.0			
151	149	161	0.0	1.0	0.518	58.2	−59.4	33.0	68.1	151	0.0	1.0	0.447	58.4	−59.8	36.0	69.9	149	0.017	1.0	0.0	0.0	1.0	0.709	57.9	−56.3	19.4	59.7	161	0.017	1.0	0.0			
152	150	162	0.0	1.0	0.549	58.0	−59.4	31.6	67.4	152	0.0	1.0	0.485	58.3	−59.5	34.4	68.9	150	0.0	1.0	0.0 G_s	0.0	1.0	0.722	57.9	−55.8	18.1	58.7	162	0.0	1.0	0.0 G_e			
153	151	163	0.0	1.0	0.579	57.8	−59.3	30.3	66.7	153	0.0	1.0	0.518	58.2	−59.4	33.0	68.1	151	0.0	1.0	0.017	0.0	1.0	0.735	58.0	−55.2	16.9	57.8	163	0.0	1.0	0.017			
154	152	164	0.0	1.0	0.61	57.7	−59.2	28.9	66.0	154	0.0	1.0	0.549	58.0	−59.4	31.6	67.4	152	0.0	1.0	0.033	0.0	1.0	0.748	58.1	−54.6	15.7	56.9	164	0.0	1.0	0.033			
155	153	165	0.0	1.0	0.632	57.6	−59.0	27.6	65.2	155	0.0	1.0	0.579	57.8	−59.3	30.3	66.7	153	0.0	1.0	0.05	0.0	1.0	0.756	58.1	−54.2	14.6	56.2	165	0.0	1.0	0.05			
156	154	166	0.0	1.0	0.644	57.6	−58.6	26.2	64.3	156	0.0	1.0	0.61	57.7	−59.2	28.9	66.0	154	0.0	1.0	0.067	0.0	1.0	0.764	58.2	−53.9	13.5	55.6	166	0.0	1.0	0.067			
157	155	167	0.0	1.0	0.657	57.7	−58.2	24.8	63.4	157	0.0	1.0	0.632	57.6	−59.0	27.6	65.2	155	0.0	1.0	0.083	0.0	1.0	0.771	58.3	−53.5	12.4	55.0	167	0.0	1.0	0.083			
158	156	168	0.0	1.0	0.67	57.7	−57.8	23.4	62.4	158	0.0	1.0	0.644	57.6	−58.6	26.2	64.3	156	0.0	1.0	0.1	0.0	1.0	0.778	58.4	−53.1	11.3	54.4	168	0.0	1.0	0.1			
159	157	169	0.0	1.0	0.683	57.8	−57.3	22.0	61.5	159	0.0	1.0	0.657	57.7	−58.2	24.8	63.4	157	0.0	1.0	0.117	0.0	1.0	0.785	58.5	−52.7	10.3	53.8	169	0.0	1.0	0.117			
160	158	170	0.0	1.0	0.696	57.8	−56.8	20.7	60.6	160	0.0	1.0	0.67	57.7	−57.8	23.4	62.4	158	0.0	1.0	0.133	0.0	1.0	0.793	58.6	−52.3	9.2	53.2	170	0.0	1.0	0.133			
161	159	170	0.0	1.0	0.709	57.9	−56.3	19.4	59.7	161	0.0	1.0	0.683	57.8	−57.3	22.0	61.5	159	0.0	1.0	0.15	0.0	1.0	0.793	58.6	−52.3	9.2	53.2	170	0.0	1.0	0.15			
162	160	171	0.0	1.0	0.722	57.9	−55.8	18.1	58.7	162	0.0	1.0	0.696	57.8	−56.8	20.7	60.6	160	0.0	1.0	0.167	0.0	1.0	0.8	58.7	−51.8	8.2	52.6	171	0.0	1.0	0.167			
163	161	172	0.0	1.0	0.735	58.0	−55.2	16.9	57.8	163	0.0	1.0	0.709	57.9	−56.3	19.4	59.7	161	0.0	1.0	0.183	0.0	1.0	0.807	58.8	−51.4	7.2	52.0	172	0.0	1.0	0.183			
164	162	173	0.0	1.0	0.748	58.1	−54.6	15.7	56.9	164	0.0	1.0	0.722	57.9	−55.8	18.1	58.7	162	0.0	1.0	0.2	0.0	1.0	0.814	58.9	−50.9	6.3	51.4	173	0.0	1.0	0.2			
165	163	174	0.0	1.0	0.756	58.1	−54.2	14.6	56.2	165	0.0	1.0	0.735	58.0	−55.2	16.9	57.8	163	0.0	1.0	0.217	0.0	1.0	0.822	59.0	−50.4	5.3	50.8	174	0.0	1.0	0.217			
166	164	175	0.0	1.0	0.764	58.2	−53.9	13.5	55.6	166	0.0	1.0	0.748	58.1	−54.6	15.7	56.9	164	0.0	1.0	0.233	0.0	1.0	0.829	59.1	−49.9	4.4	50.2	175	0.0	1.0	0.233			
167	165	176	0.0	1.0	0.771	58.3	−53.5	12.4	55.0	167	0.0	1.0	0.756	58.1	−54.2	14.6	56.2	165	0.0	1.0	0.25	0.0	1.0	0.836	59.2	−49.3	3.5	49.6	176	0.0	1.0	0.25			

Daten der Maximalfarbe M im Farbmetrik-Sytem Laserdrucker HRS18_96; ohne Separation, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *s*: $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *d*: $h_{ab,d}$ = 32.9, 100.4, 144.1, 206.8, 264.8, 351.1; Sechs Bunttonwinkel der Elementarfarben *e*: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd}			LAB^*_{dd}					rgb^*_{ds}			LAB^*_{ds}					rgb^*_{s50}			rgb^*_{de}			LAB^*_{de}					rgb^*_{e50}			rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
167	165	176	0.0	1.0	0.771	58.3	−53.5	12.4	55.0	167	0.0	1.0	0.756	58.1	−54.2	14.6	56.2	165	0.0	1.0	0.25	0.0	1.0	0.836	59.2	−49.3	3.5	49.6	176	0.0	1.0	0.25			
168	166	177	0.0	1.0	0.778	58.4	−53.1	11.3	54.4	168	0.0	1.0	0.764	58.2	−53.9	13.5	55.6	166	0.0	1.0	0.267	0.0	1.0	0.843	59.3	−48.8	2.6	49.0	177	0.0	1.0	0.267			
169	167	178	0.0	1.0	0.785	58.5	−52.7	10.3	53.8	169	0.0	1.0	0.771	58.3	−53.5	12.4	55.0	167	0.0	1.0	0.283	0.0	1.0	0.851	59.4	−48.2	1.7	48.4	178	0.0	1.0	0.283			
170	168	179	0.0	1.0	0.793	58.6	−52.3	9.2	53.2	170	0.0	1.0	0.778	58.4	−53.1	11.3	54.4	168	0.0	1.0	0.3	0.0	1.0	0.858	59.5	−47.6	0.8	47.8	179	0.0	1.0	0.3			
171	169	180	0.0	1.0	0.8	58.7	−51.8	8.2	52.6	171	0.0	1.0	0.785	58.5	−52.7	10.3	53.8	169	0.0	1.0	0.317	0.0	1.0	0.865	59.6	−47.1	0.0	47.2	180	0.0	1.0	0.317			
172	170	180	0.0	1.0	0.807	58.8	−51.4	7.2	52.0	172	0.0	1.0	0.793	58.6	−52.3	9.2	53.2	170	0.0	1.0	0.333	0.0	1.0	0.865	59.6	−47.1	0.0	47.2	180	0.0	1.0	0.333			
173	171	181	0.0	1.0	0.814	58.9	−50.9	6.3	51.4	173	0.0	1.0	0.8	58.7	−51.8	8.2	52.6	171	0.0	1.0	0.35	0.0	1.0	0.872	59.7	−46.4	−0.7	46.5	181	0.0	1.0	0.35			
174	172	182	0.0	1.0	0.822	59.0	−50.4	5.3	50.8	174	0.0	1.0	0.807	58.8	−51.4	7.2	52.0	172	0.0	1.0	0.367	0.0	1.0	0.878	59.7	−46.2	−1.5	46.3	182	0.0	1.0	0.367			
175	173	183	0.0	1.0	0.829	59.1	−49.9	4.4	50.2	175	0.0	1.0	0.814	58.9	−50.9	6.3	51.4	173	0.0	1.0	0.383	0.0	1.0	0.883	59.5	−46.1	−2.3	46.3	183	0.0	1.0	0.383			
176	174	184	0.0	1.0	0.836	59.2	−49.3	3.5	49.6	176	0.0	1.0	0.822	59.0	−50.4	5.3	50.8	174	0.0	1.0	0.4	0.0	1.0	0.888	59.4	−46.1	−3.1	46.3	184	0.0	1.0	0.4			
177	175	185	0.0	1.0	0.843	59.3	−48.8	2.6	49.0	177	0.0	1.0	0.829	59.1	−49.9	4.4	50.2	175	0.0	1.0	0.417	0.0	1.0	0.893	59.3	−46.0	−3.9	46.2	185	0.0	1.0	0.417			
178	176	186	0.0	1.0	0.851	59.4	−48.2	1.7	48.4	178	0.0	1.0	0.836	59.2	−49.3	3.5	49.6	176	0.0	1.0	0.433	0.0	1.0	0.898	59.1	−45.9	−4.7	46.2	186	0.0	1.0	0.433			
179	177	187	0.0	1.0	0.858	59.5	−47.6	0.8	47.8	179	0.0	1.0	0.843	59.3	−48.8	2.6	49.0	177	0.0	1.0	0.45	0.0	1.0	0.903	59.0	−45.8	−5.5	46.2	187	0.0	1.0	0.45			
180	178	188	0.0	1.0	0.865	59.6	−47.1	0.0	47.2	180	0.0	1.0	0.851	59.4	−48.2	1.7	48.4	178	0.0	1.0	0.467	0.0	1.0	0.908	58.9	−45.6	−6.3	46.2	188	0.0	1.0	0.467			
181	179	189	0.0	1.0	0.872	59.7	−46.4	−0.7	46.5	181	0.0	1.0	0.858	59.5	−47.6	0.8	47.8	179	0.0	1.0	0.483	0.0	1.0	0.912	58.7	−45.5	−7.1	46.2	189	0.0	1.0	0.483			
182	180	190	0.0	1.0	0.878	59.7	−46.2	−1.5	46.3	182	0.0	1.0	0.865	59.6	−47.1	0.0	47.2	180	0.0	1.0	0.5	0.0	1.0	0.917	58.6	−45.3	−7.9	46.1	190	0.0	1.0	0.5			
183	181	191	0.0	1.0	0.883	59.5	−46.1	−2.3	46.3	183	0.0	1.0	0.872	59.7	−46.4	−0.7	46.5	181	0.0	1.0	0.517	0.0	1.0	0.922	58.5	−45.2	−8.7	46.1	191	0.0	1.0	0.517			
184	182	191	0.0	1.0	0.888	59.4	−46.1	−3.1	46.3	184	0.0	1.0	0.878	59.7	−46.2	−1.5	46.3	182	0.0	1.0	0.533	0.0	1.0	0.922	58.5	−45.2	−8.7	46.1	191	0.0	1.0	0.533			
185	183	192	0.0	1.0	0.893	59.3	−46.0	−3.9	46.2	185	0.0	1.0	0.883	59.5	−46.1	−2.3	46.3	183	0.0	1.0	0.55	0.0	1.0	0.927	58.3	−45.0	−9.5	46.1	192	0.0	1.0	0.55			
186	184	193	0.0	1.0	0.898	59.1	−45.9	−4.7	46.2	186	0.0	1.0	0.888	59.4	−46.1	−3.1	46.3	184	0.0	1.0	0.567	0.0	1.0	0.932	58.2	−44.8	−10.3	46.1	193	0.0	1.0	0.567			
187	185	194	0.0	1.0	0.903	59.0	−45.8	−5.5	46.2	187	0.0	1.0	0.893	59.3	−46.0	−3.9	46.2	185	0.0	1.0	0.583	0.0	1.0	0.937	58.0	−44.6	−11.0	46.1	194	0.0	1.0	0.583			
188	186	195	0.0	1.0	0.908	58.9	−45.6	−6.3	46.2	188	0.0	1.0	0.898	59.1	−45.9	−4.7	46.2	186	0.0	1.0	0.6	0.0	1.0	0.942	57.9	−44.4	−11.8	46.1	195	0.0	1.0	0.6			
189	187	196	0.0	1.0	0.912	58.7	−45.5	−7.1	46.2	189	0.0	1.0	0.903	59.0	−45.8	−5.5	46.2	187	0.0	1.0	0.617	0.0	1.0	0.947	57.8	−44.1	−12.6	46.0	196	0.0	1.0	0.617			
190	188	197	0.0	1.0	0.917	58.6	−45.3	−7.9	46.1	190	0.0	1.0	0.908	58.9	−45.6	−6.3	46.2	188	0.0	1.0	0.633	0.0	1.0	0.952	57.6	−43.9	−13.4	46.0	197	0.0	1.0	0.633			
191	189	198	0.0	1.0	0.922	58.5	−45.2	−8.7	46.1	191	0.0	1.0	0.912	58.7	−45.5	−7.1	46.2	189	0.0	1.0	0.65	0.0	1.0	0.957	57.5	−43.6	−14.1	46.0	198	0.0	1.0	0.65			
192	190	199	0.0	1.0	0.927	58.3	−45.0	−9.5	46.1	192	0.0	1.0	0.917	58.6	−45.3	−7.9	46.1	190	0.0	1.0	0.667	0.0	1.0	0.962	57.4	−43.4	−14.9	46.0	199	0.0	1.0	0.667			
193	191	200	0.0	1.0	0.932	58.2	−44.8	−10.3	46.1	193	0.0	1.0	0.922	58.5	−45.2	−8.7	46.1	191	0.0	1.0	0.683	0.0	1.0	0.967	57.2	−43.1	−15.6	46.0	200	0.0	1.0	0.683			
194	192	201	0.0	1.0	0.937	58.0	−44.6	−11.0	46.1	194	0.0	1.0	0.927	58.3	−45.0	−9.5	46.1	192	0.0	1.0	0.7	0.0	1.0	0.971	57.1	−42.8	−16.4	45.9	201	0.0	1.0	0.7			
195	193	201	0.0	1.0	0.942	57.9	−44.4	−11.8	46.1	195	0.0	1.0	0.932	58.2	−44.8	−10.3	46.1	193	0.0	1.0	0.717	0.0	1.0	0.971	57.1	−42.8	−16.4	45.9	201	0.0	1.0	0.717			
196	194	202	0.0	1.0	0.947	57.8	−44.1	−12.6	46.0	196	0.0	1.0	0.937	58.0	−44.6	−11.0	46.1	194	0.0	1.0	0.733	0.0	1.0	0.976	57.0	−42.5	−17.1	45.9	202	0.0	1.0	0.733			
197	195	203	0.0	1.0	0.952	57.6	−43.9	−13.4	46.0	197	0.0	1.0	0.942	57.9	−44.4	−11.8	46.1	195	0.0	1.0	0.75	0.0	1.0	0.981	56.8	−42.1	−17.8	45.9	203	0.0	1.0	0.75			
198	196	204	0.0	1.0	0.957	57.5	−43.6	−14.1	46.0	198	0.0	1.0	0.947	57.8	−44.1	−12.6	46.0	196	0.0	1.0	0.767	0.0	1.0	0.986	56.7	−41.8	−18.6	45.9	204	0.0	1.0	0.767			
199	197	205	0.0	1.0	0.962	57.4	−43.4	−14.9	46.0	199	0.0	1.0	0.952	57.6	−43.9	−13.4	46.0	197	0.0	1.0	0.783	0.0	1.0	0.991	56.6	−41.5	−19.3	45.9	205	0.0	1.0	0.783			
200	198	206	0.0	1.0	0.967	57.2	−43.1	−15.6	46.0	200	0.0	1.0	0.957	57.5	−43.6	−14.1	46.0	198	0.0	1.0	0.8	0.0	1.0	0.996	56.4	−41.1	−20.0	45.8	206	0.0	1.0	0.8			
201	199	207	0.0	1.0	0.971	57.1	−42.8	−16.4	45.9	201	0.0	1.0	0.962	57.4	−43.4	−14.9	46.0	199	0.0	1.0	0.817	0.0	0.999	1.0	56.3	−40.8	−20.7	45.9	207	0.0	1.0	0.817			
202	200	208	0.0	1.0	0.976	57.0	−42.5	−17.1	45.9	202	0.0	1.0	0.967	57.2	−43.1	−15.6	46.0	200	0.0	1.0	0.833	0.0	0.992	1.0	56.1	−40.6	−21.6	46.1	208	0.0	1.0	0.833			
203	201	209	0.0	1.0	0.981	56.8	−42.1	−17.8	45.9	203	0.0	1.0	0.971	57.1	−42.8	−16.4	45.9	201	0.0	1.0	0.85	0.0	0.985	1.0	55.9	−40.5	−22.4	46.4	209	0.0	1.0	0.85			
204	202	210	0.0	1.0	0.986	56.7	−41.8	−18.6	45.9	204	0.0	1.0	0.976	57.0	−42.5	−17.1	45.9	202	0.0	1.0	0.867	0.0	0.978	1.0	55.6	−40.3	−23.2	46.7	210	0.0	1.0	0.867			
205	203	211	0.0	1.0	0.991	56.6	−41.5	−19.3	45.9	205	0.0	1.0	0.981	56.8	−42.1	−17.8	45.9	203	0.0	1.0	0.883	0.0	0.971	1.0	55.4	−40.1	−24.1	46.9	211	0.0	1.0	0.883			
206	204	212	0.0	1.0	0.996	56.4	−41.1	−20.0	45.8	206 C_d	0.0	1.0	0.986	56.7	−41.8	−18.6	45.9	204	0.0	1.0	0.9	0.0	0.964	1.0	55.2	−39.9	−24.9	47.2	212	0.0	1.0	0.9			
207	205	212	0.0	0.999	1.0	56.3	−40.8	−20.7	45.9	207	0.0	1.0	0.991	56.6	−41.5	−19.3	45.9	205	0.0	1.0	0.917	0.0	0.964	1.0	55.2	−39.9	−24.9	47.2	212	0.0	1.0	0.917			
208	206	213	0.0	0.992	1.0	56.1	−40.6	−21.6	46.1	208	0.0	1.0	0.996	56.4	−41.1	−20.0	45.8	206	0.0	1.0	0.933	0.0	0.956	1.0	55.0	−39.7	−25.8	47.5	213	0.0	1.0	0.933			
209	207	214	0.0	0.985	1.0	55.9	−40.5	−22.4	46.4	209	0.0	0.999	1.0	56.3	−40.8	−20.7	45.9	207	0.0	1.0	0.95	0.0	0.949	1.0	54.8	−39.5	−26.6	47.7	214	0.0	1.0	0.95			
210	208	215	0.0	0.978	1.0	55.6	−40.3	−23.2	46.7	210	0.0	0.992	1.0	56.1	−40.6	−21.6	46.1	208	0.0	1.0	0.967	0.0	0.942	1.0	54.6	−39.2	−27.4	48.0	215	0.0	1.0	0.967			
211	209	216	0.0	0.971	1.0	55.4	−40.1	−24.1	46.9	211	0.0	0.985	1.0	55.9	−40.5	−22.4	46.4	209	0.0	1.0	0.983	0.0	0.935	1.0	54.3	−39.0	−28.3	48.3	216	0.0	1.0	0.983			
212	210	217	0.0	0.964	1.0	55.2	−39.9	−24.9	47.2	212	0.0	0.978	1.0	55.6	−40.3	−23.2	46.7	210	0.0	1.0	1.0 C_s	0.0	0.928	1.0	54.1	−38.7	−29.1	48.6	217	0.0	1.0	1.0 C_e			

Daten der Maximalfarbe M im Farbmetrik-Sytem Laserdrucker HRS18_96; ohne Separation, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *s*: $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *d*: $h_{ab,d}$ = 32.9, 100.4, 144.1, 206.8, 264.8, 351.1; Sechs Bunttonwinkel der Elementarfarben *e*: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361Mi			*LAB**dd361Mix (x=LabCh)				*rgb**ds361Mi			*LAB**ds361Mix (x=LabCh)				*rgb**s50M				*rgb**de361Mi			*LAB**de361Mix (x=LabCh)				*rgb**e50M				*rgb**dd	*rgb**ds	*rgb**de
212	210	217	0.0	0.964	1.0	55.2	−39.9	−24.9	47.2	212	0.0	0.978	1.0	55.6	−40.3	−23.2	46.7	210	0.0	1.0	1.0 C_s	0.0	0.928	1.0	54.1	−38.7	−29.1	48.6	217	0.0	1.0	1.0 C_e			
213	211	218	0.0	0.956	1.0	55.0	−39.7	−25.8	47.5	213	0.0	0.971	1.0	55.4	−40.1	−24.1	46.9	211	0.0	0.983	1.0	0.0	0.921	1.0	53.9	−38.4	−30.0	48.8	218	0.0	0.983	1.0			
214	212	219	0.0	0.949	1.0	54.8	−39.5	−26.6	47.7	214	0.0	0.964	1.0	55.2	−39.9	−24.9	47.2	212	0.0	0.967	1.0	0.0	0.914	1.0	53.7	−38.1	−30.8	49.1	219	0.0	0.967	1.0			
215	213	220	0.0	0.942	1.0	54.6	−39.2	−27.4	48.0	215	0.0	0.956	1.0	55.0	−39.7	−25.8	47.5	213	0.0	0.95	1.0	0.0	0.907	1.0	53.5	−37.7	−31.6	49.4	220	0.0	0.95	1.0			
216	214	221	0.0	0.935	1.0	54.3	−39.0	−28.3	48.3	216	0.0	0.949	1.0	54.8	−39.5	−26.6	47.7	214	0.0	0.933	1.0	0.0	0.9	1.0	53.3	−37.4	−32.5	49.6	221	0.0	0.933	1.0			
217	215	222	0.0	0.928	1.0	54.1	−38.7	−29.1	48.6	217	0.0	0.942	1.0	54.6	−39.2	−27.4	48.0	215	0.0	0.917	1.0	0.0	0.893	1.0	53.0	−37.0	−33.3	49.9	222	0.0	0.917	1.0			
218	216	222	0.0	0.921	1.0	53.9	−38.4	−30.0	48.8	218	0.0	0.935	1.0	54.3	−39.0	−28.3	48.3	216	0.0	0.9	1.0	0.0	0.893	1.0	53.0	−37.0	−33.3	49.9	222	0.0	0.9	1.0			
219	217	223	0.0	0.914	1.0	53.7	−38.1	−30.8	49.1	219	0.0	0.928	1.0	54.1	−38.7	−29.1	48.6	217	0.0	0.883	1.0	0.0	0.886	1.0	52.8	−36.6	−34.1	50.2	223	0.0	0.883	1.0			
220	218	224	0.0	0.907	1.0	53.5	−37.7	−31.6	49.4	220	0.0	0.921	1.0	53.9	−38.4	−30.0	48.8	218	0.0	0.867	1.0	0.0	0.879	1.0	52.6	−36.2	−34.9	50.4	224	0.0	0.867	1.0			
221	219	225	0.0	0.9	1.0	53.3	−37.4	−32.5	49.6	221	0.0	0.914	1.0	53.7	−38.1	−30.8	49.1	219	0.0	0.85	1.0	0.0	0.872	1.0	52.5	−35.7	−35.7	50.7	225	0.0	0.85	1.0			
222	220	226	0.0	0.893	1.0	53.0	−37.0	−33.3	49.9	222	0.0	0.907	1.0	53.5	−37.7	−31.6	49.4	220	0.0	0.833	1.0	0.0	0.865	1.0	52.4	−35.3	−36.5	50.9	226	0.0	0.833	1.0			
223	221	227	0.0	0.886	1.0	52.8	−36.6	−34.1	50.2	223	0.0	0.9	1.0	53.3	−37.4	−32.5	49.6	221	0.0	0.817	1.0	0.0	0.858	1.0	52.3	−34.8	−37.3	51.1	227	0.0	0.817	1.0			
224	222	228	0.0	0.879	1.0	52.6	−36.2	−34.9	50.4	224	0.0	0.893	1.0	53.0	−37.0	−33.3	49.9	222	0.0	0.8	1.0	0.0	0.851	1.0	52.2	−34.3	−38.1	51.3	228	0.0	0.8	1.0			
225	223	229	0.0	0.872	1.0	52.5	−35.7	−35.7	50.7	225	0.0	0.886	1.0	52.8	−36.6	−34.1	50.2	223	0.0	0.783	1.0	0.0	0.844	1.0	52.2	−33.7	−38.8	51.6	229	0.0	0.783	1.0			
226	224	230	0.0	0.865	1.0	52.4	−35.3	−36.5	50.9	226	0.0	0.879	1.0	52.6	−36.2	−34.9	50.4	224	0.0	0.767	1.0	0.0	0.837	1.0	52.1	−33.2	−39.6	51.8	230	0.0	0.767	1.0			
227	225	231	0.0	0.858	1.0	52.3	−34.8	−37.3	51.1	227	0.0	0.872	1.0	52.5	−35.7	−35.7	50.7	225	0.0	0.75	1.0	0.0	0.83	1.0	52.0	−32.6	−40.3	52.0	231	0.0	0.75	1.0			
228	226	232	0.0	0.851	1.0	52.2	−34.3	−38.1	51.3	228	0.0	0.865	1.0	52.4	−35.3	−36.5	50.9	226	0.0	0.733	1.0	0.0	0.823	1.0	52.0	−32.0	−41.0	52.2	232	0.0	0.733	1.0			
229	227	232	0.0	0.844	1.0	52.2	−33.7	−38.8	51.6	229	0.0	0.858	1.0	52.3	−34.8	−37.3	51.1	227	0.0	0.717	1.0	0.0	0.823	1.0	52.0	−32.0	−41.0	52.2	232	0.0	0.717	1.0			
230	228	233	0.0	0.837	1.0	52.1	−33.2	−39.6	51.8	230	0.0	0.851	1.0	52.2	−34.3	−38.1	51.3	228	0.0	0.7	1.0	0.0	0.815	1.0	51.9	−31.5	−41.8	52.4	233	0.0	0.7	1.0			
231	229	234	0.0	0.83	1.0	52.0	−32.6	−40.3	52.0	231	0.0	0.844	1.0	52.2	−33.7	−38.8	51.6	229	0.0	0.683	1.0	0.0	0.808	1.0	51.8	−30.8	−42.5	52.6	234	0.0	0.683	1.0			
232	230	235	0.0	0.823	1.0	52.0	−32.0	−41.0	52.2	232	0.0	0.837	1.0	52.1	−33.2	−39.6	51.8	230	0.0	0.667	1.0	0.0	0.801	1.0	51.8	−30.2	−43.2	52.9	235	0.0	0.667	1.0			
233	231	236	0.0	0.815	1.0	51.9	−31.5	−41.8	52.4	233	0.0	0.83	1.0	52.0	−32.6	−40.3	52.0	231	0.0	0.65	1.0	0.0	0.794	1.0	51.7	−29.6	−43.9	53.1	236	0.0	0.65	1.0			
234	232	237	0.0	0.808	1.0	51.8	−30.8	−42.5	52.6	234	0.0	0.823	1.0	52.0	−32.0	−41.0	52.2	232	0.0	0.633	1.0	0.0	0.787	1.0	51.6	−28.9	−44.6	53.3	237	0.0	0.633	1.0			
235	233	238	0.0	0.801	1.0	51.8	−30.2	−43.2	52.9	235	0.0	0.815	1.0	51.9	−31.5	−41.8	52.4	233	0.0	0.617	1.0	0.0	0.78	1.0	51.6	−28.3	−45.3	53.5	238	0.0	0.617	1.0			
236	234	239	0.0	0.794	1.0	51.7	−29.6	−43.9	53.1	236	0.0	0.808	1.0	51.8	−30.8	−42.5	52.6	234	0.0	0.6	1.0	0.0	0.773	1.0	51.5	−27.6	−46.0	53.7	239	0.0	0.6	1.0			
237	235	240	0.0	0.787	1.0	51.6	−28.9	−44.6	53.3	237	0.0	0.801	1.0	51.8	−30.2	−43.2	52.9	235	0.0	0.583	1.0	0.0	0.766	1.0	51.4	−26.9	−46.6	54.0	240	0.0	0.583	1.0			
238	236	241	0.0	0.78	1.0	51.6	−28.3	−45.3	53.5	238	0.0	0.794	1.0	51.7	−29.6	−43.9	53.1	236	0.0	0.567	1.0	0.0	0.759	1.0	51.4	−26.2	−47.3	54.2	241	0.0	0.567	1.0			
239	237	242	0.0	0.773	1.0	51.5	−27.6	−46.0	53.7	239	0.0	0.787	1.0	51.6	−28.9	−44.6	53.3	237	0.0	0.55	1.0	0.0	0.752	1.0	51.3	−25.4	−47.9	54.4	242	0.0	0.55	1.0			
240	238	243	0.0	0.766	1.0	51.4	−26.9	−46.6	54.0	240	0.0	0.78	1.0	51.6	−28.3	−45.3	53.5	238	0.0	0.533	1.0	0.0	0.735	1.0	50.9	−24.5	−48.1	54.1	243	0.0	0.533	1.0			
241	239	243	0.0	0.759	1.0	51.4	−26.2	−47.3	54.2	241	0.0	0.773	1.0	51.5	−27.6	−46.0	53.7	239	0.0	0.517	1.0	0.0	0.735	1.0	50.9	−24.5	−48.1	54.1	243	0.0	0.517	1.0			
242	240	244	0.0	0.752	1.0	51.3	−25.4	−47.9	54.4	242	0.0	0.766	1.0	51.4	−26.9	−46.6	54.0	240	0.0	0.5	1.0	0.0	0.715	1.0	50.4	−23.4	−48.2	53.7	244	0.0	0.5	1.0			
243	241	245	0.0	0.735	1.0	50.9	−24.5	−48.1	54.1	243	0.0	0.759	1.0	51.4	−26.2	−47.3	54.2	241	0.0	0.483	1.0	0.0	0.695	1.0	49.9	−22.4	−48.2	53.3	245	0.0	0.483	1.0			
244	242	246	0.0	0.715	1.0	50.4	−23.4	−48.2	53.7	244	0.0	0.752	1.0	51.3	−25.4	−47.9	54.4	242	0.0	0.467	1.0	0.0	0.674	1.0	49.4	−21.4	−48.2	52.9	246	0.0	0.467	1.0			
245	243	247	0.0	0.695	1.0	49.9	−22.4	−48.2	53.3	245	0.0	0.735	1.0	50.9	−24.5	−48.1	54.1	243	0.0	0.45	1.0	0.0	0.654	1.0	48.9	−20.4	−48.2	52.4	247	0.0	0.45	1.0			
246	244	248	0.0	0.674	1.0	49.4	−21.4	−48.2	52.9	246	0.0	0.715	1.0	50.4	−23.4	−48.2	53.7	244	0.0	0.433	1.0	0.0	0.634	1.0	48.4	−19.4	−48.1	52.0	248	0.0	0.433	1.0			
247	245	249	0.0	0.654	1.0	48.9	−20.4	−48.2	52.4	247	0.0	0.695	1.0	49.9	−22.4	−48.2	53.3	245	0.0	0.417	1.0	0.0	0.61	1.0	47.8	−18.4	−48.1	51.6	249	0.0	0.417	1.0			
248	246	250	0.0	0.634	1.0	48.4	−19.4	−48.1	52.0	248	0.0	0.674	1.0	49.4	−21.4	−48.2	52.9	246	0.0	0.4	1.0	0.0	0.584	1.0	47.3	−17.5	−48.1	51.3	250	0.0	0.4	1.0			
249	247	251	0.0	0.61	1.0	47.8	−18.4	−48.1	51.6	249	0.0	0.654	1.0	48.9	−20.4	−48.2	52.4	247	0.0	0.383	1.0	0.0	0.557	1.0	46.7	−16.5	−48.1	51.0	251	0.0	0.383	1.0			
250	248	252	0.0	0.584	1.0	47.3	−17.5	−48.1	51.3	250	0.0	0.634	1.0	48.4	−19.4	−48.1	52.0	248	0.0	0.367	1.0	0.0	0.531	1.0	46.1	−15.6	−48.1	50.7	252	0.0	0.367	1.0			
251	249	253	0.0	0.557	1.0	46.7	−16.5	−48.1	51.0	251	0.0	0.61	1.0	47.8	−18.4	−48.1	51.6	249	0.0	0.35	1.0	0.0	0.505	1.0	45.6	−14.6	−48.1	50.4	253	0.0	0.35	1.0			
252	250	253	0.0	0.531	1.0	46.1	−15.6	−48.1	50.7	252	0.0	0.584	1.0	47.3	−17.5	−48.1	51.3	250	0.0	0.333	1.0	0.0	0.505	1.0	45.6	−14.6	−48.1	50.4	253	0.0	0.333	1.0			
253	251	254	0.0	0.505	1.0	45.6	−14.6	−48.1	50.4	253	0.0	0.557	1.0	46.7	−16.5	−48.1	51.0	251	0.0	0.317	1.0	0.0	0.477	1.0	45.0	−13.7	−48.1	50.1	254	0.0	0.317	1.0			
254	252	255	0.0	0.477	1.0	45.0	−13.7	−48.1	50.1	254	0.0	0.531	1.0	46.1	−15.6	−48.1	50.7	252	0.0	0.3	1.0	0.0	0.448	1.0	44.5	−12.8	−48.1	49.9	255	0.0	0.3	1.0			
255	253	256	0.0	0.448	1.0	44.5	−12.8	−48.1	49.9	255	0.0	0.505	1.0	45.6	−14.6	−48.1	50.4	253	0.0	0.283	1.0	0.0	0.42	1.0	43.9	−11.9	−48.0	49.6	256	0.0	0.283	1.0			
256	254	257	0.0	0.42	1.0	43.9	−11.9	−48.0	49.6	256	0.0	0.477	1.0	45.0	−13.7	−48.1	50.1	254	0.0	0.267	1.0	0.0	0.392	1.0	43.4	−11.0	−48.0	49.3	257	0.0	0.267	1.0			
257	255	258	0.0	0.392	1.0	43.4	−11.0	−48.0	49.3	257	0.0	0.448	1.0	44.5	−12.8	−48.1	49.9	255	0.0	0.25	1.0	0.0	0.364	1.0	42.9	−10.1	−47.9	49.1	258	0.0	0.25	1.0			

Daten der Maximalfarbe M im Farbmetrik-Sytem Laserdrucker HRS18_96; ohne Separation, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *s:* $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *d:* $h_{ab,d}$ = 32.9, 100.4, 144.1, 206.8, 264.8, 351.1; Sechs Bunttonwinkel der Elementarfarben *e:* $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*dd361Mi			LAB^*dd361Mix (x=LabCh)					rgb^*ds361Mi			LAB^*ds361Mix (x=LabCh)					rgb^*s50M			rgb^*de361Mi			LAB^*de361Mix (x=LabCh)					rgb^*e50M			rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
257	255	258	0.0	0.392	1.0	43.4	−11.0	−48.0	49.3	257	0.0	0.448	1.0	44.5	−12.8	−48.1	49.9	255	0.0	0.25	1.0	0.0	0.364	1.0	42.9	−10.1	−47.9	49.1	258	0.0	0.25	1.0			
258	256	259	0.0	0.364	1.0	42.9	−10.1	−47.9	49.1	258	0.0	0.42	1.0	43.9	−11.9	−48.0	49.6	256	0.0	0.233	1.0	0.0	0.338	1.0	42.5	−9.2	−47.9	48.9	259	0.0	0.233	1.0			
259	257	260	0.0	0.338	1.0	42.5	−9.2	−47.9	48.9	259	0.0	0.392	1.0	43.4	−11.0	−48.0	49.3	257	0.0	0.217	1.0	0.0	0.311	1.0	42.1	−8.4	−47.8	48.7	260	0.0	0.217	1.0			
260	258	261	0.0	0.311	1.0	42.1	−8.4	−47.8	48.7	260	0.0	0.364	1.0	42.9	−10.1	−47.9	49.1	258	0.0	0.2	1.0	0.0	0.285	1.0	41.7	−7.5	−47.8	48.5	261	0.0	0.2	1.0			
261	259	262	0.0	0.285	1.0	41.7	−7.5	−47.8	48.5	261	0.0	0.338	1.0	42.5	−9.2	−47.9	48.9	259	0.0	0.183	1.0	0.0	0.258	1.0	41.3	−6.6	−47.7	48.3	262	0.0	0.183	1.0			
262	260	263	0.0	0.258	1.0	41.3	−6.6	−47.7	48.3	262	0.0	0.311	1.0	42.1	−8.4	−47.8	48.7	260	0.0	0.167	1.0	0.0	0.215	1.0	40.8	−5.8	−47.6	48.0	263	0.0	0.167	1.0			
263	261	264	0.0	0.215	1.0	40.8	−5.8	−47.6	48.0	263	0.0	0.285	1.0	41.7	−7.5	−47.8	48.5	261	0.0	0.15	1.0	0.0	0.164	1.0	40.3	−4.9	−47.5	47.8	264	0.0	0.15	1.0			
264	262	264	0.0	0.164	1.0	40.3	−4.9	−47.5	47.8	264 ***B*$_d$**	0.0	0.258	1.0	41.3	−6.6	−47.7	48.3	262	0.0	0.133	1.0	0.0	0.164	1.0	40.3	−4.9	−47.5	47.8	264	0.0	0.133	1.0			
265	263	265	0.071	0.0	1.0	39.5	−4.0	−47.3	47.6	265	0.0	0.215	1.0	40.8	−5.8	−47.6	48.0	263	0.0	0.117	1.0	0.071	0.0	1.0	39.5	−4.0	−47.3	47.6	265	0.0	0.117	1.0			
266	264	266	0.186	0.0	1.0	39.1	−3.2	−47.3	47.5	266	0.0	0.164	1.0	40.3	−4.9	−47.5	47.8	264	0.0	0.1	1.0	0.186	0.0	1.0	39.1	−3.2	−47.3	47.5	266	0.0	0.1	1.0			
267	265	267	0.256	0.0	1.0	38.9	−2.4	−47.4	47.5	267	0.071	0.0	1.0	39.5	−4.0	−47.3	47.6	265	0.0	0.083	1.0	0.256	0.0	1.0	38.9	−2.4	−47.4	47.5	267	0.0	0.083	1.0			
268	266	268	0.299	0.0	1.0	38.3	−1.6	−47.8	48.0	268	0.186	0.0	1.0	39.1	−3.2	−47.3	47.5	266	0.0	0.067	1.0	0.299	0.0	1.0	38.3	−1.6	−47.8	48.0	268	0.0	0.067	1.0			
269	267	269	0.342	0.0	1.0	37.7	−0.7	−48.3	48.4	269	0.256	0.0	1.0	38.9	−2.4	−47.4	47.5	267	0.0	0.05	1.0	0.342	0.0	1.0	37.7	−0.7	−48.3	48.4	269	0.0	0.05	1.0			
270	268	270	0.378	0.0	1.0	37.2	0.0	−48.6	48.7	270	0.299	0.0	1.0	38.3	−1.6	−47.8	48.0	268	0.0	0.033	1.0	0.378	0.0	1.0	37.2	0.0	−48.6	48.7	270	0.0	0.033	1.0			
271	269	271	0.39	0.0	1.0	37.1	0.8	−48.4	48.5	271	0.342	0.0	1.0	37.7	−0.7	−48.3	48.4	269	0.0	0.017	1.0	0.39	0.0	1.0	37.1	0.8	−48.4	48.5	271	0.0	0.017	1.0			
272	270	272	0.402	0.0	1.0	37.0	1.7	−48.2	48.4	272	0.378	0.0	1.0	37.2	0.0	−48.6	48.7	270	0.0	0.0	1.0 ***B*$_s$**	0.402	0.0	1.0	37.0	1.7	−48.2	48.4	272	0.0	0.0	1.0 ***B*$_e$**			
273	271	273	0.414	0.0	1.0	36.9	2.5	−48.0	48.2	273	0.39	0.0	1.0	37.1	0.8	−48.4	48.5	271	0.017	0.0	1.0	0.414	0.0	1.0	36.9	2.5	−48.0	48.2	273	0.017	0.0	1.0			
274	272	274	0.425	0.0	1.0	36.8	3.4	−47.8	48.1	274	0.402	0.0	1.0	37.0	1.7	−48.2	48.4	272	0.033	0.0	1.0	0.425	0.0	1.0	36.8	3.4	−47.8	48.1	274	0.033	0.0	1.0			
275	273	275	0.437	0.0	1.0	36.7	4.2	−47.6	47.9	275	0.414	0.0	1.0	36.9	2.5	−48.0	48.2	273	0.05	0.0	1.0	0.437	0.0	1.0	36.7	4.2	−47.6	47.9	275	0.05	0.0	1.0			
276	274	276	0.449	0.0	1.0	36.6	5.0	−47.4	47.7	276	0.425	0.0	1.0	36.8	3.4	−47.8	48.1	274	0.067	0.0	1.0	0.449	0.0	1.0	36.6	5.0	−47.4	47.7	276	0.067	0.0	1.0			
277	275	276	0.461	0.0	1.0	36.5	5.8	−47.1	47.6	277	0.437	0.0	1.0	36.7	4.2	−47.6	47.9	275	0.083	0.0	1.0	0.449	0.0	1.0	36.6	5.0	−47.4	47.7	276	0.083	0.0	1.0			
278	276	277	0.473	0.0	1.0	36.4	6.6	−46.9	47.4	278	0.449	0.0	1.0	36.6	5.0	−47.4	47.7	276	0.1	0.0	1.0	0.461	0.0	1.0	36.5	5.8	−47.1	47.6	277	0.1	0.0	1.0			
279	277	278	0.485	0.0	1.0	36.3	7.4	−46.6	47.3	279	0.461	0.0	1.0	36.5	5.8	−47.1	47.6	277	0.117	0.0	1.0	0.473	0.0	1.0	36.4	6.6	−46.9	47.4	278	0.117	0.0	1.0			
280	278	279	0.497	0.0	1.0	36.2	8.2	−46.3	47.1	280	0.473	0.0	1.0	36.4	6.6	−46.9	47.4	278	0.133	0.0	1.0	0.485	0.0	1.0	36.3	7.4	−46.6	47.3	279	0.133	0.0	1.0			
281	279	280	0.506	0.0	1.0	36.2	9.0	−46.1	47.1	281	0.485	0.0	1.0	36.3	7.4	−46.6	47.3	279	0.15	0.0	1.0	0.497	0.0	1.0	36.2	8.2	−46.3	47.1	280	0.15	0.0	1.0			
282	280	281	0.513	0.0	1.0	36.2	9.8	−45.9	47.0	282	0.497	0.0	1.0	36.2	8.2	−46.3	47.1	280	0.167	0.0	1.0	0.506	0.0	1.0	36.2	9.0	−46.1	47.1	281	0.167	0.0	1.0			
283	281	282	0.52	0.0	1.0	36.3	10.6	−45.7	47.0	283	0.506	0.0	1.0	36.2	9.0	−46.1	47.1	281	0.183	0.0	1.0	0.513	0.0	1.0	36.2	9.8	−45.9	47.0	282	0.183	0.0	1.0			
284	282	283	0.527	0.0	1.0	36.3	11.4	−45.4	46.9	284	0.513	0.0	1.0	36.2	9.8	−45.9	47.0	282	0.2	0.0	1.0	0.52	0.0	1.0	36.3	10.6	−45.7	47.0	283	0.2	0.0	1.0			
285	283	284	0.535	0.0	1.0	36.3	12.1	−45.2	46.9	285	0.52	0.0	1.0	36.3	10.6	−45.7	47.0	283	0.217	0.0	1.0	0.527	0.0	1.0	36.3	11.4	−45.4	46.9	284	0.217	0.0	1.0			
286	284	285	0.542	0.0	1.0	36.4	12.9	−44.9	46.9	286	0.527	0.0	1.0	36.3	11.4	−45.4	46.9	284	0.233	0.0	1.0	0.535	0.0	1.0	36.3	12.1	−45.2	46.9	285	0.233	0.0	1.0			
287	285	286	0.549	0.0	1.0	36.4	13.7	−44.7	46.8	287	0.535	0.0	1.0	36.3	12.1	−45.2	46.9	285	0.25	0.0	1.0	0.542	0.0	1.0	36.4	12.9	−44.9	46.9	286	0.25	0.0	1.0			
288	286	287	0.556	0.0	1.0	36.5	14.5	−44.4	46.8	288	0.542	0.0	1.0	36.4	12.9	−44.9	46.9	286	0.267	0.0	1.0	0.549	0.0	1.0	36.4	13.7	−44.7	46.8	287	0.267	0.0	1.0			
289	287	288	0.564	0.0	1.0	36.5	15.2	−44.1	46.7	289	0.549	0.0	1.0	36.4	13.7	−44.7	46.8	287	0.283	0.0	1.0	0.556	0.0	1.0	36.5	14.5	−44.4	46.8	288	0.283	0.0	1.0			
290	288	289	0.571	0.0	1.0	36.5	16.0	−43.8	46.7	290	0.556	0.0	1.0	36.5	14.5	−44.4	46.8	288	0.3	0.0	1.0	0.564	0.0	1.0	36.5	15.2	−44.1	46.7	289	0.3	0.0	1.0			
291	289	290	0.578	0.0	1.0	36.6	16.7	−43.5	46.6	291	0.564	0.0	1.0	36.5	15.2	−44.1	46.7	289	0.317	0.0	1.0	0.571	0.0	1.0	36.5	16.0	−43.8	46.7	290	0.317	0.0	1.0			
292	290	291	0.585	0.0	1.0	36.6	17.5	−43.1	46.6	292	0.571	0.0	1.0	36.5	16.0	−43.8	46.7	290	0.333	0.0	1.0	0.578	0.0	1.0	36.6	16.7	−43.5	46.6	291	0.333	0.0	1.0			
293	291	292	0.592	0.0	1.0	36.7	18.2	−42.8	46.6	293	0.578	0.0	1.0	36.6	16.7	−43.5	46.6	291	0.35	0.0	1.0	0.585	0.0	1.0	36.6	17.5	−43.1	46.6	292	0.35	0.0	1.0			
294	292	293	0.6	0.0	1.0	36.7	18.9	−42.4	46.5	294	0.585	0.0	1.0	36.6	17.5	−43.1	46.6	292	0.367	0.0	1.0	0.592	0.0	1.0	36.7	18.2	−42.8	46.6	293	0.367	0.0	1.0			
295	293	294	0.607	0.0	1.0	36.7	19.6	−42.0	46.5	295	0.592	0.0	1.0	36.7	18.2	−42.8	46.6	293	0.383	0.0	1.0	0.6	0.0	1.0	36.7	18.9	−42.4	46.5	294	0.383	0.0	1.0			
296	294	294	0.614	0.0	1.0	36.8	20.4	−41.6	46.4	296	0.6	0.0	1.0	36.7	18.9	−42.4	46.5	294	0.4	0.0	1.0	0.6	0.0	1.0	36.7	18.9	−42.4	46.5	294	0.4	0.0	1.0			
297	295	295	0.621	0.0	1.0	36.8	21.1	−41.2	46.4	297	0.607	0.0	1.0	36.7	19.6	−42.0	46.5	295	0.417	0.0	1.0	0.607	0.0	1.0	36.7	19.6	−42.0	46.5	295	0.417	0.0	1.0			
298	296	296	0.628	0.0	1.0	36.9	21.8	−41.0	46.5	298	0.614	0.0	1.0	36.8	20.4	−41.6	46.4	296	0.433	0.0	1.0	0.614	0.0	1.0	36.8	20.4	−41.6	46.4	296	0.433	0.0	1.0			
299	297	297	0.635	0.0	1.0	37.0	22.7	−40.8	46.8	299	0.621	0.0	1.0	36.8	21.1	−41.2	46.4	297	0.45	0.0	1.0	0.621	0.0	1.0	36.8	21.1	−41.2	46.4	297	0.45	0.0	1.0			
300	298	298	0.642	0.0	1.0	37.1	23.5	−40.6	47.0	300	0.628	0.0	1.0	36.9	21.8	−41.0	46.5	298	0.467	0.0	1.0	0.628	0.0	1.0	36.9	21.8	−41.0	46.5	298	0.467	0.0	1.0			
301	299	299	0.648	0.0	1.0	37.2	24.3	−40.4	47.3	301	0.635	0.0	1.0	37.0	22.7	−40.8	46.8	299	0.483	0.0	1.0	0.635	0.0	1.0	37.0	22.7	−40.8	46.8	299	0.483	0.0	1.0			
302	300	300	0.655	0.0	1.0	37.3	25.2	−40.2	47.5	302	0.642	0.0	1.0	37.1	23.5	−40.6	47.0	300	0.5	0.0	1.0	0.642	0.0	1.0	37.1	23.5	−40.6	47.0	300	0.5	0.0	1.0			

Daten der Maximalfarbe M im Farbmetrik-Sytem Laserdrucker HRS18_96; ohne Separation, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *s*: $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *d*: $h_{ab,d}$ = 32.9, 100.4, 144.1, 206.8, 264.8, 351.1; Sechs Bunttonwinkel der Elementarfarben *e*: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

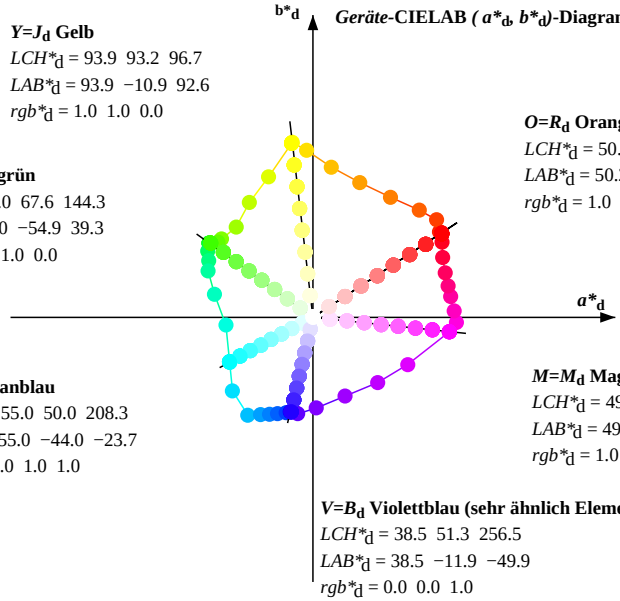
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361Mi			*LAB**dd361Mix (x=LabCh)					*rgb**ds361Mi			*LAB**ds361Mix (x=LabCh)					*rgb**s50M			*rgb**de361Mi			*LAB**de361Mix (x=LabCh)					*rgb**e50M			*rgb**dd	*rgb**ds	*rgb**de
302	300	300	0.655	0.0	1.0	37.3	25.2	−40.2	47.5	302	0.642	0.0	1.0	37.1	23.5	−40.6	47.0	300	0.5	0.0	1.0	0.642	0.0	1.0	37.1	23.5	−40.6	47.0	300	0.5	0.0	1.0			
303	301	301	0.661	0.0	1.0	37.5	26.0	−40.0	47.8	303	0.648	0.0	1.0	37.2	24.3	−40.4	47.3	301	0.517	0.0	1.0	0.648	0.0	1.0	37.2	24.3	−40.4	47.3	301	0.517	0.0	1.0			
304	302	302	0.668	0.0	1.0	37.6	26.8	−39.7	48.0	304	0.655	0.0	1.0	37.3	25.2	−40.2	47.5	302	0.533	0.0	1.0	0.655	0.0	1.0	37.3	25.2	−40.2	47.5	302	0.533	0.0	1.0			
305	303	303	0.675	0.0	1.0	37.7	27.7	−39.4	48.3	305	0.661	0.0	1.0	37.5	26.0	−40.0	47.8	303	0.55	0.0	1.0	0.661	0.0	1.0	37.5	26.0	−40.0	47.8	303	0.55	0.0	1.0			
306	304	304	0.681	0.0	1.0	37.8	28.5	−39.1	48.5	306	0.668	0.0	1.0	37.6	26.8	−39.7	48.0	304	0.567	0.0	1.0	0.668	0.0	1.0	37.6	26.8	−39.7	48.0	304	0.567	0.0	1.0			
307	305	305	0.688	0.0	1.0	37.9	29.3	−38.8	48.8	307	0.675	0.0	1.0	37.7	27.7	−39.4	48.3	305	0.583	0.0	1.0	0.675	0.0	1.0	37.7	27.7	−39.4	48.3	305	0.583	0.0	1.0			
308	306	306	0.694	0.0	1.0	38.0	30.2	−38.5	49.0	308	0.681	0.0	1.0	37.8	28.5	−39.1	48.5	306	0.6	0.0	1.0	0.681	0.0	1.0	37.8	28.5	−39.1	48.5	306	0.6	0.0	1.0			
309	307	307	0.701	0.0	1.0	38.1	31.0	−38.2	49.2	309	0.688	0.0	1.0	37.9	29.3	−38.8	48.8	307	0.617	0.0	1.0	0.688	0.0	1.0	37.9	29.3	−38.8	48.8	307	0.617	0.0	1.0			
310	308	308	0.708	0.0	1.0	38.2	31.8	−37.8	49.5	310	0.694	0.0	1.0	38.0	30.2	−38.5	49.0	308	0.633	0.0	1.0	0.694	0.0	1.0	38.0	30.2	−38.5	49.0	308	0.633	0.0	1.0			
311	309	309	0.714	0.0	1.0	38.4	32.6	−37.4	49.7	311	0.701	0.0	1.0	38.1	31.0	−38.2	49.2	309	0.65	0.0	1.0	0.701	0.0	1.0	38.1	31.0	−38.2	49.2	309	0.65	0.0	1.0			
312	310	310	0.721	0.0	1.0	38.5	33.5	−37.1	50.0	312	0.708	0.0	1.0	38.2	31.8	−37.8	49.5	310	0.667	0.0	1.0	0.708	0.0	1.0	38.2	31.8	−37.8	49.5	310	0.667	0.0	1.0			
313	311	311	0.727	0.0	1.0	38.6	34.3	−36.6	50.2	313	0.714	0.0	1.0	38.4	32.6	−37.4	49.7	311	0.683	0.0	1.0	0.714	0.0	1.0	38.4	32.6	−37.4	49.7	311	0.683	0.0	1.0			
314	312	312	0.734	0.0	1.0	38.7	35.1	−36.2	50.5	314	0.721	0.0	1.0	38.5	33.5	−37.1	50.0	312	0.7	0.0	1.0	0.721	0.0	1.0	38.5	33.5	−37.1	50.0	312	0.7	0.0	1.0			
315	313	312	0.741	0.0	1.0	38.8	35.9	−35.8	50.7	315	0.727	0.0	1.0	38.6	34.3	−36.6	50.2	313	0.717	0.0	1.0	0.721	0.0	1.0	38.5	33.5	−37.1	50.0	312	0.717	0.0	1.0			
316	314	313	0.747	0.0	1.0	38.9	36.7	−35.3	51.0	316	0.734	0.0	1.0	38.7	35.1	−36.2	50.5	314	0.733	0.0	1.0	0.727	0.0	1.0	38.6	34.3	−36.6	50.2	313	0.733	0.0	1.0			
317	315	314	0.755	0.0	1.0	39.1	37.6	−34.9	51.3	317	0.741	0.0	1.0	38.8	35.9	−35.8	50.7	315	0.75	0.0	1.0	0.734	0.0	1.0	38.7	35.1	−36.2	50.5	314	0.75	0.0	1.0			
318	316	315	0.762	0.0	1.0	39.3	38.5	−34.6	51.8	318	0.747	0.0	1.0	38.9	36.7	−35.3	51.0	316	0.767	0.0	1.0	0.741	0.0	1.0	38.8	35.9	−35.8	50.7	315	0.767	0.0	1.0			
319	317	316	0.77	0.0	1.0	39.4	39.4	−34.2	52.2	319	0.755	0.0	1.0	39.1	37.6	−34.9	51.3	317	0.783	0.0	1.0	0.747	0.0	1.0	38.9	36.7	−35.3	51.0	316	0.783	0.0	1.0			
320	318	317	0.778	0.0	1.0	39.6	40.3	−33.8	52.7	320	0.762	0.0	1.0	39.3	38.5	−34.6	51.8	318	0.8	0.0	1.0	0.755	0.0	1.0	39.1	37.6	−34.9	51.3	317	0.8	0.0	1.0			
321	319	318	0.786	0.0	1.0	39.8	41.3	−33.3	53.1	321	0.77	0.0	1.0	39.4	39.4	−34.2	52.2	319	0.817	0.0	1.0	0.762	0.0	1.0	39.3	38.5	−34.6	51.8	318	0.817	0.0	1.0			
322	320	319	0.794	0.0	1.0	40.0	42.2	−32.9	53.5	322	0.778	0.0	1.0	39.6	40.3	−33.8	52.7	320	0.833	0.0	1.0	0.77	0.0	1.0	39.4	39.4	−34.2	52.2	319	0.833	0.0	1.0			
323	321	320	0.802	0.0	1.0	40.2	43.1	−32.4	54.0	323	0.786	0.0	1.0	39.8	41.3	−33.3	53.1	321	0.85	0.0	1.0	0.778	0.0	1.0	39.6	40.3	−33.8	52.7	320	0.85	0.0	1.0			
324	322	321	0.81	0.0	1.0	40.4	44.0	−31.9	54.4	324	0.794	0.0	1.0	40.0	42.2	−32.9	53.5	322	0.867	0.0	1.0	0.786	0.0	1.0	39.8	41.3	−33.3	53.1	321	0.867	0.0	1.0			
325	323	322	0.817	0.0	1.0	40.6	44.9	−31.4	54.9	325	0.802	0.0	1.0	40.2	43.1	−32.4	54.0	323	0.883	0.0	1.0	0.794	0.0	1.0	40.0	42.2	−32.9	53.5	322	0.883	0.0	1.0			
326	324	323	0.825	0.0	1.0	40.8	45.8	−30.8	55.3	326	0.81	0.0	1.0	40.4	44.0	−31.9	54.4	324	0.9	0.0	1.0	0.802	0.0	1.0	40.2	43.1	−32.4	54.0	323	0.9	0.0	1.0			
327	325	324	0.833	0.0	1.0	41.0	46.7	−30.3	55.7	327	0.817	0.0	1.0	40.6	44.9	−31.4	54.9	325	0.917	0.0	1.0	0.81	0.0	1.0	40.4	44.0	−31.9	54.4	324	0.917	0.0	1.0			
328	326	325	0.841	0.0	1.0	41.1	47.6	−29.7	56.2	328	0.825	0.0	1.0	40.8	45.8	−30.8	55.3	326	0.933	0.0	1.0	0.817	0.0	1.0	40.6	44.9	−31.4	54.9	325	0.933	0.0	1.0			
329	327	326	0.849	0.0	1.0	41.3	48.5	−29.1	56.6	329	0.833	0.0	1.0	41.0	46.7	−30.3	55.7	327	0.95	0.0	1.0	0.825	0.0	1.0	40.8	45.8	−30.8	55.3	326	0.95	0.0	1.0			
330	328	327	0.857	0.0	1.0	41.5	49.4	−28.4	57.1	330	0.841	0.0	1.0	41.1	47.6	−29.7	56.2	328	0.967	0.0	1.0	0.833	0.0	1.0	41.0	46.7	−30.3	55.7	327	0.967	0.0	1.0			
331	329	328	0.864	0.0	1.0	41.7	50.3	−27.8	57.5	331	0.849	0.0	1.0	41.3	48.5	−29.1	56.6	329	0.983	0.0	1.0	0.841	0.0	1.0	41.1	47.6	−29.7	56.2	328	0.983	0.0	1.0			
332	330	329	0.872	0.0	1.0	41.9	51.2	−27.1	57.9	332	0.857	0.0	1.0	41.5	49.4	−28.4	57.1	330	1.0	0.0	1.0 M_s	0.849	0.0	1.0	41.3	48.5	−29.1	56.6	329	1.0	0.0	1.0 M_e			
333	331	330	0.879	0.0	1.0	42.2	52.2	−26.5	58.6	333	0.864	0.0	1.0	41.7	50.3	−27.8	57.5	331	1.0	0.0	0.983	0.857	0.0	1.0	41.5	49.4	−28.4	57.1	330	1.0	0.0	0.983			
334	332	331	0.886	0.0	1.0	42.5	53.4	−25.9	59.4	334	0.872	0.0	1.0	41.9	51.2	−27.1	57.9	332	1.0	0.0	0.967	0.864	0.0	1.0	41.7	50.3	−27.8	57.5	331	1.0	0.0	0.967			
335	333	331	0.893	0.0	1.0	42.9	54.6	−25.3	60.2	335	0.879	0.0	1.0	42.2	52.2	−26.5	58.6	333	1.0	0.0	0.95	0.864	0.0	1.0	41.7	50.3	−27.8	57.5	331	1.0	0.0	0.95			
336	334	332	0.899	0.0	1.0	43.2	55.7	−24.7	61.0	336	0.886	0.0	1.0	42.5	53.4	−25.9	59.4	334	1.0	0.0	0.933	0.872	0.0	1.0	41.9	51.2	−27.1	57.9	332	1.0	0.0	0.933			
337	335	333	0.906	0.0	1.0	43.5	56.9	−24.1	61.8	337	0.893	0.0	1.0	42.9	54.6	−25.3	60.2	335	1.0	0.0	0.917	0.879	0.0	1.0	42.2	52.2	−26.5	58.6	333	1.0	0.0	0.917			
338	336	334	0.913	0.0	1.0	43.9	58.1	−23.4	62.6	338	0.899	0.0	1.0	43.2	55.7	−24.7	61.0	336	1.0	0.0	0.9	0.886	0.0	1.0	42.5	53.4	−25.9	59.4	334	1.0	0.0	0.9			
339	337	335	0.919	0.0	1.0	44.2	59.2	−22.6	63.4	339	0.906	0.0	1.0	43.5	56.9	−24.1	61.8	337	1.0	0.0	0.883	0.893	0.0	1.0	42.9	54.6	−25.3	60.2	335	1.0	0.0	0.883			
340	338	336	0.926	0.0	1.0	44.5	60.4	−21.9	64.2	340	0.913	0.0	1.0	43.9	58.1	−23.4	62.6	338	1.0	0.0	0.867	0.899	0.0	1.0	43.2	55.7	−24.7	61.0	336	1.0	0.0	0.867			
341	339	337	0.933	0.0	1.0	44.9	61.5	−21.1	65.0	341	0.919	0.0	1.0	44.2	59.2	−22.6	63.4	339	1.0	0.0	0.85	0.906	0.0	1.0	43.5	56.9	−24.1	61.8	337	1.0	0.0	0.85			
342	340	338	0.94	0.0	1.0	45.2	62.6	−20.2	65.8	342	0.926	0.0	1.0	44.5	60.4	−21.9	64.2	340	1.0	0.0	0.833	0.913	0.0	1.0	43.9	58.1	−23.4	62.6	338	1.0	0.0	0.833			
343	341	339	0.946	0.0	1.0	45.5	63.7	−19.4	66.6	343	0.933	0.0	1.0	44.9	61.5	−21.1	65.0	341	1.0	0.0	0.817	0.919	0.0	1.0	44.2	59.2	−22.6	63.4	339	1.0	0.0	0.817			
344	342	340	0.953	0.0	1.0	45.9	64.8	−18.5	67.4	344	0.94	0.0	1.0	45.2	62.6	−20.2	65.8	342	1.0	0.0	0.8	0.926	0.0	1.0	44.5	60.4	−21.9	64.2	340	1.0	0.0	0.8			
345	343	341	0.96	0.0	1.0	46.2	65.9	−17.6	68.2	345	0.946	0.0	1.0	45.5	63.7	−19.4	66.6	343	1.0	0.0	0.783	0.933	0.0	1.0	44.9	61.5	−21.1	65.0	341	1.0	0.0	0.783			
346	344	342	0.966	0.0	1.0	46.5	67.0	−16.6	69.0	346	0.953	0.0	1.0	45.9	64.8	−18.5	67.4	344	1.0	0.0	0.767	0.94	0.0	1.0	45.2	62.6	−20.2	65.8	342	1.0	0.0	0.767			
347	345	343	0.973	0.0	1.0	46.9	68.1	−15.6	69.8	347	0.96	0.0	1.0	46.2	65.9	−17.6	68.2	345	1.0	0.0	0.75	0.946	0.0	1.0	45.5	63.7	−19.4	66.6	343	1.0	0.0	0.75			

Daten der Maximalfarbe M im Farbmetrik-Sytem Laserdrucker HRS18_96; ohne Separation, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *s:* $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *d:* $h_{ab,d}$ = 32.9, 100.4, 144.1, 206.8, 264.8, 351.1; Sechs Bunttonwinkel der Elementarfarben *e:* $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361Mi			*LAB**dd361Mix (x=LabCh)					*rgb**ds361Mi			*LAB**ds361Mix (x=LabCh)					*rgb**s50M			*rgb**de361Mi			*LAB**de361Mix (x=LabCh)					*rgb**e50M			*rgb**dd	*rgb**ds	*rgb**de
347	345	343	0.973	0.0	1.0	46.9	68.1	−15.6	69.8	347	0.96	0.0	1.0	46.2	65.9	−17.6	68.2	345	1.0	0.0	0.75	0.946	0.0	1.0	45.5	63.7	−19.4	66.6	343	1.0	0.0	0.75			
348	346	344	0.98	0.0	1.0	47.2	69.1	−14.6	70.6	348	0.966	0.0	1.0	46.5	67.0	−16.6	69.0	346	1.0	0.0	0.733	0.953	0.0	1.0	45.9	64.8	−18.5	67.4	344	1.0	0.0	0.733			
349	347	345	0.986	0.0	1.0	47.6	70.1	−13.5	71.5	349	0.973	0.0	1.0	46.9	68.1	−15.6	69.8	347	1.0	0.0	0.717	0.96	0.0	1.0	46.2	65.9	−17.6	68.2	345	1.0	0.0	0.717			
350	348	346	0.993	0.0	1.0	47.9	71.2	−12.4	72.3	350	0.98	0.0	1.0	47.2	69.1	−14.6	70.6	348	1.0	0.0	0.7	0.966	0.0	1.0	46.5	67.0	−16.6	69.0	346	1.0	0.0	0.7			
351	349	347	1.0	0.0	1.0	48.2	72.2	−11.3	73.1	351 M_d	0.986	0.0	1.0	47.6	70.1	−13.5	71.5	349	1.0	0.0	0.683	0.973	0.0	1.0	46.9	68.1	−15.6	69.8	347	1.0	0.0	0.683			
352	350	348	1.0	0.0	0.969	48.2	73.1	−10.2	73.8	352	0.993	0.0	1.0	47.9	71.2	−12.4	72.3	350	1.0	0.0	0.667	0.98	0.0	1.0	47.2	69.1	−14.6	70.6	348	1.0	0.0	0.667			
353	351	349	1.0	0.0	0.937	48.2	73.9	−9.0	74.5	353	1.0	0.0	1.0	48.2	72.2	−11.3	73.1	351	1.0	0.0	0.65	0.986	0.0	1.0	47.6	70.1	−13.5	71.5	349	1.0	0.0	0.65			
354	352	349	1.0	0.0	0.904	48.2	74.8	−7.8	75.2	354	1.0	0.0	0.969	48.2	73.1	−10.2	73.8	352	1.0	0.0	0.633	0.986	0.0	1.0	47.6	70.1	−13.5	71.5	349	1.0	0.0	0.633			
355	353	350	1.0	0.0	0.872	48.2	75.5	−6.5	75.8	355	1.0	0.0	0.937	48.2	73.9	−9.0	74.5	353	1.0	0.0	0.617	0.993	0.0	1.0	47.9	71.2	−12.4	72.3	350	1.0	0.0	0.617			
356	354	351	1.0	0.0	0.845	48.2	75.2	−5.2	75.4	356	1.0	0.0	0.904	48.2	74.8	−7.8	75.2	354	1.0	0.0	0.6	1.0	0.0	1.0	48.2	72.2	−11.3	73.1	351	1.0	0.0	0.6			
357	355	352	1.0	0.0	0.818	48.1	74.8	−3.8	74.9	357	1.0	0.0	0.872	48.2	75.5	−6.5	75.8	355	1.0	0.0	0.583	1.0	0.0	0.969	48.2	73.1	−10.2	73.8	352	1.0	0.0	0.583			
358	356	353	1.0	0.0	0.792	48.0	74.4	−2.5	74.5	358	1.0	0.0	0.845	48.2	75.2	−5.2	75.4	356	1.0	0.0	0.567	1.0	0.0	0.937	48.2	73.9	−9.0	74.5	353	1.0	0.0	0.567			
359	357	354	1.0	0.0	0.765	47.9	74.0	−1.2	74.0	359	1.0	0.0	0.818	48.1	74.8	−3.8	74.9	357	1.0	0.0	0.55	1.0	0.0	0.904	48.2	74.8	−7.8	75.2	354	1.0	0.0	0.55			
0	358	355	1.0	0.0	0.741	47.9	73.6	0.0	73.6	0	1.0	0.0	0.792	48.0	74.4	−2.5	74.5	358	1.0	0.0	0.533	1.0	0.0	0.872	48.2	75.5	−6.5	75.8	355	1.0	0.0	0.533			
1	359	356	1.0	0.0	0.721	47.9	73.3	1.3	73.3	1	1.0	0.0	0.765	47.9	74.0	−1.2	74.0	359	1.0	0.0	0.517	1.0	0.0	0.845	48.2	75.2	−5.2	75.4	356	1.0	0.0	0.517			
2	360	357	1.0	0.0	0.701	48.0	72.9	2.5	72.9	2	1.0	0.0	0.741	47.9	73.6	0.0	73.6	0	1.0	0.0	0.5	1.0	0.0	0.818	48.1	74.8	−3.8	74.9	357	1.0	0.0	0.5			
3	361	358	1.0	0.0	0.681	48.0	72.4	3.8	72.5	3	1.0	0.0	0.721	47.9	73.3	1.3	73.3	1	1.0	0.0	0.483	1.0	0.0	0.792	48.0	74.4	−2.5	74.5	358	1.0	0.0	0.483			
4	362	359	1.0	0.0	0.66	48.0	72.0	5.0	72.2	4	1.0	0.0	0.701	48.0	72.9	2.5	72.9	2	1.0	0.0	0.467	1.0	0.0	0.765	47.9	74.0	−1.2	74.0	359	1.0	0.0	0.467			
5	363	360	1.0	0.0	0.64	48.0	71.6	6.3	71.8	5	1.0	0.0	0.681	48.0	72.4	3.8	72.5	3	1.0	0.0	0.45	1.0	0.0	0.741	47.9	73.6	0.0	73.6	0	1.0	0.0	0.45			
6	364	361	1.0	0.0	0.619	48.1	71.1	7.5	71.5	6	1.0	0.0	0.66	48.0	72.0	5.0	72.2	4	1.0	0.0	0.433	1.0	0.0	0.721	47.9	73.3	1.3	73.3	1	1.0	0.0	0.433			
7	365	362	1.0	0.0	0.593	48.1	70.8	8.7	71.3	7	1.0	0.0	0.64	48.0	71.6	6.3	71.8	5	1.0	0.0	0.417	1.0	0.0	0.701	48.0	72.9	2.5	72.9	2	1.0	0.0	0.417			
8	366	363	1.0	0.0	0.566	48.2	70.4	9.9	71.1	8	1.0	0.0	0.619	48.1	71.1	7.5	71.5	6	1.0	0.0	0.4	1.0	0.0	0.681	48.0	72.4	3.8	72.5	3	1.0	0.0	0.4			
9	367	364	1.0	0.0	0.54	48.2	70.1	11.1	70.9	9	1.0	0.0	0.593	48.1	70.8	8.7	71.3	7	1.0	0.0	0.383	1.0	0.0	0.66	48.0	72.0	5.0	72.2	4	1.0	0.0	0.383			
10	368	365	1.0	0.0	0.514	48.2	69.7	12.3	70.7	10	1.0	0.0	0.566	48.2	70.4	9.9	71.1	8	1.0	0.0	0.367	1.0	0.0	0.64	48.0	71.6	6.3	71.8	5	1.0	0.0	0.367			
11	369	366	1.0	0.0	0.49	48.2	69.3	13.5	70.6	11	1.0	0.0	0.54	48.2	70.1	11.1	70.9	9	1.0	0.0	0.35	1.0	0.0	0.619	48.1	71.1	7.5	71.5	6	1.0	0.0	0.35			
12	370	367	1.0	0.0	0.47	48.2	69.0	14.7	70.6	12	1.0	0.0	0.514	48.2	69.7	12.3	70.7	10	1.0	0.0	0.333	1.0	0.0	0.593	48.1	70.8	8.7	71.3	7	1.0	0.0	0.333			
13	371	367	1.0	0.0	0.449	48.1	68.7	15.9	70.5	13	1.0	0.0	0.49	48.2	69.3	13.5	70.6	11	1.0	0.0	0.317	1.0	0.0	0.593	48.1	70.8	8.7	71.3	7	1.0	0.0	0.317			
14	372	368	1.0	0.0	0.428	48.1	68.4	17.0	70.5	14	1.0	0.0	0.47	48.2	69.0	14.7	70.6	12	1.0	0.0	0.3	1.0	0.0	0.566	48.2	70.4	9.9	71.1	8	1.0	0.0	0.3			
15	373	369	1.0	0.0	0.407	48.0	68.0	18.2	70.4	15	1.0	0.0	0.449	48.1	68.7	15.9	70.5	13	1.0	0.0	0.283	1.0	0.0	0.54	48.2	70.1	11.1	70.9	9	1.0	0.0	0.283			
16	374	370	1.0	0.0	0.387	48.0	67.6	19.4	70.4	16	1.0	0.0	0.428	48.1	68.4	17.0	70.5	14	1.0	0.0	0.267	1.0	0.0	0.514	48.2	69.7	12.3	70.7	10	1.0	0.0	0.267			
17	375	371	1.0	0.0	0.367	48.0	67.3	20.6	70.4	17	1.0	0.0	0.407	48.0	68.0	18.2	70.4	15	1.0	0.0	0.25	1.0	0.0	0.49	48.2	69.3	13.5	70.6	11	1.0	0.0	0.25			
18	376	372	1.0	0.0	0.349	48.0	67.1	21.8	70.6	18	1.0	0.0	0.387	48.0	67.6	19.4	70.4	16	1.0	0.0	0.233	1.0	0.0	0.47	48.2	69.0	14.7	70.6	12	1.0	0.0	0.233			
19	377	373	1.0	0.0	0.331	48.0	66.9	23.0	70.7	19	1.0	0.0	0.367	48.0	67.3	20.6	70.4	17	1.0	0.0	0.217	1.0	0.0	0.449	48.1	68.7	15.9	70.5	13	1.0	0.0	0.217			
20	378	374	1.0	0.0	0.313	48.1	66.6	24.3	70.9	20	1.0	0.0	0.349	48.0	67.1	21.8	70.6	18	1.0	0.0	0.2	1.0	0.0	0.428	48.1	68.4	17.0	70.5	14	1.0	0.0	0.2			
21	379	375	1.0	0.0	0.294	48.1	66.4	25.5	71.1	21	1.0	0.0	0.331	48.0	66.9	23.0	70.7	19	1.0	0.0	0.183	1.0	0.0	0.407	48.0	68.0	18.2	70.4	15	1.0	0.0	0.183			
22	380	376	1.0	0.0	0.276	48.1	66.1	26.7	71.3	22	1.0	0.0	0.313	48.1	66.6	24.3	70.9	20	1.0	0.0	0.167	1.0	0.0	0.387	48.0	67.6	19.4	70.4	16	1.0	0.0	0.167			
23	381	377	1.0	0.0	0.258	48.1	65.8	27.9	71.4	23	1.0	0.0	0.294	48.1	66.4	25.5	71.1	21	1.0	0.0	0.15	1.0	0.0	0.367	48.0	67.3	20.6	70.4	17	1.0	0.0	0.15			
24	382	378	1.0	0.0	0.239	48.2	65.6	29.2	71.8	24	1.0	0.0	0.276	48.1	66.1	26.7	71.3	22	1.0	0.0	0.133	1.0	0.0	0.349	48.0	67.1	21.8	70.6	18	1.0	0.0	0.133			
25	383	379	1.0	0.0	0.218	48.2	65.5	30.6	72.3	25	1.0	0.0	0.258	48.1	65.8	27.9	71.4	23	1.0	0.0	0.117	1.0	0.0	0.331	48.0	66.9	23.0	70.7	19	1.0	0.0	0.117			
26	384	380	1.0	0.0	0.197	48.2	65.4	31.9	72.8	26	1.0	0.0	0.239	48.2	65.6	29.2	71.8	24	1.0	0.0	0.1	1.0	0.0	0.313	48.1	66.6	24.3	70.9	20	1.0	0.0	0.1			
27	385	381	1.0	0.0	0.177	48.3	65.3	33.3	73.3	27	1.0	0.0	0.218	48.2	65.5	30.6	72.3	25	1.0	0.0	0.083	1.0	0.0	0.294	48.1	66.4	25.5	71.1	21	1.0	0.0	0.083			
28	386	382	1.0	0.0	0.156	48.3	65.2	34.6	73.8	28	1.0	0.0	0.197	48.2	65.4	31.9	72.8	26	1.0	0.0	0.067	1.0	0.0	0.276	48.1	66.1	26.7	71.3	22	1.0	0.0	0.067			
29	387	383	1.0	0.0	0.135	48.3	65.0	36.0	74.3	29	1.0	0.0	0.177	48.3	65.3	33.3	73.3	27	1.0	0.0	0.05	1.0	0.0	0.258	48.1	65.8	27.9	71.4	23	1.0	0.0	0.05			
30	388	384	1.0	0.0	0.107	48.3	64.8	37.4	74.9	30	1.0	0.0	0.156	48.3	65.2	34.6	73.8	28	1.0	0.0	0.033	1.0	0.0	0.239	48.2	65.6	29.2	71.8	24	1.0	0.0	0.033			
31	389	385	1.0	0.0	0.071	48.3	64.8	38.9	75.6	31	1.0	0.0	0.135	48.3	65.0	36.0	74.3	29	1.0	0.0	0.017	1.0	0.0	0.218	48.2	65.5	30.6	72.3	25	1.0	0.0	0.017			
32	390	385	1.0	0.0	0.034	48.2	64.7	40.4	76.2	32 R_d	1.0	0.0	0.107	48.3	64.8	37.4	74.9	30	1.0	0.0	0.0 R_s	1.0	0.0	0.218	48.2	65.5	30.6	72.3	25	1.0	0.0	0.0 R_e			

Daten der Maximalfarbe M im Farbmetrik-Sytem Laserdrucker HRS18_96; ohne Separation, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *s:* $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *d:* $h_{ab,d}$ = 33.3, 96.7, 144.4, 208.3, 256.5, 354.0; Sechs Bunttonwinkel der Elementarfarben *e:* $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

***Geräte*-CIELAB (a^*_d, b^*_d)-Diagramm**



Y=J_d Gelb
LCH^*_d = 93.9 93.2 96.7
LAB^*_d = 93.9 −10.9 92.6
rgb^*_d = 1.0 1.0 0.0

O=R_d Orangerot
LCH^*_d = 50.2 81.4 33.3
LAB^*_d = 50.2 68.0 44.7
rgb^*_d = 1.0 0.0 0.0

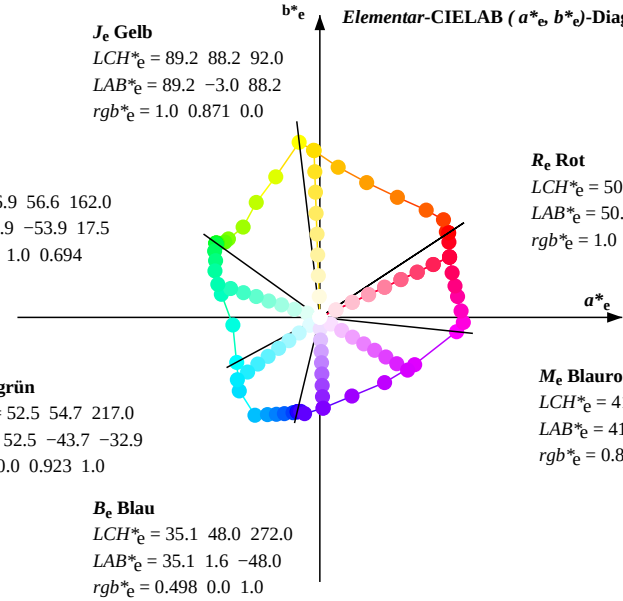
L=G_d Laubgrün
LCH^*_d = 59.0 67.6 144.3
LAB^*_d = 59.0 −54.9 39.3
rgb^*_d = 0.0 1.0 0.0

C=C_d Cyanblau
LCH^*_d = 55.0 50.0 208.3
LAB^*_d = 55.0 −44.0 −23.7
rgb^*_d = 0.0 1.0 1.0

M=M_d Magentarot
LCH^*_d = 49.9 72.6 354.0
LAB^*_d = 49.9 72.2 −7.5
rgb^*_d = 1.0 0.0 1.0

V=B_d Violettblau (sehr ähnlich Elementar-Blau)
LCH^*_d = 38.5 51.3 256.5
LAB^*_d = 38.5 −11.9 −49.9
rgb^*_d = 0.0 0.0 1.0

***Elementar*-CIELAB (a^*_e, b^*_e)-Diagramm**



J_e Gelb
LCH^*_e = 89.2 88.2 92.0
LAB^*_e = 89.2 −3.0 88.2
rgb^*_e = 1.0 0.871 0.0

G_e Grün
LCH^*_e = 56.9 56.6 162.0
LAB^*_e = 56.9 −53.9 17.5
rgb^*_e = 0.0 1.0 0.694

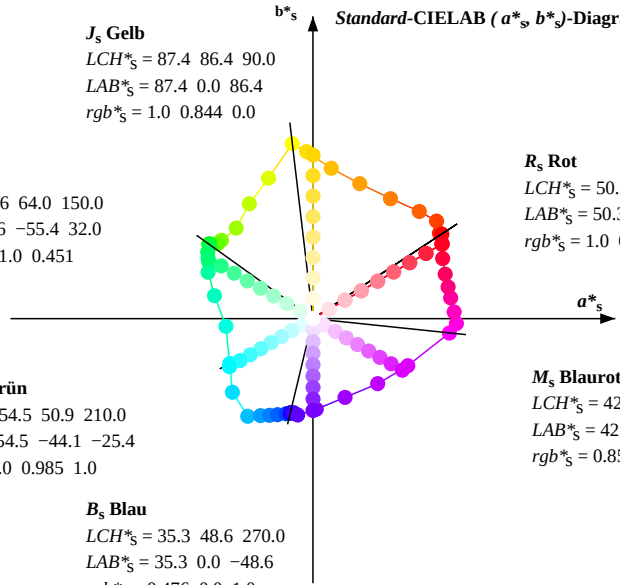
R_e Rot
LCH^*_e = 50.1 75.7 25.0
LAB^*_e = 50.1 68.6 32.0
rgb^*_e = 1.0 0.0 0.246

C_e Blaugrün
LCH^*_e = 52.5 54.7 217.0
LAB^*_e = 52.5 −43.7 −32.9
rgb^*_e = 0.0 0.923 1.0

M_e Blaurot
LCH^*_e = 41.8 54.1 329.0
LAB^*_e = 41.8 46.4 −27.9
rgb^*_e = 0.844 0.0 1.0

B_e Blau
LCH^*_e = 35.1 48.0 272.0
LAB^*_e = 35.1 1.6 −48.0
rgb^*_e = 0.498 0.0 1.0

***Standard*-CIELAB (a^*_s, b^*_s)-Diagramm**



J_s Gelb
LCH^*_s = 87.4 86.4 90.0
LAB^*_s = 87.4 0.0 86.4
rgb^*_s = 1.0 0.844 0.0

G_s Grün
LCH^*_s = 57.6 64.0 150.0
LAB^*_s = 57.6 −55.4 32.0
rgb^*_s = 0.0 1.0 0.451

R_s Rot
LCH^*_s = 50.3 78.8 30.0
LAB^*_s = 50.3 68.3 39.4
rgb^*_s = 1.0 0.0 0.13

C_s Blaugrün
LCH^*_s = 54.5 50.9 210.0
LAB^*_s = 54.5 −44.1 −25.4
rgb^*_s = 0.0 0.985 1.0

M_s Blaurot
LCH^*_s = 42.0 54.5 330.0
LAB^*_s = 42.0 47.2 −27.2
rgb^*_s = 0.851 0.0 1.0

B_s Blau
LCH^*_s = 35.3 48.6 270.0
LAB^*_s = 35.3 0.0 −48.6
rgb^*_s = 0.476 0.0 1.0

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

1. Für die rgb^*_d-Eingabedaten wurden die CIELAB−Daten LCH^*_d und LAB^*_d gemessen.

$h_{ab,s}$ rgb^*_d

$$h_{ab,s} = atan\,[\,r^*_d\cos(30) + g^*_d\cos(150)\,]\,/\,[\,r^*_d\sin(30) + g^*_d\sin(150) + b^*_d\sin(270)\,] \quad (1)$$

3. Für die 48 oder 360 gleichabständig gestuften Standard-Bunttonwinkel $h_{ab,s}$ der Farben von maximaler Buntheit benutze die sieben Bunttonwinkel der 60Grad-Farben *s:* $h_{ab,si}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0 (i=0,6) und die Gleichungen für einen 48- und 360-stufigen Bunttonkreis:

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

$$h_{360ab,sij} = h_{ab,si} + j\,[h_{ab,si+1} - h_{ab,si}\,]\,/60\ (\,i = 0, 1, ..., 5;\ j = 0, 1, ..., 59) \quad (3)$$

4. Für die 48 oder 360 Elementar-Bunttonwinkel $h_{ab,e}$ der Farben von maximaler Buntheit benutze die sieben Bunttonwinkel der Elementar-Farben *e:* $h_{ab,ei}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5 (i=0,6) und die Gleichungen für einen 48- und 360-stufigen Elementar-Bunttonkreis:

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

$$h_{360ab,eij} = h_{ab,ei} + j\,[h_{ab,ei+1} - h_{ab,ei}\,]\,/60\ (\,i = 0, 1, ..., 5;\ j = 0, 1, ..., 59) \quad (5)$$

5. Für jeden Elementar-Bunttonwinkel $h_{ab,e}$ gibt es einem genau definierten Geräte-Bunttonwinkel $h_{ab,d}$ siehe die folgenden Tabellen, Spalten 1 bis 3.

6. Die Werte rgb^*_{de} erzeugen die Ausgabe der geräteunabhängigen Elemetar-Bunttöne

Daten der Maximalfarbe M im Farbmetrik-Sytem Laserdrucker HRS18_96; ohne Separation, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *s*: $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *d*: $h_{ab,d}$ = 33.3, 96.7, 144.4, 208.3, 256.5, 354.0; Sechs Bunttonwinkel der Elementarfarben *e*: $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd50M			*LAB**dd50Mx (x=LabCh)					*rgb**ds50M			*LAB**ds50Mx (x=LabCh)					*rgb**s50M			*rgb**de50M			*LAB**de50Mx (x=LabCh)					*rgb**e50M			*rgb**dd	*rgb**ds	*rgb**de
33.3	30.0	25.5	1.0	0.0	0.0	50.2	68.1	44.7	81.5	33.3	1.0	0.0	0.13	50.3	68.3	39.4	78.9	30	1.0	0.0	0.0	1.0	0.0	0.246	50.1	68.7	32.0	75.8	25	1.0	0.0	0.0			
34.1	37.5	33.8	1.0	0.125	0.0	50.9	66.9	45.3	80.8	34.1	1.0	0.242	0.0	51.8	65.5	51.2	83.2	38	1.0	0.125	0.0	1.0	0.113	0.0	50.8	67.1	45.2	80.9	34	1.0	0.125	0.0			
38.3	45.0	42.2	1.0	0.25	0.0	51.8	65.4	51.6	83.3	38.3	1.0	0.371	0.0	56.4	56.6	56.6	80.1	45	1.0	0.25	0.0	1.0	0.317	0.0	54.4	60.6	54.5	81.5	42	1.0	0.25	0.0			
45.2	52.5	50.5	1.0	0.375	0.0	56.5	56.3	56.7	79.9	45.2	1.0	0.457	0.0	61.7	46.4	61.6	77.2	53	1.0	0.375	0.0	1.0	0.436	0.0	60.3	49.0	60.5	77.9	51	1.0	0.375	0.0			
57.1	60.0	58.9	1.0	0.5	0.0	64.4	41.1	63.6	75.7	57.1	1.0	0.526	0.0	66.2	37.8	65.5	75.7	60	1.0	0.5	0.0	1.0	0.517	0.0	65.6	39.0	64.9	75.7	59	1.0	0.5	0.0			
70.9	67.5	67.2	1.0	0.625	0.0	73.1	24.8	71.4	75.6	70.9	1.0	0.599	0.0	71.3	28.3	70.1	75.6	68	1.0	0.625	0.0	1.0	0.59	0.0	70.6	29.5	69.6	75.6	67	1.0	0.625	0.0			
83.0	75.0	75.6	1.0	0.75	0.0	81.5	9.7	79.5	80.1	83.0	1.0	0.667	0.0	75.9	20.0	74.5	77.1	75	1.0	0.75	0.0	1.0	0.678	0.0	76.6	18.7	75.2	77.5	76	1.0	0.75	0.0			
92.2	82.5	84.0	1.0	0.875	0.0	89.4	−3.3	88.4	88.5	92.2	1.0	0.75	0.0	81.5	9.8	79.5	80.1	83	1.0	0.875	0.0	1.0	0.763	0.0	82.3	8.5	80.6	81.0	84	1.0	0.875	0.0			
96.7	90.0	92.3	1.0	1.0	0.0	94.0	−10.8	92.6	93.3	96.7	1.0	0.845	0.0	87.5	0.0	86.5	86.5	90	1.0	1.0	0.0	1.0	0.872	0.0	89.2	−3.0	88.2	88.3	92	1.0	1.0	0.0			
107.5	97.5	101.1	0.875	1.0	0.0	82.5	−23.3	74.4	78.0	107.5	0.985	1.0	0.0	92.6	−12.6	90.6	91.5	98	0.875	1.0	0.0	0.95	1.0	0.0	89.4	−16.5	85.6	87.2	101	0.875	1.0	0.0			
118.9	105.0	109.8	0.75	1.0	0.0	73.8	−33.5	60.8	69.5	118.9	0.904	1.0	0.0	85.1	−21.0	78.7	81.5	105	0.75	1.0	0.0	0.847	1.0	0.0	80.6	−25.9	71.5	76.1	110	0.75	1.0	0.0			
130.4	112.5	118.5	0.625	1.0	0.0	66.8	−40.5	47.8	62.7	130.4	0.815	1.0	0.0	78.3	−28.8	68.0	73.9	113	0.625	1.0	0.0	0.749	1.0	0.0	73.8	−33.6	60.7	69.4	119	0.625	1.0	0.0			
139.4	120.0	127.3	0.5	1.0	0.0	61.5	−48.2	41.4	63.6	139.4	0.738	1.0	0.0	73.2	−34.3	59.6	68.8	120	0.5	1.0	0.0	0.662	1.0	0.0	68.9	−38.8	51.7	64.7	127	0.5	1.0	0.0			
141.6	127.5	136.0	0.375	1.0	0.0	60.6	−50.2	39.8	64.1	141.6	0.651	1.0	0.0	68.3	−39.4	50.5	64.1	128	0.375	1.0	0.0	0.547	1.0	0.0	63.5	−45.4	44.0	63.3	136	0.375	1.0	0.0			
144.0	135.0	144.7	0.25	1.0	0.0	59.4	−54.0	39.3	66.9	144.0	0.561	1.0	0.0	64.1	−44.6	44.7	63.2	135	0.25	1.0	0.0	0.0	1.0	0.256	59.0	−54.6	38.3	66.8	145	0.25	1.0	0.0			
144.4	142.5	153.5	0.125	1.0	0.0	59.0	−54.9	39.4	67.6	144.4	0.301	1.0	0.0	59.9	−52.4	39.6	65.8	143	0.125	1.0	0.0	0.0	1.0	0.542	57.3	−55.3	28.2	62.1	153	0.125	1.0	0.0			
144.4	150.0	162.2	0.0	1.0	0.0	59.0	−54.9	39.4	67.6	144.4	0.0	1.0	0.452	57.7	−55.4	32.0	64.0	150	0.0	1.0	0.0	0.0	1.0	0.694	57.0	−53.8	17.5	56.7	162	0.0	1.0	0.0			
144.4	157.5	169.1	0.0	1.0	0.125	59.0	−54.9	39.4	67.6	144.4	0.0	1.0	0.648	56.8	−54.9	22.2	59.4	158	0.0	1.0	0.125	0.0	1.0	0.765	57.4	−51.5	10.0	52.6	169	0.0	1.0	0.125			
144.9	165.0	175.9	0.0	1.0	0.25	59.0	−54.6	38.5	66.8	144.9	0.0	1.0	0.729	57.1	−52.7	14.2	54.7	165	0.0	1.0	0.25	0.0	1.0	0.813	58.0	−49.6	3.5	49.8	176	0.0	1.0	0.25			
147.7	172.5	182.8	0.0	1.0	0.375	57.9	−55.6	35.2	65.9	147.7	0.0	1.0	0.793	57.7	−50.5	6.2	51.0	173	0.0	1.0	0.375	0.0	1.0	0.861	58.6	−46.9	−2.4	47.0	183	0.0	1.0	0.375			
151.4	180.0	189.6	0.0	1.0	0.5	57.5	−55.1	30.1	62.9	151.4	0.0	1.0	0.841	58.3	−48.1	0.0	48.2	180	0.0	1.0	0.5	0.0	1.0	0.902	58.0	−46.2	−8.1	47.0	190	0.0	1.0	0.5			
156.1	187.5	196.4	0.0	1.0	0.625	56.8	−55.3	24.6	60.7	156.1	0.0	1.0	0.891	58.3	−46.2	−6.4	46.7	188	0.0	1.0	0.625	0.0	1.0	0.934	57.0	−46.1	−13.1	48.0	196	0.0	1.0	0.625			
166.8	195.0	203.3	0.0	1.0	0.75	57.2	−52.0	12.2	53.5	166.8	0.0	1.0	0.929	57.2	−46.1	−12.3	47.9	195	0.0	1.0	0.75	0.0	1.0	0.971	55.9	−45.2	−19.1	49.2	203	0.0	1.0	0.75			
185.0	202.5	210.1	0.0	1.0	0.875	58.8	−45.9	−4.0	46.2	185.0	0.0	1.0	0.971	55.9	−45.2	−19.1	49.2	203	0.0	1.0	0.875	0.0	0.985	1.0	54.6	−41.[illegible]	−25.4	51.[illegible]	210	0.0	1.0	0.875			
208.3	210.0	217.0	0.0	1.0	1.0	55.1	−44.0	−23.6	50.1	208.3	0.0	0.985	1.0	54.6	−44.0	−25.4	51.0	210	0.0	1.0	1.0	0.0	0.923	1.0	[illegible]	−43.6	−32.8	54.7	217	0.0	1.0	1.0			
222.4	217.5	223.8	0.0	0.875	1.0	50.9	−42.4	−38.8	57.6	222.4	0.0	0.914	1.0	52.2	−43.4	−33.9	55.3	218	0.0	0.875	1.0	0.0	0.861	1.0	50.8	−41.[illegible]	−40.3	58.1	224	0.0	0.875	1.0			
236.4	225.0	230.7	0.0	0.75	1.0	49.6	−34.3	−51.6	62.1	236.4	0.0	0.852	1.0	50.7	−41.2	−41.2	58.5	225	0.0	0.75	1.0	0.0	0.79[illegible]	1.0	50.1	37.9	−46.8	60.4	231	0.0	0.75	1.0			
241.6	232.5	237.5	0.0	0.625	1.0	46.5	−27.7	−51.3	58.4	241.6	0.0	0.78	1.0	49.9	−36.6	−48.6	61.0	233	0.0	0.625	1.0	0.0	0.72[illegible]	1.0	[illegible]6	−32.2	−51.6	61.0	238	0.0	0.625	1.0			
245.8	240.0	244.4	0.0	0.5	1.0	43.9	−22.9	−51.1	56.1	245.8	0.0	0.664	1.0	47.5	−29.7	−51.5	59.6	240	0.0	0.5	1.0	0.0	0.554	1.0	45.1	−24.9	−51.2	57.1	244	0.0	0.5	1.0			
249.8	247.5	251.2	0.0	0.375	1.0	41.6	−18.6	−50.7	54.2	249.8	0.0	0.432	1.0	42.7	−20.5	−50.9	55.1	248	0.0	0.375	1.0	0.0	0.3[illegible]	1.0	41.1	−17.4	−50.7	53.7	251	0.0	0.375	1.0			
254.2	255.0	258.0	0.0	0.25	1.0	39.8	−14.2	−50.3	52.3	254.2	0.0	0.207	1.0	39.4	−13.4	−50.1	52.0	255	0.0	0.25	1.0	0.213	0.0	1.0	37.7	−10.5	−49.7	50.9	258	0.0	0.25	1.0			
256.5	262.5	264.9	0.0	0.125	1.0	38.5	−11.9	−49.8	51.3	256.5	0.397	0.0	1.0	35.8	−6.1	−50.5	51.0	263	0.0	0.125	1.0	0.0	0.0	1.0	35.7	−4.3	−50.0	50.3	265	0.0	0.125	1.0			
256.5	270.0	271.7	0.0	0.0	1.0	38.5	−11.9	−49.8	51.3	256.5	0.476	0.0	1.0	35.3	0.0	−48.6	48.7	270	0.0	0.0	1.0	0.499	0.0	1.0	35.2	1.7	−47.9	48.0	272	0.0	0.0	1.0			
256.8	277.5	278.8	0.125	0.0	1.0	37.9	−11.6	−49.8	51.2	256.8	0.537	0.0	1.0	35.5	6.6	−46.6	47.1	278	0.125	0.0	1.0	0.543	0.0	1.0	35.6	7.3	−46.3	47.0	279	0.125	0.0	1.0			
258.5	285.0	286.0	0.25	0.0	1.0	37.7	−10.0	−49.7	50.8	258.5	0.58	0.0	1.0	35.9	11.9	−44.[illegible]	[illegible]	285	0.[illegible]	0.0	1.0	0.586	0.0	1.0	36.0	12.7	−44.0	45.9	286	0.25	0.0	1.0			
261.0	292.5	293.1	0.375	0.0	1.0	36.0	−8.0	−50.9	51.7	261.0	0.63	0.0	1.0	36.5	17.6	[illegible]	45.1	293	0.[illegible]	0.0	1.0	0.63	0.0	1.0	36.5	17.6	−41.4	45.1	293	0.375	0.0	1.0			
272.1	300.0	300.2	0.5	0.0	1.0	35.2	1.8	−47.9	48.0	272.1	0.668	0.0	1.0	37.3	23.[illegible]	−40.0	46.2	[illegible]	0.5	0.0	1.0	0.668	0.0	1.0	37.3	23.1	−40.0	46.2	300	0.5	0.0	1.0			
292.2	307.5	307.3	0.625	0.0	1.0	36.4	17.0	−41.6	45.0	292.2	0.712	0.0	1.0	38.3	[illegible]	−37.4	47.5	308	0.625	0.0	1.0	0.707	0.0	1.0	38.2	28.5	−37.7	47.4	307	0.625	0.0	1.0			
314.9	315.0	314.4	0.75	0.0	1.0	39.1	34.3	−34.4	48.6	314.9	0.751	0.0	1.0	[illegible]	34.4	[illegible]	48.7	315	[illegible]	0.0	1.0	0.745	0.0	1.0	39.0	33.7	−34.8	48.5	314	0.75	0.0	1.0			
333.5	322.5	321.5	0.875	0.0	1.0	42.7	50.1	−24.9	56.0	333.5	0.804	0.0	1.0	40.7	41.[illegible]	[illegible]	51.8	[illegible]	0.875	0.0	1.0	0.791	0.0	1.0	40.3	39.7	−32.0	51.0	321	0.875	0.0	1.0			
354.0	330.0	328.6	1.0	0.0	1.0	50.0	72.3	−7.4	72.7	354.0	0.85[illegible]	0.0	1.0	42.1	47.3	−27.2	[illegible]	330	1.0	0.0	1.0	0.845	0.0	1.0	41.9	46.4	−27.8	54.2	329	1.0	0.0	1.0			
358.0	337.5	335.7	1.0	0.0	0.875	50.1	76.0	−2.5	76.0	358.0	0.9[illegible]	0.0	1.0	44.[illegible]	55.3	[illegible]	59.6	338	1.0	0.0	0.875	0.89	0.0	1.0	43.6	53.0	−23.5	58.0	336	1.0	0.0	0.875			
362.7	345.0	342.8	1.0	0.0	0.75	49.8	74.7	3.5	74.8	362.7	0.945	0.0	[illegible]	46.8	63.[illegible]	−16.8	65.3	345	1.0	0.0	0.75	0.933	0.0	1.0	46.1	60.9	−18.5	63.7	343	1.0	0.0	0.75			
368.6	352.5	349.9	1.0	0.0	0.625	50.0	72.8	11.1	73.7	368.6	0.994	0.0	1.0	49.6	[illegible]	−8.7	71.8	353	1.0	0.0	0.625	0.975	0.0	1.0	48.5	68.3	−11.9	69.4	350	1.0	0.0	0.625			
373.1	360.0	357.0	1.0	0.0	0.5	50.2	71.5	16.6	73.5	373.1	1.0	0.0	0.822	[illegible]	75.5	0.0	75.5	0	1.0	0.0	0.5	1.0	0.0	0.907	50.1	75.0	−3.8	75.2	357	1.0	0.0	0.5			
378.6	367.5	364.2	1.0	0.0	0.375	49.9	70.0	23.6	73.8	378.6	1.0	0.0	[illegible]	50.0	73.1	10.3	73.8	8	1.0	0.0	0.375	1.0	0.0	0.722	49.9	74.4	5.2	74.6	4	1.0	0.0	0.375			
384.8	375.0	371.3	1.0	0.0	0.25	50.1	68.7	31.8	75.6	384.8	1.0	0.0	0.457	50.1	71.1	19.0	73.6	15	1.0	0.0	0.25	1.0	0.0	0.559	50.1	72.2	14.0	73.6	11	1.0	0.0	0.25			
390.2	382.5	378.4	1.0	0.0	0.125	50.3	68.3	39.8	79.0	390.2	1.0	0.0	0.287	50.1	69.1	29.3	75.1	23	1.0	0.0	0.125	1.0	0.0	0.389	49.9	70.2	22.8	73.8	18	1.0	0.0	0.125			
393.3	390.0	385.5	1.0	0.0	0.0	50.2	68.1	44.7	81.5	393.3	1.0	0.0	0.13	50.3	68.3	39.4	78.9	30	1.0	0.0	0.0	1.0	0.0	0.246	50.1	68.7	32.0	75.8	25	1.0	0.0	0.0			

keine kontinuierliche Bunttonänderung nahe $h_{ab,d}$ = 144,256 oder rgb*$_d$ = 0.125, 1.0, 0.0; 0.0, 1.0, 0.0; 0.0, 0.125, 1.0 plausible Korrektur erfolgt

Daten der Maximalfarbe M im Farbmetrik-Sytem Laserdrucker HRS18_96; ohne Separation, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *s:* $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *d:* $h_{ab,d}$ = 33.3, 96.7, 144.4, 208.3, 256.5, 354.0; Sechs Bunttonwinkel der Elementarfarben *e:* $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361Mi			*LAB**dd361Mix (x=LabCh)						*rgb**ds361Mi			*LAB**ds361Mix (x=LabCh)					*rgb**s50M			*rgb**de361Mi			*LAB**de361Mix (x=LabCh)					*rgb**e50M			*rgb**dd	*rgb**ds	*rgb**de
33	30	25	1.0	0.0	0.013	50.2	68.1	44.2	81.2	33	R_d	1.0	0.0	0.13	50.3	68.3	39.4	78.9	30	1.0	0.0	0.0	R_e	1.0	0.0	0.246	50.1	68.7	32.0	75.8	25	1.0	0.0	0.0	R_e			
34	31	27	1.0	0.113	0.0	50.8	67.1	45.2	80.9	34		1.0	0.0	0.094	50.3	68.3	41.0	79.6	31	1.0	0.017	0.0		1.0	0.0	0.2	50.2	68.6	35.0	77.0	27	1.0	0.017	0.0				
35	32	28	1.0	0.153	0.0	51.1	66.7	46.7	81.4	35		1.0	0.0	0.053	50.3	68.2	42.6	80.4	32	1.0	0.033	0.0		1.0	0.0	0.177	50.2	68.5	36.4	77.6	28	1.0	0.033	0.0				
36	33	29	1.0	0.182	0.0	51.3	66.3	48.2	82.0	36		1.0	0.0	0.013	50.2	68.1	44.2	81.2	33	1.0	0.05	0.0		1.0	0.0	0.154	50.3	68.4	37.9	78.3	29	1.0	0.05	0.0				
37	34	30	1.0	0.212	0.0	51.6	65.9	49.7	82.6	37		1.0	0.113	0.0	50.8	67.1	45.2	80.9	34	1.0	0.067	0.0		1.0	0.0	0.13	50.3	68.3	39.4	78.9	30	1.0	0.067	0.0				
38	35	31	1.0	0.242	0.0	51.8	65.5	51.2	83.2	38		1.0	0.153	0.0	51.1	66.7	46.7	81.4	35	1.0	0.083	0.0		1.0	0.0	0.094	50.3	68.3	41.0	79.6	31	1.0	0.083	0.0				
39	36	32	1.0	0.263	0.0	52.3	64.5	52.2	83.0	39		1.0	0.182	0.0	51.3	66.3	48.2	82.0	36	1.0	0.1	0.0		1.0	0.0	0.053	50.3	68.2	42.6	80.4	32	1.0	0.1	0.0				
40	37	33	1.0	0.281	0.0	53.0	63.2	53.0	82.5	40		1.0	0.212	0.0	51.6	65.9	49.7	82.6	37	1.0	0.117	0.0		1.0	0.0	0.013	50.2	68.1	44.2	81.2	33	1.0	0.117	0.0				
41	38	34	1.0	0.299	0.0	53.7	61.9	53.8	82.0	41		1.0	0.242	0.0	51.8	65.5	51.2	83.2	38	1.0	0.133	0.0		1.0	0.113	0.0	50.8	67.1	45.2	80.9	34	1.0	0.133	0.0				
42	39	36	1.0	0.317	0.0	54.4	60.6	54.5	81.5	42		1.0	0.263	0.0	52.3	64.5	52.2	83.0	39	1.0	0.15	0.0		1.0	0.182	0.0	51.3	66.3	48.2	82.0	36	1.0	0.15	0.0				
43	40	37	1.0	0.335	0.0	55.0	59.3	55.3	81.0	43		1.0	0.281	0.0	53.0	63.2	53.0	82.5	40	1.0	0.167	0.0		1.0	0.212	0.0	51.6	65.9	49.7	82.6	37	1.0	0.167	0.0				
44	41	38	1.0	0.353	0.0	55.7	57.9	55.9	80.5	44		1.0	0.299	0.0	53.7	61.9	53.8	82.0	41	1.0	0.183	0.0		1.0	0.242	0.0	51.8	65.5	51.2	83.2	38	1.0	0.183	0.0				
45	42	39	1.0	0.371	0.0	56.4	56.6	56.6	80.1	45		1.0	0.317	0.0	54.4	60.6	54.5	81.5	42	1.0	0.2	0.0		1.0	0.263	0.0	52.3	64.5	52.2	83.0	39	1.0	0.2	0.0				
46	43	40	1.0	0.383	0.0	57.0	55.3	57.3	79.7	46		1.0	0.335	0.0	55.0	59.3	55.3	81.0	43	1.0	0.217	0.0		1.0	0.281	0.0	53.0	63.2	53.0	82.5	40	1.0	0.217	0.0				
47	44	41	1.0	0.394	0.0	57.7	54.1	58.0	79.3	47		1.0	0.353	0.0	55.7	57.9	55.9	80.5	44	1.0	0.233	0.0		1.0	0.299	0.0	53.7	61.9	53.8	82.0	41	1.0	0.233	0.0				
48	45	42	1.0	0.404	0.0	58.4	52.8	58.7	79.0	48		1.0	0.371	0.0	56.4	56.6	56.6	80.1	45	1.0	0.25	0.0		1.0	0.317	0.0	54.4	60.6	54.5	81.5	42	1.0	0.25	0.0				
49	46	43	1.0	0.415	0.0	59.0	51.6	59.3	78.6	49		1.0	0.383	0.0	57.0	55.3	57.3	79.7	46	1.0	0.267	0.0		1.0	0.335	0.0	55.0	59.3	55.3	81.0	43	1.0	0.267	0.0				
50	47	44	1.0	0.425	0.0	59.7	50.3	59.9	78.2	50		1.0	0.394	0.0	57.7	54.1	58.0	79.3	47	1.0	0.283	0.0		1.0	0.353	0.0	55.7	57.9	55.9	80.5	44	1.0	0.283	0.0				
51	48	46	1.0	0.436	0.0	60.3	49.0	60.5	77.9	51		1.0	0.404	0.0	58.4	52.8	58.7	79.0	48	1.0	0.3	0.0		1.0	0.383	0.0	57.0	55.3	57.3	79.7	46	1.0	0.3	0.0				
52	49	47	1.0	0.446	0.0	61.0	47.7	61.1	77.5	52		1.0	0.415	0.0	59.0	51.6	59.3	78.6	49	1.0	0.317	0.0		1.0	0.394	0.0	57.7	54.1	58.0	79.3	47	1.0	0.317	0.0				
53	50	48	1.0	0.457	0.0	61.7	46.4	61.6	77.2	53		1.0	0.425	0.0	59.7	50.3	59.9	78.2	50	1.0	0.333	0.0		1.0	0.404	0.0	58.4	52.8	58.7	79.0	48	1.0	0.333	0.0				
54	51	49	1.0	0.467	0.0	62.3	45.1	62.1	76.8	54		1.0	0.436	0.0	60.3	49.0	60.5	77.9	51	1.0	0.35	0.0		1.0	0.415	0.0	59.0	51.6	59.3	78.6	49	1.0	0.35	0.0				
55	52	50	1.0	0.478	0.0	63.0	43.8	62.6	76.4	55		1.0	0.446	0.0	61.0	47.7	61.1	77.5	52	1.0	0.367	0.0		1.0	0.425	0.0	59.7	50.3	59.9	78.2	50	1.0	0.367	0.0				
56	53	51	1.0	0.488	0.0	63.6	42.5	63.1	76.1	56		1.0	0.457	0.0	61.7	46.4	61.6	77.2	53	1.0	0.383	0.0		1.0	0.436	0.0	60.3	49.0	60.5	77.9	51	1.0	0.383	0.0				
57	54	52	1.0	0.499	0.0	64.3	41.2	63.5	75.7	57		1.0	0.467	0.0	62.3	45.1	62.1	76.8	54	1.0	0.4	0.0		1.0	0.446	0.0	61.0	47.7	61.1	77.5	52	1.0	0.4	0.0				
58	55	53	1.0	0.508	0.0	64.9	40.1	64.2	75.7	58		1.0	0.478	0.0	63.0	43.8	62.6	76.4	55	1.0	0.417	0.0		1.0	0.457	0.0	61.7	46.4	61.6	77.2	53	1.0	0.417	0.0				
59	56	54	1.0	0.517	0.0	65.6	39.0	64.9	75.7	59		1.0	0.488	0.0	63.6	42.5	63.1	76.1	56	1.0	0.433	0.0		1.0	0.467	0.0	62.3	45.1	62.1	76.8	54	1.0	0.433	0.0				
60	57	56	1.0	0.526	0.0	66.2	37.8	65.5	75.7	60		1.0	0.499	0.0	64.3	41.2	63.5	75.7	57	1.0	0.45	0.0		1.0	0.488	0.0	63.6	42.5	63.1	76.1	56	1.0	0.45	0.0				
61	58	57	1.0	0.535	0.0	66.8	36.7	66.2	75.6	61		1.0	0.508	0.0	64.9	40.1	64.2	75.7	58	1.0	0.467	0.0		1.0	0.499	0.0	64.3	41.2	63.5	75.7	57	1.0	0.467	0.0				
62	59	58	1.0	0.544	0.0	67.5	35.5	66.8	75.6	62		1.0	0.517	0.0	65.6	39.0	64.9	75.7	59	1.0	0.483	0.0		1.0	0.508	0.0	64.9	40.1	64.2	75.7	58	1.0	0.483	0.0				
63	60	59	1.0	0.553	0.0	68.1	34.3	67.4	75.6	63		1.0	0.526	0.0	66.2	37.8	65.5	75.7	60	1.0	0.5	0.0		1.0	0.517	0.0	65.6	39.0	64.9	75.7	59	1.0	0.5	0.0				
64	61	60	1.0	0.562	0.0	68.7	33.1	68.0	75.6	64		1.0	0.535	0.0	66.8	36.7	66.2	75.6	61	1.0	0.517	0.0		1.0	0.526	0.0	66.2	37.8	65.5	75.7	60	1.0	0.517	0.0				
65	62	61	1.0	0.572	0.0	69.4	32.0	68.5	75.6	65		1.0	0.544	0.0	67.5	35.5	66.8	75.6	62	1.0	0.533	0.0		1.0	0.535	0.0	66.8	36.7	66.2	75.6	61	1.0	0.533	0.0				
66	63	62	1.0	0.581	0.0	70.0	30.7	69.1	75.6	66		1.0	0.553	0.0	68.1	34.3	67.4	75.6	63	1.0	0.55	0.0		1.0	0.544	0.0	67.5	35.5	66.8	75.6	62	1.0	0.55	0.0				
67	64	63	1.0	0.59	0.0	70.6	29.5	69.6	75.6	67		1.0	0.562	0.0	68.7	33.1	68.0	75.6	64	1.0	0.567	0.0		1.0	0.553	0.0	68.1	34.3	67.4	75.6	63	1.0	0.567	0.0				
68	65	64	1.0	0.599	0.0	71.3	28.3	70.1	75.6	68		1.0	0.572	0.0	69.4	32.0	68.5	75.6	65	1.0	0.583	0.0		1.0	0.562	0.0	68.7	33.1	68.0	75.6	64	1.0	0.583	0.0				
69	66	66	1.0	0.608	0.0	71.9	27.1	70.6	75.6	69		1.0	0.581	0.0	70.0	30.7	69.1	75.6	66	1.0	0.6	0.0		1.0	0.581	0.0	70.0	30.7	69.1	75.6	66	1.0	0.6	0.0				
70	67	67	1.0	0.617	0.0	72.5	25.8	71.0	75.6	70		1.0	0.59	0.0	70.6	29.5	69.6	75.6	67	1.0	0.617	0.0		1.0	0.59	0.0	70.6	29.5	69.6	75.6	67	1.0	0.617	0.0				
71	68	68	1.0	0.626	0.0	73.2	24.6	71.5	75.6	71		1.0	0.599	0.0	71.3	28.3	70.1	75.6	68	1.0	0.633	0.0		1.0	0.599	0.0	71.3	28.3	70.1	75.6	68	1.0	0.633	0.0				
72	69	69	1.0	0.637	0.0	73.8	23.5	72.3	76.0	72		1.0	0.608	0.0	71.9	27.1	70.6	75.6	69	1.0	0.65	0.0		1.0	0.608	0.0	71.9	27.1	70.6	75.6	69	1.0	0.65	0.0				
73	70	70	1.0	0.647	0.0	74.5	22.3	73.0	76.4	73		1.0	0.617	0.0	72.5	25.8	71.0	75.6	70	1.0	0.667	0.0		1.0	0.617	0.0	72.5	25.8	71.0	75.6	70	1.0	0.667	0.0				
74	71	71	1.0	0.657	0.0	75.2	21.1	73.8	76.7	74		1.0	0.626	0.0	73.2	24.6	71.5	75.6	71	1.0	0.683	0.0		1.0	0.626	0.0	73.2	24.6	71.5	75.6	71	1.0	0.683	0.0				
75	72	72	1.0	0.667	0.0	75.9	20.0	74.5	77.1	75		1.0	0.637	0.0	73.8	23.5	72.3	76.0	72	1.0	0.7	0.0		1.0	0.637	0.0	73.8	23.5	72.3	76.0	72	1.0	0.7	0.0				
76	73	73	1.0	0.678	0.0	76.6	18.7	75.2	77.5	76		1.0	0.647	0.0	74.5	22.3	73.0	76.4	73	1.0	0.717	0.0		1.0	0.647	0.0	74.5	22.3	73.0	76.4	73	1.0	0.717	0.0				
77	74	74	1.0	0.688	0.0	77.3	17.5	75.9	77.9	77		1.0	0.657	0.0	75.2	21.1	73.8	76.7	74	1.0	0.733	0.0		1.0	0.657	0.0	75.2	21.1	73.8	76.7	74	1.0	0.733	0.0				
78	75	76	1.0	0.698	0.0	78.0	16.3	76.5	78.2	78		1.0	0.667	0.0	75.9	20.0	74.5	77.1	75	1.0	0.75	0.0		1.0	0.678	0.0	76.6	18.7	75.2	77.5	76	1.0	0.75	0.0				

Daten der Maximalfarbe M im Farbmetrik-Sytem Laserdrucker HRS18_96; ohne Separation, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *s:* $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *d:* $h_{ab,d}$ = 33.3, 96.7, 144.4, 208.3, 256.5, 354.0; Sechs Bunttonwinkel der Elementarfarben *e:* $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361Mi			*LAB**dd361Mix (x=LabCh)					*rgb**ds361Mi			*LAB**ds361Mix (x=LabCh)					*rgb**s50M			*rgb**de361Mi			*LAB**de361Mix (x=LabCh)					*rgb**e50M			*rgb**dd	*rgb**ds	*rgb**de
78	75	76	1.0	0.698	0.0	78.0	16.3	76.5	78.2	78	1.0	0.667	0.0	75.9	20.0	74.5	77.1	75	1.0	0.75	0.0	1.0	0.678	0.0	76.6	18.7	75.2	77.5	76	1.0	0.75	0.0			
79	76	77	1.0	0.709	0.0	78.7	15.0	77.2	78.6	79	1.0	0.678	0.0	76.6	18.7	75.2	77.5	76	1.0	0.767	0.0	1.0	0.688	0.0	77.3	17.5	75.9	77.9	77	1.0	0.767	0.0			
80	77	78	1.0	0.719	0.0	79.4	13.7	77.8	79.0	80	1.0	0.688	0.0	77.3	17.5	75.9	77.9	77	1.0	0.783	0.0	1.0	0.698	0.0	78.0	16.3	76.5	78.2	78	1.0	0.783	0.0			
81	78	79	1.0	0.729	0.0	80.1	12.4	78.4	79.4	81	1.0	0.698	0.0	78.0	16.3	76.5	78.2	78	1.0	0.8	0.0	1.0	0.709	0.0	78.7	15.0	77.2	78.6	79	1.0	0.8	0.0			
82	79	80	1.0	0.739	0.0	80.8	11.1	79.0	79.7	82	1.0	0.709	0.0	78.7	15.0	77.2	78.6	79	1.0	0.817	0.0	1.0	0.719	0.0	79.4	13.7	77.8	79.0	80	1.0	0.817	0.0			
83	80	81	1.0	0.75	0.0	81.5	9.8	79.5	80.1	83	1.0	0.719	0.0	79.4	13.7	77.8	79.0	80	1.0	0.833	0.0	1.0	0.729	0.0	80.1	12.4	78.4	79.4	81	1.0	0.833	0.0			
84	81	82	1.0	0.763	0.0	82.3	8.5	80.6	81.0	84	1.0	0.729	0.0	80.1	12.4	78.4	79.4	81	1.0	0.85	0.0	1.0	0.739	0.0	80.8	11.1	79.0	79.7	82	1.0	0.85	0.0			
85	82	83	1.0	0.777	0.0	83.2	7.1	81.6	81.9	85	1.0	0.739	0.0	80.8	11.1	79.0	79.7	82	1.0	0.867	0.0	1.0	0.75	0.0	81.5	9.8	79.5	80.1	83	1.0	0.867	0.0			
86	83	85	1.0	0.79	0.0	84.1	5.8	82.6	82.8	86	1.0	0.75	0.0	81.5	9.8	79.5	80.1	83	1.0	0.883	0.0	1.0	0.777	0.0	83.2	7.1	81.6	81.9	85	1.0	0.883	0.0			
87	84	86	1.0	0.804	0.0	84.9	4.4	83.6	83.7	87	1.0	0.763	0.0	82.3	8.5	80.6	81.0	84	1.0	0.9	0.0	1.0	0.79	0.0	84.1	5.8	82.6	82.8	86	1.0	0.9	0.0			
88	85	87	1.0	0.818	0.0	85.8	3.0	84.6	84.6	88	1.0	0.777	0.0	83.2	7.1	81.6	81.9	85	1.0	0.917	0.0	1.0	0.804	0.0	84.9	4.4	83.6	83.7	87	1.0	0.917	0.0			
89	86	88	1.0	0.831	0.0	86.6	1.5	85.5	85.5	89	1.0	0.79	0.0	84.1	5.8	82.6	82.8	86	1.0	0.933	0.0	1.0	0.818	0.0	85.8	3.0	84.6	84.6	88	1.0	0.933	0.0			
90	87	89	1.0	0.845	0.0	87.5	0.0	86.5	86.5	90	1.0	0.804	0.0	84.9	4.4	83.6	83.7	87	1.0	0.95	0.0	1.0	0.831	0.0	86.6	1.5	85.5	85.5	89	1.0	0.95	0.0			
91	88	90	1.0	0.858	0.0	88.3	−1.4	87.4	87.4	91	1.0	0.818	0.0	85.8	3.0	84.6	84.6	88	1.0	0.967	0.0	1.0	0.845	0.0	87.5	0.0	86.5	86.5	90	1.0	0.967	0.0			
92	89	91	1.0	0.872	0.0	89.2	−3.0	88.2	88.3	92	1.0	0.831	0.0	86.6	1.5	85.5	85.5	89	1.0	0.983	0.0	1.0	0.858	0.0	88.3	−1.4	87.4	87.4	91	1.0	0.983	0.0			
93	90	92	1.0	0.897	0.0	90.2	−4.6	89.2	89.3	93	1.0	0.845	0.0	87.5	0.0	86.5	86.5	90	1.0	1.0	0.0 J_s	1.0	0.872	0.0	89.2	−3.0	88.2	88.3	92	1.0	1.0	0.0 J_e			
94	91	93	1.0	0.924	0.0	91.2	−6.2	90.2	90.4	94	1.0	0.858	0.0	88.3	−1.4	87.4	87.4	91	0.983	1.0	0.0	1.0	0.897	0.0	90.2	−4.6	89.2	89.3	93	0.983	1.0	0.0			
95	92	95	1.0	0.952	0.0	92.2	−7.9	91.1	91.4	95	1.0	0.872	0.0	89.2	−3.0	88.2	88.3	92	0.967	1.0	0.0	1.0	0.952	0.0	92.2	−7.9	91.1	91.4	95	0.967	1.0	0.0			
96	93	96	1.0	0.98	0.0	93.3	−9.6	92.0	92.5	96 J_d	1.0	0.897	0.0	90.2	−4.6	89.2	89.3	93	0.95	1.0	0.0	1.0	0.98	0.0	93.3	−9.6	92.0	92.5	96	0.95	1.0	0.0			
97	94	97	0.997	1.0	0.0	93.7	−11.2	92.2	92.9	97	1.0	0.924	0.0	91.2	−6.2	90.2	90.4	94	0.933	1.0	0.0	0.997	1.0	0.0	93.7	−11.2	92.2	92.9	97	0.933	1.0	0.0			
98	95	98	0.985	1.0	0.0	92.6	−12.6	90.6	91.5	98	1.0	0.952	0.0	92.2	−7.9	91.1	91.4	95	0.917	1.0	0.0	0.985	1.0	0.0	92.6	−12.6	90.6	91.5	98	0.917	1.0	0.0			
99	96	99	0.973	1.0	0.0	91.5	−14.0	88.9	90.0	99	1.0	0.98	0.0	93.3	−9.6	92.0	92.5	96	0.9	1.0	0.0	0.973	1.0	0.0	91.5	−14.0	88.9	90.0	99	0.9	1.0	0.0			
100	97	100	0.962	1.0	0.0	90.5	−15.3	87.3	88.6	100	0.997	1.0	0.0	93.7	−11.2	92.2	92.9	97	0.883	1.0	0.0	0.962	1.0	0.0	90.5	−15.3	87.3	88.6	100	0.883	1.0	0.0			
101	98	102	0.95	1.0	0.0	89.4	−16.5	85.6	87.2	101	0.985	1.0	0.0	92.6	−12.6	90.6	91.5	98	0.867	1.0	0.0	0.939	1.0	0.0	88.3	−17.7	83.9	85.8	102	0.867	1.0	0.0			
102	99	103	0.939	1.0	0.0	88.3	−17.7	83.9	85.8	102	0.973	1.0	0.0	91.5	−14.0	88.9	90.0	99	0.85	1.0	0.0	0.927	1.0	0.0	87.3	−18.9	82.2	84.4	103	0.85	1.0	0.0			
103	100	104	0.927	1.0	0.0	87.3	−18.9	82.2	84.4	103	0.962	1.0	0.0	90.5	−15.3	87.3	88.6	100	0.833	1.0	0.0	0.915	1.0	0.0	86.2	−20.0	80.5	82.9	104	0.833	1.0	0.0			
104	101	105	0.915	1.0	0.0	86.2	−20.0	80.5	82.9	104	0.95	1.0	0.0	89.4	−16.5	85.6	87.2	101	0.817	1.0	0.0	0.904	1.0	0.0	85.1	−21.0	78.7	81.5	105	0.817	1.0	0.0			
105	102	106	0.904	1.0	0.0	85.1	−21.0	78.7	81.5	105	0.939	1.0	0.0	88.3	−17.7	83.9	85.8	102	0.8	1.0	0.0	0.892	1.0	0.0	84.1	−22.0	77.0	80.1	106	0.8	1.0	0.0			
106	103	107	0.892	1.0	0.0	84.1	−22.0	77.0	80.1	106	0.927	1.0	0.0	87.3	−18.9	82.2	84.4	103	0.783	1.0	0.0	0.88	1.0	0.0	83.0	−22.9	75.3	78.7	107	0.783	1.0	0.0			
107	104	109	0.88	1.0	0.0	83.0	−22.9	75.3	78.7	107	0.915	1.0	0.0	86.2	−20.0	80.5	82.9	104	0.767	1.0	0.0	0.858	1.0	0.0	81.3	−24.9	72.7	76.9	109	0.767	1.0	0.0			
108	105	110	0.869	1.0	0.0	82.1	−23.9	73.8	77.6	108	0.904	1.0	0.0	85.1	−21.0	78.7	81.5	105	0.75	1.0	0.0	0.847	1.0	0.0	80.6	−25.9	71.5	76.1	110	0.75	1.0	0.0			
109	106	111	0.858	1.0	0.0	81.3	−24.9	72.7	76.9	109	0.892	1.0	0.0	84.1	−22.0	77.0	80.1	106	0.733	1.0	0.0	0.836	1.0	0.0	79.8	−26.9	70.4	75.4	111	0.733	1.0	0.0			
110	107	112	0.847	1.0	0.0	80.6	−25.9	71.5	76.1	110	0.88	1.0	0.0	83.0	−22.9	75.3	78.7	107	0.717	1.0	0.0	0.826	1.0	0.0	79.1	−27.9	69.2	74.6	112	0.717	1.0	0.0			
111	108	113	0.836	1.0	0.0	79.8	−26.9	70.4	75.4	111	0.869	1.0	0.0	82.1	−23.9	73.8	77.6	108	0.7	1.0	0.0	0.815	1.0	0.0	78.3	−28.8	68.0	73.9	113	0.7	1.0	0.0			
112	109	114	0.826	1.0	0.0	79.1	−27.9	69.2	74.6	112	0.858	1.0	0.0	81.3	−24.9	72.7	76.9	109	0.683	1.0	0.0	0.804	1.0	0.0	77.6	−29.7	66.8	73.1	114	0.683	1.0	0.0			
113	110	116	0.815	1.0	0.0	78.3	−28.8	68.0	73.9	113	0.847	1.0	0.0	80.6	−25.9	71.5	76.1	110	0.667	1.0	0.0	0.782	1.0	0.0	76.1	−31.3	64.4	71.7	116	0.667	1.0	0.0			
114	111	117	0.804	1.0	0.0	77.6	−29.7	66.8	73.1	114	0.836	1.0	0.0	79.8	−26.9	70.4	75.4	111	0.65	1.0	0.0	0.771	1.0	0.0	75.3	−32.1	63.2	70.9	117	0.65	1.0	0.0			
115	112	118	0.793	1.0	0.0	76.8	−30.5	65.6	72.4	115	0.826	1.0	0.0	79.1	−27.9	69.2	74.6	112	0.633	1.0	0.0	0.76	1.0	0.0	74.5	−32.8	61.9	70.2	118	0.633	1.0	0.0			
116	113	119	0.782	1.0	0.0	76.1	−31.3	64.4	71.7	116	0.815	1.0	0.0	78.3	−28.8	68.0	73.9	113	0.617	1.0	0.0	0.749	1.0	0.0	73.8	−33.6	60.7	69.4	119	0.617	1.0	0.0			
117	114	120	0.771	1.0	0.0	75.3	−32.1	63.2	70.9	117	0.804	1.0	0.0	77.6	−29.7	66.8	73.1	114	0.6	1.0	0.0	0.738	1.0	0.0	73.2	−34.3	59.6	68.8	120	0.6	1.0	0.0			
118	115	121	0.76	1.0	0.0	74.5	−32.8	61.9	70.2	118	0.793	1.0	0.0	76.8	−30.5	65.6	72.4	115	0.583	1.0	0.0	0.727	1.0	0.0	72.6	−35.1	58.5	68.2	121	0.583	1.0	0.0			
119	116	123	0.749	1.0	0.0	73.8	−33.6	60.7	69.4	119	0.782	1.0	0.0	76.1	−31.3	64.4	71.7	116	0.567	1.0	0.0	0.705	1.0	0.0	71.3	−36.4	56.3	67.1	123	0.567	1.0	0.0			
120	117	124	0.738	1.0	0.0	73.2	−34.3	59.6	68.8	120	0.771	1.0	0.0	75.3	−32.1	63.2	70.9	117	0.55	1.0	0.0	0.694	1.0	0.0	70.7	−37.1	55.1	66.5	124	0.55	1.0	0.0			
121	118	125	0.727	1.0	0.0	72.6	−35.1	58.5	68.2	121	0.76	1.0	0.0	74.5	−32.8	61.9	70.2	118	0.533	1.0	0.0	0.684	1.0	0.0	70.1	−37.7	54.0	65.9	125	0.533	1.0	0.0			
122	119	126	0.716	1.0	0.0	72.0	−35.8	57.4	67.7	122	0.749	1.0	0.0	73.8	−33.6	60.7	69.4	119	0.517	1.0	0.0	0.673	1.0	0.0	69.5	−38.3	52.8	65.3	126	0.517	1.0	0.0			
123	120	127	0.705	1.0	0.0	71.3	−36.4	56.3	67.1	123	0.738	1.0	0.0	73.2	−34.3	59.6	68.8	120	0.5	1.0	0.0	0.662	1.0	0.0	68.9	−38.8	51.7	64.7	127	0.5	1.0	0.0			

Daten der Maximalfarbe M im Farbmetrik-Sytem Laserdrucker HRS18_96; ohne Separation, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *s:* $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *d:* $h_{ab,d}$ = 33.3, 96.7, 144.4, 208.3, 256.5, 354.0; Sechs Bunttonwinkel der Elementarfarben *e:* $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*dd361Mi			LAB^*dd361Mix (x=LabCh)					rgb^*ds361Mi			LAB^*ds361Mix (x=LabCh)					rgb^*s50M			rgb^*de361Mi			LAB^*de361Mix (x=LabCh)					rgb^*e50M			rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
123	120	127	0.705	1.0	0.0	71.3	−36.4	56.3	67.1	123	0.738	1.0	0.0	73.2	−34.3	59.6	68.8	120	0.5	1.0	0.0	0.662	1.0	0.0	68.9	−38.8	51.7	64.7	127	0.5	1.0	0.0			
124	121	128	0.694	1.0	0.0	70.7	−37.1	55.1	66.5	124	0.727	1.0	0.0	72.6	−35.1	58.5	68.2	121	0.483	1.0	0.0	0.651	1.0	0.0	68.3	−39.4	50.5	64.1	128	0.483	1.0	0.0			
125	122	130	0.684	1.0	0.0	70.1	−37.7	54.0	65.9	125	0.716	1.0	0.0	72.0	−35.8	57.4	67.7	122	0.467	1.0	0.0	0.629	1.0	0.0	67.0	−40.4	48.2	63.0	130	0.467	1.0	0.0			
126	123	131	0.673	1.0	0.0	69.5	−38.3	52.8	65.3	126	0.705	1.0	0.0	71.3	−36.4	56.3	67.1	123	0.45	1.0	0.0	0.616	1.0	0.0	66.4	−41.1	47.4	62.8	131	0.45	1.0	0.0			
127	124	132	0.662	1.0	0.0	68.9	−38.8	51.7	64.7	127	0.694	1.0	0.0	70.7	−37.1	55.1	66.5	124	0.433	1.0	0.0	0.602	1.0	0.0	65.8	−42.0	46.8	62.9	132	0.433	1.0	0.0			
128	125	133	0.651	1.0	0.0	68.3	−39.4	50.5	64.1	128	0.684	1.0	0.0	70.1	−37.7	54.0	65.9	125	0.417	1.0	0.0	0.588	1.0	0.0	65.3	−42.9	46.1	63.0	133	0.417	1.0	0.0			
129	126	134	0.64	1.0	0.0	67.6	−39.9	49.4	63.5	129	0.673	1.0	0.0	69.5	−38.3	52.8	65.3	126	0.4	1.0	0.0	0.574	1.0	0.0	64.7	−43.7	45.4	63.1	134	0.4	1.0	0.0			
130	127	135	0.629	1.0	0.0	67.0	−40.4	48.2	63.0	130	0.662	1.0	0.0	68.9	−38.8	51.7	64.7	127	0.383	1.0	0.0	0.561	1.0	0.0	64.1	−44.6	44.7	63.2	135	0.383	1.0	0.0			
131	128	137	0.616	1.0	0.0	66.4	−41.1	47.4	62.8	131	0.651	1.0	0.0	68.3	−39.4	50.5	64.1	128	0.367	1.0	0.0	0.533	1.0	0.0	62.9	−46.3	43.2	63.4	137	0.367	1.0	0.0			
132	129	138	0.602	1.0	0.0	65.8	−42.0	46.8	62.9	132	0.64	1.0	0.0	67.6	−39.9	49.4	63.5	129	0.35	1.0	0.0	0.519	1.0	0.0	62.3	−47.1	42.5	63.5	138	0.35	1.0	0.0			
133	130	139	0.588	1.0	0.0	65.3	−42.9	46.1	63.0	133	0.629	1.0	0.0	67.0	−40.4	48.2	63.0	130	0.333	1.0	0.0	0.505	1.0	0.0	61.7	−47.9	41.7	63.6	139	0.333	1.0	0.0			
134	131	140	0.574	1.0	0.0	64.7	−43.7	45.4	63.1	134	0.616	1.0	0.0	66.4	−41.1	47.4	62.8	131	0.317	1.0	0.0	0.464	1.0	0.0	61.3	−48.8	41.0	63.8	140	0.317	1.0	0.0			
135	132	141	0.561	1.0	0.0	64.1	−44.6	44.7	63.2	135	0.602	1.0	0.0	65.8	−42.0	46.8	62.9	132	0.3	1.0	0.0	0.409	1.0	0.0	60.8	−49.6	40.3	64.0	141	0.3	1.0	0.0			
136	133	142	0.547	1.0	0.0	63.5	−45.4	44.0	63.3	136	0.588	1.0	0.0	65.3	−42.9	46.1	63.0	133	0.283	1.0	0.0	0.354	1.0	0.0	60.4	−50.8	39.8	64.6	142	0.283	1.0	0.0			
137	134	144	0.533	1.0	0.0	62.9	−46.3	43.2	63.4	137	0.574	1.0	0.0	64.7	−43.7	45.4	63.1	134	0.267	1.0	0.0	0.242	1.0	0.0	59.4	−54.1	39.3	66.9	144	0.267	1.0	0.0			
138	135	145	0.519	1.0	0.0	62.3	−47.1	42.5	63.5	138	0.561	1.0	0.0	64.1	−44.6	44.7	63.2	135	0.25	1.0	0.0	0.0	1.0	0.256	59.0	−54.6	38.3	66.8	145	0.25	1.0	0.0			
139	136	146	0.505	1.0	0.0	61.7	−47.9	41.7	63.6	139	0.547	1.0	0.0	63.5	−45.4	44.0	63.3	136	0.233	1.0	0.0	0.0	1.0	0.3	58.6	−55.0	37.2	66.4	146	0.233	1.0	0.0			
140	137	147	0.464	1.0	0.0	61.3	−48.8	41.0	63.8	140	0.533	1.0	0.0	62.9	−46.3	43.2	63.4	137	0.217	1.0	0.0	0.0	1.0	0.343	58.2	−55.3	36.0	66.1	147	0.217	1.0	0.0			
141	138	148	0.409	1.0	0.0	60.8	−49.6	40.3	64.0	141	0.519	1.0	0.0	62.3	−47.1	42.5	63.5	138	0.2	1.0	0.0	0.0	1.0	0.384	57.9	−55.6	34.8	65.6	148	0.2	1.0	0.0			
142	139	149	0.354	1.0	0.0	60.4	−50.8	39.8	64.6	142	0.505	1.0	0.0	61.7	−47.9	41.7	63.6	139	0.183	1.0	0.0	0.0	1.0	0.418	57.8	−55.5	33.4	64.8	149	0.183	1.0	0.0			
143	140	151	0.301	1.0	0.0	59.9	−52.4	39.6	65.8	143	0.464	1.0	0.0	61.3	−48.8	41.0	63.8	140	0.167	1.0	0.0	0.0	1.0	0.485	57.6	−55.2	30.7	63.2	151	0.167	1.0	0.0			
144	141	152	0.242	1.0	0.0	59.4	−54.1	39.3	66.9	144 G_d	0.409	1.0	0.0	60.8	−49.6	40.3	64.0	141	0.15	1.0	0.0	0.0	1.0	0.515	57.4	−55.2	29.4	62.6	152	0.15	1.0	0.0			
145	142	153	0.0	1.0	0.256	59.0	−54.6	38.3	66.8	145	0.354	1.0	0.0	60.4	−50.8	39.8	64.6	142	0.133	1.0	0.0	0.0	1.0	0.542	57.3	−55.3	28.2	62.1	153	0.133	1.0	0.0			
146	143	154	0.0	1.0	0.3	58.6	−55.0	37.2	66.4	146	0.301	1.0	0.0	59.9	−52.4	39.6	65.8	143	0.117	1.0	0.0	0.0	1.0	0.569	57.1	−55.3	27.0	61.7	154	0.117	1.0	0.0			
147	144	155	0.0	1.0	0.343	58.2	−55.3	36.0	66.1	147	0.242	1.0	0.0	59.4	−54.1	39.3	66.9	144	0.1	1.0	0.0	0.0	1.0	0.596	56.9	−55.3	25.9	61.2	155	0.1	1.0	0.0			
148	145	156	0.0	1.0	0.384	57.9	−55.6	34.8	65.6	148	0.0	1.0	0.256	59.0	−54.6	38.3	66.8	145	0.083	1.0	0.0	0.0	1.0	0.624	56.8	−55.3	24.7	60.7	156	0.083	1.0	0.0			
149	146	158	0.0	1.0	0.418	57.8	−55.5	33.4	64.8	149	0.0	1.0	0.3	58.6	−55.0	37.2	66.4	146	0.067	1.0	0.0	0.0	1.0	0.648	56.8	−54.9	22.2	59.4	158	0.067	1.0	0.0			
150	147	159	0.0	1.0	0.452	57.7	−55.4	32.0	64.0	150	0.0	1.0	0.343	58.2	−55.3	36.0	66.1	147	0.05	1.0	0.0	0.0	1.0	0.659	56.9	−54.7	21.0	58.7	159	0.05	1.0	0.0			
151	148	160	0.0	1.0	0.485	57.6	−55.2	30.7	63.2	151	0.0	1.0	0.384	57.9	−55.6	34.8	65.6	148	0.033	1.0	0.0	0.0	1.0	0.671	56.9	−54.4	19.8	58.0	160	0.033	1.0	0.0			
152	149	161	0.0	1.0	0.515	57.4	−55.2	29.4	62.6	152	0.0	1.0	0.418	57.8	−55.5	33.4	64.8	149	0.017	1.0	0.0	0.0	1.0	0.683	57.0	−54.1	18.7	57.4	161	0.017	1.0	0.0			
153	150	162	0.0	1.0	0.542	57.3	−55.3	28.2	62.1	153	0.0	1.0	0.452	57.7	−55.4	32.0	64.0	150	0.0	1.0	0.0 G_s	0.0	1.0	0.694	57.0	−53.8	17.5	56.7	162	0.0	1.0	0.0 G_e			
154	151	163	0.0	1.0	0.569	57.1	−55.3	27.0	61.7	154	0.0	1.0	0.485	57.6	−55.2	30.7	63.2	151	0.0	1.0	0.017	0.0	1.0	0.706	57.0	−53.5	16.4	56.0	163	0.0	1.0	0.017			
155	152	164	0.0	1.0	0.596	56.9	−55.3	25.9	61.2	155	0.0	1.0	0.515	57.4	−55.2	29.4	62.6	152	0.0	1.0	0.033	0.0	1.0	0.717	57.1	−53.1	15.3	55.4	164	0.0	1.0	0.033			
156	153	165	0.0	1.0	0.624	56.8	−55.3	24.7	60.7	156	0.0	1.0	0.542	57.3	−55.3	28.2	62.1	153	0.0	1.0	0.05	0.0	1.0	0.729	57.1	−52.7	14.2	54.7	165	0.0	1.0	0.05			
157	154	166	0.0	1.0	0.636	56.8	−55.2	23.5	60.0	157	0.0	1.0	0.569	57.1	−55.3	27.0	61.7	154	0.0	1.0	0.067	0.0	1.0	0.741	57.2	−52.3	13.1	54.0	166	0.0	1.0	0.067			
158	155	167	0.0	1.0	0.648	56.8	−54.9	22.2	59.4	158	0.0	1.0	0.596	56.9	−55.3	25.9	61.2	155	0.0	1.0	0.083	0.0	1.0	0.751	57.2	−51.9	12.0	53.4	167	0.0	1.0	0.083			
159	156	168	0.0	1.0	0.659	56.9	−54.7	21.0	58.7	159	0.0	1.0	0.624	56.8	−55.3	24.7	60.7	156	0.0	1.0	0.1	0.0	1.0	0.758	57.3	−51.7	11.0	53.0	168	0.0	1.0	0.1			
160	157	169	0.0	1.0	0.671	56.9	−54.4	19.8	58.0	160	0.0	1.0	0.636	56.8	−55.2	23.5	60.0	157	0.0	1.0	0.117	0.0	1.0	0.765	57.4	−51.5	10.0	52.6	169	0.0	1.0	0.117			
161	158	170	0.0	1.0	0.683	57.0	−54.1	18.7	57.4	161	0.0	1.0	0.648	56.8	−54.9	22.2	59.4	158	0.0	1.0	0.133	0.0	1.0	0.772	57.5	−51.3	9.1	52.2	170	0.0	1.0	0.133			
162	159	170	0.0	1.0	0.694	57.0	−53.8	17.5	56.7	162	0.0	1.0	0.659	56.9	−54.7	21.0	58.7	159	0.0	1.0	0.15	0.0	1.0	0.772	57.5	−51.3	9.1	52.2	170	0.0	1.0	0.15			
163	160	171	0.0	1.0	0.706	57.0	−53.5	16.4	56.0	163	0.0	1.0	0.671	56.9	−54.4	19.8	58.0	160	0.0	1.0	0.167	0.0	1.0	0.779	57.5	−51.1	8.1	51.8	171	0.0	1.0	0.167			
164	161	172	0.0	1.0	0.717	57.1	−53.1	15.3	55.4	164	0.0	1.0	0.683	57.0	−54.1	18.7	57.4	161	0.0	1.0	0.183	0.0	1.0	0.786	57.6	−50.8	7.2	51.4	172	0.0	1.0	0.183			
165	162	173	0.0	1.0	0.729	57.1	−52.7	14.2	54.7	165	0.0	1.0	0.694	57.0	−53.8	17.5	56.7	162	0.0	1.0	0.2	0.0	1.0	0.793	57.7	−50.5	6.2	51.0	173	0.0	1.0	0.2			
166	163	174	0.0	1.0	0.741	57.2	−52.3	13.1	54.0	166	0.0	1.0	0.706	57.0	−53.5	16.4	56.0	163	0.0	1.0	0.217	0.0	1.0	0.799	57.8	−50.2	5.3	50.6	174	0.0	1.0	0.217			
167	164	175	0.0	1.0	0.751	57.2	−51.9	12.0	53.4	167	0.0	1.0	0.717	57.1	−53.1	15.3	55.4	164	0.0	1.0	0.233	0.0	1.0	0.806	57.9	−49.9	4.4	50.2	175	0.0	1.0	0.233			
168	165	176	0.0	1.0	0.758	57.3	−51.7	11.0	53.0	168	0.0	1.0	0.729	57.1	−52.7	14.2	54.7	165	0.0	1.0	0.25	0.0	1.0	0.813	58.0	−49.6	3.5	49.8	176	0.0	1.0	0.25			

Daten der Maximalfarbe M im Farbmetrik-Sytem Laserdrucker HRS18_96; ohne Separation, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *s:* $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *d:* $h_{ab,d}$ = 33.3, 96.7, 144.4, 208.3, 256.5, 354.0; Sechs Bunttonwinkel der Elementarfarben *e:* $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*_{dd}			LAB^*_{dd}					rgb^*_{ds}			LAB^*_{ds}					rgb^*_{s50M}			rgb^*_{de}			LAB^*_{de}					rgb^*_{e50M}			rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
168	165	176	0.0	1.0	0.758	57.3	−51.7	11.0	53.0	168	0.0	1.0	0.729	57.1	−52.7	14.2	54.7	165	0.0	1.0	0.25	0.0	1.0	0.813	58.0	−49.6	3.5	49.8	176	0.0	1.0	0.25			
169	166	177	0.0	1.0	0.765	57.4	−51.5	10.0	52.6	169	0.0	1.0	0.741	57.2	−52.3	13.1	54.0	166	0.0	1.0	0.267	0.0	1.0	0.82	58.1	−49.3	2.6	49.4	177	0.0	1.0	0.267			
170	167	178	0.0	1.0	0.772	57.5	−51.3	9.1	52.2	170	0.0	1.0	0.751	57.2	−51.9	12.0	53.4	167	0.0	1.0	0.283	0.0	1.0	0.827	58.2	−48.9	1.7	49.0	178	0.0	1.0	0.283			
171	168	179	0.0	1.0	0.779	57.5	−51.1	8.1	51.8	171	0.0	1.0	0.758	57.3	−51.7	11.0	53.0	168	0.0	1.0	0.3	0.0	1.0	0.834	58.2	−48.5	0.8	48.6	179	0.0	1.0	0.3			
172	169	180	0.0	1.0	0.786	57.6	−50.8	7.2	51.4	172	0.0	1.0	0.765	57.4	−51.5	10.0	52.6	169	0.0	1.0	0.317	0.0	1.0	0.841	58.3	−48.1	0.0	48.2	180	0.0	1.0	0.317			
173	170	180	0.0	1.0	0.793	57.7	−50.5	6.2	51.0	173	0.0	1.0	0.772	57.5	−51.3	9.1	52.2	170	0.0	1.0	0.333	0.0	1.0	0.841	58.3	−48.1	0.0	48.2	180	0.0	1.0	0.333			
174	171	181	0.0	1.0	0.799	57.8	−50.2	5.3	50.6	174	0.0	1.0	0.779	57.5	−51.1	8.1	51.8	171	0.0	1.0	0.35	0.0	1.0	0.847	58.4	−47.7	−0.7	47.8	181	0.0	1.0	0.35			
175	172	182	0.0	1.0	0.806	57.9	−49.9	4.4	50.2	175	0.0	1.0	0.786	57.6	−50.8	7.2	51.4	172	0.0	1.0	0.367	0.0	1.0	0.854	58.5	−47.3	−1.6	47.4	182	0.0	1.0	0.367			
176	173	183	0.0	1.0	0.813	58.0	−49.6	3.5	49.8	176	0.0	1.0	0.793	57.7	−50.5	6.2	51.0	173	0.0	1.0	0.383	0.0	1.0	0.861	58.6	−46.9	−2.4	47.0	183	0.0	1.0	0.383			
177	174	184	0.0	1.0	0.82	58.1	−49.3	2.6	49.4	177	0.0	1.0	0.799	57.8	−50.2	5.3	50.6	174	0.0	1.0	0.4	0.0	1.0	0.868	58.7	−46.4	−3.2	46.6	184	0.0	1.0	0.4			
178	175	185	0.0	1.0	0.827	58.2	−48.9	1.7	49.0	178	0.0	1.0	0.806	57.9	−49.9	4.4	50.2	175	0.0	1.0	0.417	0.0	1.0	0.875	58.8	−46.0	−3.9	46.2	185	0.0	1.0	0.417			
179	176	186	0.0	1.0	0.834	58.2	−48.5	0.8	48.6	179	0.0	1.0	0.813	58.0	−49.6	3.5	49.8	176	0.0	1.0	0.433	0.0	1.0	0.88	58.6	−46.0	−4.7	46.4	186	0.0	1.0	0.433			
180	177	187	0.0	1.0	0.841	58.3	−48.1	0.0	48.2	180	0.0	1.0	0.82	58.1	−49.3	2.6	49.4	177	0.0	1.0	0.45	0.0	1.0	0.886	58.5	−46.1	−5.6	46.5	187	0.0	1.0	0.45			
181	178	188	0.0	1.0	0.847	58.4	−47.7	−0.7	47.8	181	0.0	1.0	0.827	58.2	−48.9	1.7	49.0	178	0.0	1.0	0.467	0.0	1.0	0.891	58.3	−46.2	−6.4	46.7	188	0.0	1.0	0.467			
182	179	189	0.0	1.0	0.854	58.5	−47.3	−1.6	47.4	182	0.0	1.0	0.834	58.2	−48.5	0.8	48.6	179	0.0	1.0	0.483	0.0	1.0	0.896	58.1	−46.2	−7.2	46.9	189	0.0	1.0	0.483			
183	180	190	0.0	1.0	0.861	58.6	−46.9	−2.4	47.0	183	0.0	1.0	0.841	58.3	−48.1	0.0	48.2	180	0.0	1.0	0.5	0.0	1.0	0.902	58.0	−46.2	−8.1	47.0	190	0.0	1.0	0.5			
184	181	191	0.0	1.0	0.868	58.7	−46.4	−3.2	46.6	184	0.0	1.0	0.847	58.4	−47.7	−0.7	47.8	181	0.0	1.0	0.517	0.0	1.0	0.907	57.8	−46.2	−8.9	47.2	191	0.0	1.0	0.517			
185	182	191	0.0	1.0	0.875	58.8	−46.0	−3.9	46.2	185	0.0	1.0	0.854	58.5	−47.3	−1.6	47.4	182	0.0	1.0	0.533	0.0	1.0	0.907	57.8	−46.2	−8.9	47.2	191	0.0	1.0	0.533			
186	183	192	0.0	1.0	0.88	58.6	−46.0	−4.7	46.4	186	0.0	1.0	0.861	58.6	−46.9	−2.4	47.0	183	0.0	1.0	0.55	0.0	1.0	0.912	57.7	−46.2	−9.7	47.4	192	0.0	1.0	0.55			
187	184	193	0.0	1.0	0.886	58.5	−46.1	−5.6	46.5	187	0.0	1.0	0.868	58.7	−46.4	−3.2	46.6	184	0.0	1.0	0.567	0.0	1.0	0.918	57.5	−46.2	−10.6	47.5	193	0.0	1.0	0.567			
188	185	194	0.0	1.0	0.891	58.3	−46.2	−6.4	46.7	188	0.0	1.0	0.875	58.8	−46.0	−3.9	46.2	185	0.0	1.0	0.583	0.0	1.0	0.923	57.3	−46.2	−11.4	47.7	194	0.0	1.0	0.583			
189	186	195	0.0	1.0	0.896	58.1	−46.2	−7.2	46.9	189	0.0	1.0	0.88	58.6	−46.0	−4.7	46.4	186	0.0	1.0	0.6	0.0	1.0	0.929	57.2	−46.1	−12.3	47.9	195	0.0	1.0	0.6			
190	187	196	0.0	1.0	0.902	58.0	−46.2	−8.1	47.0	190	0.0	1.0	0.886	58.5	−46.1	−5.6	46.5	187	0.0	1.0	0.617	0.0	1.0	0.934	57.0	−46.1	−13.1	48.0	196	0.0	1.0	0.617			
191	188	197	0.0	1.0	0.907	57.8	−46.2	−8.9	47.2	191	0.0	1.0	0.891	58.3	−46.2	−6.4	46.7	188	0.0	1.0	0.633	0.0	1.0	0.939	56.9	−46.0	−14.0	48.2	197	0.0	1.0	0.633			
192	189	198	0.0	1.0	0.912	57.7	−46.2	−9.7	47.4	192	0.0	1.0	0.896	58.1	−46.2	−7.2	46.9	189	0.0	1.0	0.65	0.0	1.0	0.945	56.7	−45.9	−14.8	48.4	198	0.0	1.0	0.65			
193	190	199	0.0	1.0	0.918	57.5	−46.2	−10.6	47.5	193	0.0	1.0	0.902	58.0	−46.2	−8.1	47.0	190	0.0	1.0	0.667	0.0	1.0	0.95	56.6	−45.8	−15.7	48.5	199	0.0	1.0	0.667			
194	191	200	0.0	1.0	0.923	57.3	−46.2	−11.4	47.7	194	0.0	1.0	0.907	57.8	−46.2	−8.9	47.2	191	0.0	1.0	0.683	0.0	1.0	0.955	56.4	−45.7	−16.6	48.7	200	0.0	1.0	0.683			
195	192	201	0.0	1.0	0.929	57.2	−46.1	−12.3	47.9	195	0.0	1.0	0.912	57.7	−46.2	−9.7	47.4	192	0.0	1.0	0.7	0.0	1.0	0.961	56.2	−45.5	−17.4	48.9	201	0.0	1.0	0.7			
196	193	201	0.0	1.0	0.934	57.0	−46.1	−13.1	48.0	196	0.0	1.0	0.918	57.5	−46.2	−10.6	47.5	193	0.0	1.0	0.717	0.0	1.0	0.961	56.2	−45.5	−17.4	48.9	201	0.0	1.0	0.717			
197	194	202	0.0	1.0	0.939	56.9	−46.0	−14.0	48.2	197	0.0	1.0	0.923	57.3	−46.2	−11.4	47.7	194	0.0	1.0	0.733	0.0	1.0	0.966	56.1	−45.3	−18.3	49.0	202	0.0	1.0	0.733			
198	195	203	0.0	1.0	0.945	56.7	−45.9	−14.8	48.4	198	0.0	1.0	0.929	57.2	−46.1	−12.3	47.9	195	0.0	1.0	0.75	0.0	1.0	0.971	55.9	−45.2	−19.1	49.2	203	0.0	1.0	0.75			
199	196	204	0.0	1.0	0.95	56.6	−45.8	−15.7	48.5	199	0.0	1.0	0.934	57.0	−46.1	−13.1	48.0	196	0.0	1.0	0.767	0.0	1.0	0.977	55.8	−45.0	−20.0	49.3	204	0.0	1.0	0.767			
200	197	205	0.0	1.0	0.955	56.4	−45.7	−16.6	48.7	200	0.0	1.0	0.939	56.9	−46.0	−14.0	48.2	197	0.0	1.0	0.783	0.0	1.0	0.982	55.6	−44.8	−20.8	49.5	205	0.0	1.0	0.783			
201	198	206	0.0	1.0	0.961	56.2	−45.5	−17.4	48.9	201	0.0	1.0	0.945	56.7	−45.9	−14.8	48.4	198	0.0	1.0	0.8	0.0	1.0	0.988	55.4	−44.5	−21.7	49.7	206	0.0	1.0	0.8			
202	199	207	0.0	1.0	0.966	56.1	−45.3	−18.3	49.0	202	0.0	1.0	0.95	56.6	−45.8	−15.7	48.5	199	0.0	1.0	0.817	0.0	1.0	0.993	55.3	−44.3	−22.5	49.8	207	0.0	1.0	0.817			
203	200	208	0.0	1.0	0.971	55.9	−45.2	−19.1	49.2	203	0.0	1.0	0.955	56.4	−45.7	−16.6	48.7	200	0.0	1.0	0.833	0.0	1.0	0.998	55.1	−44.1	−23.4	50.0	208	0.0	1.0	0.833			
204	201	209	0.0	1.0	0.977	55.8	−45.0	−20.0	49.3	204	0.0	1.0	0.961	56.2	−45.5	−17.4	48.9	201	0.0	1.0	0.85	0.0	0.994	1.0	54.9	−44.0	−24.3	50.4	209	0.0	1.0	0.85			
205	202	210	0.0	1.0	0.982	55.6	−44.8	−20.8	49.5	205	0.0	1.0	0.966	56.1	−45.3	−18.3	49.0	202	0.0	1.0	0.867	0.0	0.985	1.0	54.6	−44.0	−25.4	51.0	210	0.0	1.0	0.867			
206	203	211	0.0	1.0	0.988	55.4	−44.5	−21.7	49.7	206	0.0	1.0	0.971	55.9	−45.2	−19.1	49.2	203	0.0	1.0	0.883	0.0	0.976	1.0	54.3	−44.0	−26.4	51.5	211	0.0	1.0	0.883			
207	204	212	0.0	1.0	0.993	55.3	−44.3	−22.5	49.8	207	0.0	1.0	0.977	55.8	−45.0	−20.0	49.3	204	0.0	1.0	0.9	0.0	0.967	1.0	54.0	−44.0	−27.5	52.0	212	0.0	1.0	0.9			
208	205	212	0.0	1.0	0.998	55.1	−44.1	−23.4	50.0	208 C_d	0.0	1.0	0.982	55.6	−44.8	−20.8	49.5	205	0.0	1.0	0.917	0.0	0.967	1.0	54.0	−44.0	−27.5	52.0	212	0.0	1.0	0.917			
209	206	213	0.0	0.994	1.0	54.9	−44.0	−24.3	50.4	209	0.0	1.0	0.988	55.4	−44.5	−21.7	49.7	206	0.0	1.0	0.933	0.0	0.959	1.0	53.7	−44.0	−28.5	52.6	213	0.0	1.0	0.933			
210	207	214	0.0	0.985	1.0	54.6	−44.0	−25.4	51.0	210	0.0	1.0	0.993	55.3	−44.3	−22.5	49.8	207	0.0	1.0	0.95	0.0	0.95	1.0	53.4	−43.9	−29.6	53.1	214	0.0	1.0	0.95			
211	208	215	0.0	0.976	1.0	54.3	−44.0	−26.4	51.5	211	0.0	1.0	0.998	55.1	−44.1	−23.4	50.0	208	0.0	1.0	0.967	0.0	0.941	1.0	53.1	−43.8	−30.7	53.7	215	0.0	1.0	0.967			
212	209	216	0.0	0.967	1.0	54.0	−44.0	−27.5	52.0	212	0.0	0.994	1.0	54.9	−44.0	−24.3	50.4	209	0.0	1.0	0.983	0.0	0.932	1.0	52.8	−43.7	−31.8	54.2	216	0.0	1.0	0.983			
213	210	217	0.0	0.959	1.0	53.7	−44.0	−28.5	52.6	213	0.0	0.985	1.0	54.6	−44.0	−25.4	51.0	210	0.0	1.0	1.0 C_s	0.0	0.923	1.0	52.5	−43.6	−32.8	54.7	217	0.0	1.0	1.0 C_e			

Daten der Maximalfarbe M im Farbmetrik-Sytem Laserdrucker HRS18_96; ohne Separation, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *s:* $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *d:* $h_{ab,d}$ = 33.3, 96.7, 144.4, 208.3, 256.5, 354.0; Sechs Bunttonwinkel der Elementarfarben *e:* $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361Mi			*LAB**dd361Mix (x=LabCh)					*rgb**ds361Mi			*LAB**ds361Mix (x=LabCh)					*rgb**s50M			*rgb**de361Mi			*LAB**de361Mix (x=LabCh)					*rgb**e50M			*rgb**dd	*rgb**ds	*rgb**de
213	210	217	0.0	0.959	1.0	53.7	−44.0	−28.5	52.6	213	0.0	0.985	1.0	54.6	−44.0	−25.4	51.0	210	0.0	1.0	1.0 C_s	0.0	0.923	1.0	52.5	−43.6	−32.8	54.7	217	0.0	1.0	1.0 C_e			
214	211	218	0.0	0.95	1.0	53.4	−43.9	−29.6	53.1	214	0.0	0.976	1.0	54.3	−44.0	−26.4	51.5	211	0.0	0.983	1.0	0.0	0.914	1.0	52.2	−43.4	−33.9	55.3	218	0.0	0.983	1.0			
215	212	219	0.0	0.941	1.0	53.1	−43.8	−30.7	53.7	215	0.0	0.967	1.0	54.0	−44.0	−27.5	52.0	212	0.0	0.967	1.0	0.0	0.905	1.0	51.9	−43.3	−35.0	55.8	219	0.0	0.967	1.0			
216	213	220	0.0	0.932	1.0	52.8	−43.7	−31.8	54.2	216	0.0	0.959	1.0	53.7	−44.0	−28.5	52.6	213	0.0	0.95	1.0	0.0	0.897	1.0	51.7	−43.1	−36.1	56.3	220	0.0	0.95	1.0			
217	214	221	0.0	0.923	1.0	52.5	−43.6	−32.8	54.7	217	0.0	0.95	1.0	53.4	−43.9	−29.6	53.1	214	0.0	0.933	1.0	0.0	0.888	1.0	51.4	−42.8	−37.2	56.9	221	0.0	0.933	1.0			
218	215	222	0.0	0.914	1.0	52.2	−43.4	−33.9	55.3	218	0.0	0.941	1.0	53.1	−43.8	−30.7	53.7	215	0.0	0.917	1.0	0.0	0.879	1.0	51.1	−42.6	−38.3	57.4	222	0.0	0.917	1.0			
219	216	222	0.0	0.905	1.0	51.9	−43.3	−35.0	55.8	219	0.0	0.932	1.0	52.8	−43.7	−31.8	54.2	216	0.0	0.9	1.0	0.0	0.879	1.0	51.1	−42.6	−38.3	57.4	222	0.0	0.9	1.0			
220	217	223	0.0	0.897	1.0	51.7	−43.1	−36.1	56.3	220	0.0	0.923	1.0	52.5	−43.6	−32.8	54.7	217	0.0	0.883	1.0	0.0	0.87	1.0	50.9	−42.2	−39.3	57.8	223	0.0	0.883	1.0			
221	218	224	0.0	0.888	1.0	51.4	−42.8	−37.2	56.9	221	0.0	0.914	1.0	52.2	−43.4	−33.9	55.3	218	0.0	0.867	1.0	0.0	0.861	1.0	50.8	−41.7	−40.3	58.1	224	0.0	0.867	1.0			
222	219	225	0.0	0.879	1.0	51.1	−42.6	−38.3	57.4	222	0.0	0.905	1.0	51.9	−43.3	−35.0	55.8	219	0.0	0.85	1.0	0.0	0.852	1.0	50.7	−41.2	−41.2	58.5	225	0.0	0.85	1.0			
223	220	226	0.0	0.87	1.0	50.9	−42.2	−39.3	57.8	223	0.0	0.897	1.0	51.7	−43.1	−36.1	56.3	220	0.0	0.833	1.0	0.0	0.843	1.0	50.6	−40.7	−42.2	58.8	226	0.0	0.833	1.0			
224	221	227	0.0	0.861	1.0	50.8	−41.7	−40.3	58.1	224	0.0	0.888	1.0	51.4	−42.8	−37.2	56.9	221	0.0	0.817	1.0	0.0	0.834	1.0	50.5	−40.2	−43.1	59.1	227	0.0	0.817	1.0			
225	222	228	0.0	0.852	1.0	50.7	−41.2	−41.2	58.5	225	0.0	0.879	1.0	51.1	−42.6	−38.3	57.4	222	0.0	0.8	1.0	0.0	0.825	1.0	50.4	−39.7	−44.1	59.4	228	0.0	0.8	1.0			
226	223	229	0.0	0.843	1.0	50.6	−40.7	−42.2	58.8	226	0.0	0.87	1.0	50.9	−42.2	−39.3	57.8	223	0.0	0.783	1.0	0.0	0.816	1.0	50.3	−39.1	−45.0	59.8	229	0.0	0.783	1.0			
227	224	230	0.0	0.834	1.0	50.5	−40.2	−43.1	59.1	227	0.0	0.861	1.0	50.8	−41.7	−40.3	58.1	224	0.0	0.767	1.0	0.0	0.807	1.0	50.2	−38.5	−45.9	60.1	230	0.0	0.767	1.0			
228	225	231	0.0	0.825	1.0	50.4	−39.7	−44.1	59.4	228	0.0	0.852	1.0	50.7	−41.2	−41.2	58.5	225	0.0	0.75	1.0	0.0	0.798	1.0	50.1	−37.9	−46.8	60.4	231	0.0	0.75	1.0			
229	226	232	0.0	0.816	1.0	50.3	−39.1	−45.0	59.8	229	0.0	0.843	1.0	50.6	−40.7	−42.2	58.8	226	0.0	0.733	1.0	0.0	0.789	1.0	50.0	−37.3	−47.7	60.7	232	0.0	0.733	1.0			
230	227	232	0.0	0.807	1.0	50.2	−38.5	−45.9	60.1	230	0.0	0.834	1.0	50.5	−40.2	−43.1	59.1	227	0.0	0.717	1.0	0.0	0.789	1.0	50.0	−37.3	−47.7	60.7	232	0.0	0.717	1.0			
231	228	233	0.0	0.798	1.0	50.1	−37.9	−46.8	60.4	231	0.0	0.825	1.0	50.4	−39.7	−44.1	59.4	228	0.0	0.7	1.0	0.0	0.78	1.0	49.9	−36.6	−48.6	61.0	233	0.0	0.7	1.0			
232	229	234	0.0	0.789	1.0	50.0	−37.3	−47.7	60.7	232	0.0	0.816	1.0	50.3	−39.1	−45.0	59.8	229	0.0	0.683	1.0	0.0	0.771	1.0	49.8	−36.0	−49.5	61.4	234	0.0	0.683	1.0			
233	230	235	0.0	0.78	1.0	49.9	−36.6	−48.6	61.0	233	0.0	0.807	1.0	50.2	−38.5	−45.9	60.1	230	0.0	0.667	1.0	0.0	0.762	1.0	49.7	−35.3	−50.4	61.7	235	0.0	0.667	1.0			
234	231	236	0.0	0.771	1.0	49.8	−36.0	−49.5	61.4	234	0.0	0.798	1.0	50.1	−37.9	−46.8	60.4	231	0.0	0.65	1.0	0.0	0.753	1.0	49.6	−34.6	−51.3	62.0	236	0.0	0.65	1.0			
235	232	237	0.0	0.762	1.0	49.7	−35.3	−50.4	61.7	235	0.0	0.789	1.0	50.0	−37.3	−47.7	60.7	232	0.0	0.633	1.0	0.0	0.735	1.0	49.2	−33.5	−51.6	61.7	237	0.0	0.633	1.0			
236	233	238	0.0	0.753	1.0	49.6	−34.6	−51.3	62.0	236	0.0	0.78	1.0	49.9	−36.6	−48.6	61.0	233	0.0	0.617	1.0	0.0	0.712	1.0	48.6	−32.2	−51.6	61.0	238	0.0	0.617	1.0			
237	234	239	0.0	0.735	1.0	49.2	−33.5	−51.6	61.7	237	0.0	0.771	1.0	49.8	−36.0	−49.5	61.4	234	0.0	0.6	1.0	0.0	0.688	1.0	48.1	−30.9	−51.6	60.3	239	0.0	0.6	1.0			
238	235	240	0.0	0.712	1.0	48.6	−32.2	−51.6	61.0	238	0.0	0.762	1.0	49.7	−35.3	−50.4	61.7	235	0.0	0.583	1.0	0.0	0.664	1.0	47.5	−29.7	−51.5	59.6	240	0.0	0.583	1.0			
239	236	241	0.0	0.688	1.0	48.1	−30.9	−51.6	60.3	239	0.0	0.753	1.0	49.6	−34.6	−51.3	62.0	236	0.0	0.567	1.0	0.0	0.64	1.0	46.9	−28.4	−51.4	58.9	241	0.0	0.567	1.0			
240	237	242	0.0	0.664	1.0	47.5	−29.7	−51.5	59.6	240	0.0	0.735	1.0	49.2	−33.5	−51.6	61.7	237	0.0	0.55	1.0	0.0	0.614	1.0	46.3	−27.2	−51.3	58.2	242	0.0	0.55	1.0			
241	238	243	0.0	0.64	1.0	46.9	−28.4	−51.4	58.9	241	0.0	0.712	1.0	48.6	−32.2	−51.6	61.0	238	0.0	0.533	1.0	0.0	0.584	1.0	45.7	−26.1	−51.3	57.7	243	0.0	0.533	1.0			
242	239	243	0.0	0.614	1.0	46.3	−27.2	−51.3	58.2	242	0.0	0.688	1.0	48.1	−30.9	−51.6	60.3	239	0.0	0.517	1.0	0.0	0.584	1.0	45.7	−26.1	−51.3	57.7	243	0.0	0.517	1.0			
243	240	244	0.0	0.584	1.0	45.7	−26.1	−51.3	57.7	243	0.0	0.664	1.0	47.5	−29.7	−51.5	59.6	240	0.0	0.5	1.0	0.0	0.554	1.0	45.1	−24.9	−51.2	57.1	244	0.0	0.5	1.0			
244	241	245	0.0	0.554	1.0	45.1	−24.9	−51.2	57.1	244	0.0	0.64	1.0	46.9	−28.4	−51.4	58.9	241	0.0	0.483	1.0	0.0	0.524	1.0	44.4	−23.8	−51.2	56.6	245	0.0	0.483	1.0			
245	242	246	0.0	0.524	1.0	44.4	−23.8	−51.2	56.6	245	0.0	0.614	1.0	46.3	−27.2	−51.3	58.2	242	0.0	0.467	1.0	0.0	0.494	1.0	43.8	−22.7	−51.1	56.0	246	0.0	0.467	1.0			
246	243	247	0.0	0.494	1.0	43.8	−22.7	−51.1	56.0	246	0.0	0.584	1.0	45.7	−26.1	−51.3	57.7	243	0.0	0.45	1.0	0.0	0.463	1.0	43.2	−21.6	−51.0	55.5	247	0.0	0.45	1.0			
247	244	248	0.0	0.463	1.0	43.2	−21.6	−51.0	55.5	247	0.0	0.554	1.0	45.1	−24.9	−51.2	57.1	244	0.0	0.433	1.0	0.0	0.432	1.0	42.7	−20.5	−50.9	55.1	248	0.0	0.433	1.0			
248	245	249	0.0	0.432	1.0	42.7	−20.5	−50.9	55.1	248	0.0	0.524	1.0	44.4	−23.8	−51.2	56.6	245	0.0	0.417	1.0	0.0	0.4	1.0	42.1	−19.5	−50.8	54.6	249	0.0	0.417	1.0			
249	246	250	0.0	0.4	1.0	42.1	−19.5	−50.8	54.6	249	0.0	0.494	1.0	43.8	−22.7	−51.1	56.0	246	0.0	0.4	1.0	0.0	0.37	1.0	41.5	−18.4	−50.7	54.1	250	0.0	0.4	1.0			
250	247	251	0.0	0.37	1.0	41.5	−18.4	−50.7	54.1	250	0.0	0.463	1.0	43.2	−21.6	−51.0	55.5	247	0.0	0.383	1.0	0.0	0.341	1.0	41.1	−17.4	−50.7	53.7	251	0.0	0.383	1.0			
251	248	252	0.0	0.341	1.0	41.1	−17.4	−50.7	53.7	251	0.0	0.432	1.0	42.7	−20.5	−50.9	55.1	248	0.0	0.367	1.0	0.0	0.313	1.0	40.7	−16.4	−50.6	53.3	252	0.0	0.367	1.0			
252	249	253	0.0	0.313	1.0	40.7	−16.4	−50.6	53.3	252	0.0	0.4	1.0	42.1	−19.5	−50.8	54.6	249	0.0	0.35	1.0	0.0	0.284	1.0	40.3	−15.3	−50.4	52.8	253	0.0	0.35	1.0			
253	250	253	0.0	0.284	1.0	40.3	−15.3	−50.4	52.8	253	0.0	0.37	1.0	41.5	−18.4	−50.7	54.1	250	0.0	0.333	1.0	0.0	0.284	1.0	40.3	−15.3	−50.4	52.8	253	0.0	0.333	1.0			
254	251	254	0.0	0.256	1.0	39.9	−14.3	−50.3	52.4	254	0.0	0.341	1.0	41.1	−17.4	−50.7	53.7	251	0.0	0.317	1.0	0.0	0.256	1.0	39.9	−14.3	−50.3	52.4	254	0.0	0.317	1.0			
255	252	255	0.0	0.207	1.0	39.4	−13.4	−50.1	52.0	255	0.0	0.313	1.0	40.7	−16.4	−50.6	53.3	252	0.0	0.3	1.0	0.0	0.207	1.0	39.4	−13.4	−50.1	52.0	255	0.0	0.3	1.0			
256	253	256	0.0	0.152	1.0	38.8	−12.4	−49.9	51.6	256 B_d	0.0	0.284	1.0	40.3	−15.3	−50.4	52.8	253	0.0	0.283	1.0	0.0	0.152	1.0	38.8	−12.4	−49.9	51.6	256	0.0	0.283	1.0			
257	254	257	0.139	0.0	1.0	37.9	−11.4	−49.8	51.2	257	0.0	0.256	1.0	39.9	−14.3	−50.3	52.4	254	0.0	0.267	1.0	0.139	0.0	1.0	37.9	−11.4	−49.8	51.2	257	0.0	0.267	1.0			
258	255	258	0.213	0.0	1.0	37.7	−10.5	−49.7	50.9	258	0.0	0.207	1.0	39.4	−13.4	−50.1	52.0	255	0.0	0.25	1.0	0.213	0.0	1.0	37.7	−10.5	−49.7	50.9	258	0.0	0.25	1.0			

Daten der Maximalfarbe M im Farbmetrik-Sytem Laserdrucker HRS18_96; ohne Separation, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *s:* $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *d:* $h_{ab,d}$ = 33.3, 96.7, 144.4, 208.3, 256.5, 354.0; Sechs Bunttonwinkel der Elementarfarben *e:* $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	rgb^*dd361Mi			LAB^*dd361Mix (x=LabCh)				rgb^*ds361Mi			LAB^*ds361Mix (x=LabCh)				rgb^*s50M			rgb^*de361Mi			LAB^*de361Mix (x=LabCh)				rgb^*e50M			rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
258	255	258	0.213	0.0	1.0	37.7	−10.5	−49.7	50.9	258	0.0	0.207	1.0	39.4	−13.4	−50.1	52.0	255	0.0	0.25	1.0	0.213	0.0	1.0	37.7	−10.5	−49.7	50.9	258	0.0	0.25	1.0			
259	256	259	0.275	0.0	1.0	37.3	−9.6	−50.0	51.0	259	0.0	0.152	1.0	38.8	−12.4	−49.9	51.6	256	0.0	0.233	1.0	0.275	0.0	1.0	37.3	−9.6	−50.0	51.0	259	0.0	0.233	1.0			
260	257	260	0.325	0.0	1.0	36.7	−8.8	−50.4	51.3	260	0.139	0.0	1.0	37.9	−11.4	−49.8	51.2	257	0.0	0.217	1.0	0.325	0.0	1.0	36.7	−8.8	−50.4	51.3	260	0.0	0.217	1.0			
261	258	261	0.374	0.0	1.0	36.0	−8.0	−50.9	51.6	261	0.213	0.0	1.0	37.7	−10.5	−49.7	50.9	258	0.0	0.2	1.0	0.374	0.0	1.0	36.0	−8.0	−50.9	51.6	261	0.0	0.2	1.0			
262	259	262	0.386	0.0	1.0	35.9	−7.0	−50.7	51.3	262	0.275	0.0	1.0	37.3	−9.6	−50.0	51.0	259	0.0	0.183	1.0	0.386	0.0	1.0	35.9	−7.0	−50.7	51.3	262	0.0	0.183	1.0			
263	260	263	0.397	0.0	1.0	35.8	−6.1	−50.5	51.0	263	0.325	0.0	1.0	36.7	−8.8	−50.4	51.3	260	0.0	0.167	1.0	0.397	0.0	1.0	35.8	−6.1	−50.5	51.0	263	0.0	0.167	1.0			
264	261	264	0.409	0.0	1.0	35.8	−5.2	−50.3	50.7	264	0.374	0.0	1.0	36.0	−8.0	−50.9	51.6	261	0.0	0.15	1.0	0.409	0.0	1.0	35.8	−5.2	−50.3	50.7	264	0.0	0.15	1.0			
265	262	264	0.42	0.0	1.0	35.7	−4.3	−50.0	50.3	265	0.386	0.0	1.0	35.9	−7.0	−50.7	51.3	262	0.0	0.133	1.0	0.409	0.0	1.0	35.8	−5.2	−50.3	50.7	264	0.0	0.133	1.0			
266	263	265	0.431	0.0	1.0	35.6	−3.4	−49.8	50.0	266	0.397	0.0	1.0	35.8	−6.1	−50.5	51.0	263	0.0	0.117	1.0	0.42	0.0	1.0	35.7	−4.3	−50.0	50.3	265	0.0	0.117	1.0			
267	264	266	0.442	0.0	1.0	35.5	−2.5	−49.5	49.7	267	0.409	0.0	1.0	35.8	−5.2	−50.3	50.7	264	0.0	0.1	1.0	0.431	0.0	1.0	35.6	−3.4	−49.8	50.0	266	0.0	0.1	1.0			
268	265	267	0.454	0.0	1.0	35.5	−1.6	−49.2	49.4	268	0.42	0.0	1.0	35.7	−4.3	−50.0	50.3	265	0.0	0.083	1.0	0.442	0.0	1.0	35.5	−2.5	−49.5	49.7	267	0.0	0.083	1.0			
269	266	268	0.465	0.0	1.0	35.4	−0.8	−48.9	49.0	269	0.431	0.0	1.0	35.6	−3.4	−49.8	50.0	266	0.0	0.067	1.0	0.454	0.0	1.0	35.5	−1.6	−49.2	49.4	268	0.0	0.067	1.0			
270	267	269	0.476	0.0	1.0	35.3	0.0	−48.6	48.7	270	0.442	0.0	1.0	35.5	−2.5	−49.5	49.7	267	0.0	0.05	1.0	0.465	0.0	1.0	35.4	−0.8	−48.9	49.0	269	0.0	0.05	1.0			
271	268	270	0.487	0.0	1.0	35.3	0.8	−48.3	48.4	271	0.454	0.0	1.0	35.5	−1.6	−49.2	49.4	268	0.0	0.033	1.0	0.476	0.0	1.0	35.3	0.0	−48.6	48.7	270	0.0	0.033	1.0			
272	269	271	0.499	0.0	1.0	35.2	1.7	−47.9	48.0	272	0.465	0.0	1.0	35.4	−0.8	−48.9	49.0	269	0.0	0.017	1.0	0.487	0.0	1.0	35.3	0.8	−48.3	48.4	271	0.0	0.017	1.0			
273	270	272	0.505	0.0	1.0	35.2	2.5	−47.7	47.9	273	0.476	0.0	1.0	35.3	0.0	−48.6	48.7	270	0.0	0.0	1.0 B_s	0.499	0.0	1.0	35.2	1.7	−47.9	48.0	272	0.0	0.0	1.0 B_e			
274	271	273	0.512	0.0	1.0	35.3	3.3	−47.5	47.7	274	0.487	0.0	1.0	35.3	0.8	−48.3	48.4	271	0.017	0.0	1.0	0.505	0.0	1.0	35.2	2.5	−47.7	47.9	273	0.017	0.0	1.0			
275	272	274	0.518	0.0	1.0	35.3	4.1	−47.3	47.6	275	0.499	0.0	1.0	35.2	1.7	−47.9	48.0	272	0.033	0.0	1.0	0.512	0.0	1.0	35.3	3.3	−47.5	47.7	274	0.033	0.0	1.0			
276	273	275	0.524	0.0	1.0	35.4	5.0	−47.1	47.4	276	0.505	0.0	1.0	35.2	2.5	−47.7	47.9	273	0.05	0.0	1.0	0.518	0.0	1.0	35.3	4.1	−47.3	47.6	275	0.05	0.0	1.0			
277	274	276	0.53	0.0	1.0	35.5	5.8	−46.8	47.3	277	0.512	0.0	1.0	35.3	3.3	−47.5	47.7	274	0.067	0.0	1.0	0.524	0.0	1.0	35.4	5.0	−47.1	47.4	276	0.067	0.0	1.0			
278	275	276	0.537	0.0	1.0	35.5	6.6	−46.6	47.1	278	0.518	0.0	1.0	35.3	4.1	−47.3	47.6	275	0.083	0.0	1.0	0.524	0.0	1.0	35.4	5.0	−47.1	47.4	276	0.083	0.0	1.0			
279	276	277	0.543	0.0	1.0	35.6	7.3	−46.3	47.0	279	0.524	0.0	1.0	35.4	5.0	−47.1	47.4	276	0.1	0.0	1.0	0.53	0.0	1.0	35.5	5.8	−46.8	47.3	277	0.1	0.0	1.0			
280	277	278	0.549	0.0	1.0	35.6	8.1	−46.0	46.8	280	0.53	0.0	1.0	35.5	5.8	−46.8	47.3	277	0.117	0.0	1.0	0.537	0.0	1.0	35.5	6.6	−46.6	47.1	278	0.117	0.0	1.0			
281	278	279	0.555	0.0	1.0	35.7	8.9	−45.7	46.7	281	0.537	0.0	1.0	35.5	6.6	−46.6	47.1	278	0.133	0.0	1.0	0.543	0.0	1.0	35.6	7.3	−46.3	47.0	279	0.133	0.0	1.0			
282	279	280	0.562	0.0	1.0	35.8	9.7	−45.4	46.5	282	0.543	0.0	1.0	35.6	7.3	−46.3	47.0	279	0.15	0.0	1.0	0.549	0.0	1.0	35.6	8.1	−46.0	46.8	280	0.15	0.0	1.0			
283	280	281	0.568	0.0	1.0	35.8	10.4	−45.1	46.4	283	0.549	0.0	1.0	35.6	8.1	−46.0	46.8	280	0.167	0.0	1.0	0.555	0.0	1.0	35.7	8.9	−45.7	46.7	281	0.167	0.0	1.0			
284	281	282	0.574	0.0	1.0	35.9	11.2	−44.7	46.2	284	0.555	0.0	1.0	35.7	8.9	−45.7	46.7	281	0.183	0.0	1.0	0.562	0.0	1.0	35.8	9.7	−45.4	46.5	282	0.183	0.0	1.0			
285	282	283	0.58	0.0	1.0	35.9	11.9	−44.4	46.1	285	0.562	0.0	1.0	35.8	9.7	−45.4	46.5	282	0.2	0.0	1.0	0.568	0.0	1.0	35.8	10.4	−45.1	46.4	283	0.2	0.0	1.0			
286	283	284	0.586	0.0	1.0	36.0	12.7	−44.0	45.9	286	0.568	0.0	1.0	35.8	10.4	−45.1	46.4	283	0.217	0.0	1.0	0.574	0.0	1.0	35.9	11.2	−44.7	46.2	284	0.217	0.0	1.0			
287	284	285	0.593	0.0	1.0	36.1	13.4	−43.7	45.8	287	0.574	0.0	1.0	35.9	11.2	−44.7	46.2	284	0.233	0.0	1.0	0.58	0.0	1.0	35.9	11.9	−44.4	46.1	285	0.233	0.0	1.0			
288	285	286	0.599	0.0	1.0	36.1	14.1	−43.3	45.6	288	0.58	0.0	1.0	35.9	11.9	−44.4	46.1	285	0.25	0.0	1.0	0.586	0.0	1.0	36.0	12.7	−44.0	45.9	286	0.25	0.0	1.0			
289	286	287	0.605	0.0	1.0	36.2	14.8	−42.9	45.5	289	0.586	0.0	1.0	36.0	12.7	−44.0	45.9	286	0.267	0.0	1.0	0.593	0.0	1.0	36.1	13.4	−43.7	45.8	287	0.267	0.0	1.0			
290	287	288	0.611	0.0	1.0	36.2	15.5	−42.5	45.3	290	0.593	0.0	1.0	36.1	13.4	−43.7	45.8	287	0.283	0.0	1.0	0.599	0.0	1.0	36.1	14.1	−43.3	45.6	288	0.283	0.0	1.0			
291	288	289	0.618	0.0	1.0	36.3	16.2	−42.1	45.2	291	0.599	0.0	1.0	36.1	14.1	−43.3	45.6	288	0.3	0.0	1.0	0.605	0.0	1.0	36.2	14.8	−42.9	45.5	289	0.3	0.0	1.0			
292	289	290	0.624	0.0	1.0	36.4	16.9	−41.6	45.0	292	0.605	0.0	1.0	36.2	14.8	−42.9	45.5	289	0.317	0.0	1.0	0.611	0.0	1.0	36.2	15.5	−42.5	45.3	290	0.317	0.0	1.0			
293	290	291	0.63	0.0	1.0	36.5	17.6	−41.4	45.1	293	0.611	0.0	1.0	36.2	15.5	−42.5	45.3	290	0.333	0.0	1.0	0.618	0.0	1.0	36.3	16.2	−42.1	45.2	291	0.333	0.0	1.0			
294	291	292	0.635	0.0	1.0	36.6	18.4	−41.3	45.3	294	0.618	0.0	1.0	36.3	16.2	−42.1	45.2	291	0.35	0.0	1.0	0.624	0.0	1.0	36.4	16.9	−41.6	45.0	292	0.35	0.0	1.0			
295	292	293	0.641	0.0	1.0	36.7	19.2	−41.1	45.4	295	0.624	0.0	1.0	36.4	16.9	−41.6	45.0	292	0.367	0.0	1.0	0.63	0.0	1.0	36.5	17.6	−41.4	45.1	293	0.367	0.0	1.0			
296	293	294	0.646	0.0	1.0	36.8	20.0	−40.9	45.6	296	0.63	0.0	1.0	36.5	17.6	−41.4	45.1	293	0.383	0.0	1.0	0.635	0.0	1.0	36.6	18.4	−41.3	45.3	294	0.383	0.0	1.0			
297	294	294	0.652	0.0	1.0	37.0	20.8	−40.7	45.8	297	0.635	0.0	1.0	36.6	18.4	−41.3	45.3	294	0.4	0.0	1.0	0.635	0.0	1.0	36.6	18.4	−41.3	45.3	294	0.4	0.0	1.0			
298	295	295	0.657	0.0	1.0	37.1	21.6	−40.5	45.9	298	0.641	0.0	1.0	36.7	19.2	−41.1	45.4	295	0.417	0.0	1.0	0.641	0.0	1.0	36.7	19.2	−41.1	45.4	295	0.417	0.0	1.0			
299	296	296	0.663	0.0	1.0	37.2	22.3	−40.2	46.1	299	0.646	0.0	1.0	36.8	20.0	−40.9	45.6	296	0.433	0.0	1.0	0.646	0.0	1.0	36.8	20.0	−40.9	45.6	296	0.433	0.0	1.0			
300	297	297	0.668	0.0	1.0	37.3	23.1	−40.0	46.2	300	0.652	0.0	1.0	37.0	20.8	−40.7	45.8	297	0.45	0.0	1.0	0.652	0.0	1.0	37.0	20.8	−40.7	45.8	297	0.45	0.0	1.0			
301	298	298	0.674	0.0	1.0	37.4	23.9	−39.7	46.4	301	0.657	0.0	1.0	37.1	21.6	−40.5	45.9	298	0.467	0.0	1.0	0.657	0.0	1.0	37.1	21.6	−40.5	45.9	298	0.467	0.0	1.0			
302	299	299	0.679	0.0	1.0	37.6	24.7	−39.4	46.6	302	0.663	0.0	1.0	37.2	22.3	−40.2	46.1	299	0.483	0.0	1.0	0.663	0.0	1.0	37.2	22.3	−40.2	46.1	299	0.483	0.0	1.0			
303	300	300	0.685	0.0	1.0	37.7	25.5	−39.1	46.7	303	0.668	0.0	1.0	37.3	23.1	−40.0	46.2	300	0.5	0.0	1.0	0.668	0.0	1.0	37.3	23.1	−40.0	46.2	300	0.5	0.0	1.0			

Daten der Maximalfarbe M im Farbmetrik-Sytem Laserdrucker HRS18_96; ohne Separation, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *s:* $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *d:* $h_{ab,d}$ = 33.3, 96.7, 144.4, 208.3, 256.5, 354.0; Sechs Bunttonwinkel der Elementarfarben *e:* $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361Mi			*LAB**dd361Mix (x=LabCh)					*rgb**ds361Mi			*LAB**ds361Mix (x=LabCh)					*rgb**s50M			*rgb**de361Mi			*LAB**de361Mix (x=LabCh)					*rgb**e50M			*rgb**dd	*rgb**ds	*rgb**de
303	300	300	0.685	0.0	1.0	37.7	25.5	−39.1	46.7	303	0.668	0.0	1.0	37.3	23.1	−40.0	46.2	300	0.5	0.0	1.0	0.668	0.0	1.0	37.3	23.1	−40.0	46.2	300	0.5	0.0	1.0			
304	301	301	0.69	0.0	1.0	37.8	26.2	−38.8	46.9	304	0.674	0.0	1.0	37.4	23.9	−39.7	46.4	301	0.517	0.0	1.0	0.674	0.0	1.0	37.4	23.9	−39.7	46.4	301	0.517	0.0	1.0			
305	302	302	0.696	0.0	1.0	37.9	27.0	−38.4	47.1	305	0.679	0.0	1.0	37.6	24.7	−39.4	46.6	302	0.533	0.0	1.0	0.679	0.0	1.0	37.6	24.7	−39.4	46.6	302	0.533	0.0	1.0			
306	303	303	0.701	0.0	1.0	38.0	27.7	−38.1	47.2	306	0.685	0.0	1.0	37.7	25.5	−39.1	46.7	303	0.55	0.0	1.0	0.685	0.0	1.0	37.7	25.5	−39.1	46.7	303	0.55	0.0	1.0			
307	304	304	0.707	0.0	1.0	38.2	28.5	−37.7	47.4	307	0.69	0.0	1.0	37.8	26.2	−38.8	46.9	304	0.567	0.0	1.0	0.69	0.0	1.0	37.8	26.2	−38.8	46.9	304	0.567	0.0	1.0			
308	305	305	0.712	0.0	1.0	38.3	29.3	−37.4	47.5	308	0.696	0.0	1.0	37.9	27.0	−38.4	47.1	305	0.583	0.0	1.0	0.696	0.0	1.0	37.9	27.0	−38.4	47.1	305	0.583	0.0	1.0			
309	306	306	0.718	0.0	1.0	38.4	30.0	−37.0	47.7	309	0.701	0.0	1.0	38.0	27.7	−38.1	47.2	306	0.6	0.0	1.0	0.701	0.0	1.0	38.0	27.7	−38.1	47.2	306	0.6	0.0	1.0			
310	307	307	0.723	0.0	1.0	38.5	30.8	−36.6	47.9	310	0.707	0.0	1.0	38.2	28.5	−37.7	47.4	307	0.617	0.0	1.0	0.707	0.0	1.0	38.2	28.5	−37.7	47.4	307	0.617	0.0	1.0			
311	308	308	0.729	0.0	1.0	38.7	31.5	−36.1	48.0	311	0.712	0.0	1.0	38.3	29.3	−37.4	47.5	308	0.633	0.0	1.0	0.712	0.0	1.0	38.3	29.3	−37.4	47.5	308	0.633	0.0	1.0			
312	309	309	0.734	0.0	1.0	38.8	32.2	−35.7	48.2	312	0.718	0.0	1.0	38.4	30.0	−37.0	47.7	309	0.65	0.0	1.0	0.718	0.0	1.0	38.4	30.0	−37.0	47.7	309	0.65	0.0	1.0			
313	310	310	0.74	0.0	1.0	38.9	33.0	−35.2	48.3	313	0.723	0.0	1.0	38.5	30.8	−36.6	47.9	310	0.667	0.0	1.0	0.723	0.0	1.0	38.5	30.8	−36.6	47.9	310	0.667	0.0	1.0			
314	311	311	0.745	0.0	1.0	39.0	33.7	−34.8	48.5	314	0.729	0.0	1.0	38.7	31.5	−36.1	48.0	311	0.683	0.0	1.0	0.729	0.0	1.0	38.7	31.5	−36.1	48.0	311	0.683	0.0	1.0			
315	312	312	0.751	0.0	1.0	39.1	34.4	−34.3	48.7	315	0.734	0.0	1.0	38.8	32.2	−35.7	48.2	312	0.7	0.0	1.0	0.734	0.0	1.0	38.8	32.2	−35.7	48.2	312	0.7	0.0	1.0			
316	313	312	0.758	0.0	1.0	39.3	35.3	−34.0	49.1	316	0.74	0.0	1.0	38.9	33.0	−35.2	48.3	313	0.717	0.0	1.0	0.734	0.0	1.0	38.8	32.2	−35.7	48.2	312	0.717	0.0	1.0			
317	314	313	0.764	0.0	1.0	39.5	36.2	−33.6	49.5	317	0.745	0.0	1.0	39.0	33.7	−34.8	48.5	314	0.733	0.0	1.0	0.74	0.0	1.0	38.9	33.0	−35.2	48.3	313	0.733	0.0	1.0			
318	315	314	0.771	0.0	1.0	39.7	37.1	−33.3	49.9	318	0.751	0.0	1.0	39.1	34.4	−34.3	48.7	315	0.75	0.0	1.0	0.745	0.0	1.0	39.0	33.7	−34.8	48.5	314	0.75	0.0	1.0			
319	316	315	0.778	0.0	1.0	39.9	37.9	−32.9	50.3	319	0.758	0.0	1.0	39.3	35.3	−34.0	49.1	316	0.767	0.0	1.0	0.751	0.0	1.0	39.1	34.4	−34.3	48.7	315	0.767	0.0	1.0			
320	317	316	0.784	0.0	1.0	40.1	38.8	−32.5	50.6	320	0.764	0.0	1.0	39.5	36.2	−33.6	49.5	317	0.783	0.0	1.0	0.758	0.0	1.0	39.3	35.3	−34.0	49.1	316	0.783	0.0	1.0			
321	318	317	0.791	0.0	1.0	40.3	39.7	−32.0	51.0	321	0.771	0.0	1.0	39.7	37.1	−33.3	49.9	318	0.8	0.0	1.0	0.764	0.0	1.0	39.5	36.2	−33.6	49.5	317	0.8	0.0	1.0			
322	319	318	0.798	0.0	1.0	40.5	40.5	−31.6	51.4	322	0.778	0.0	1.0	39.9	37.9	−32.9	50.3	319	0.817	0.0	1.0	0.771	0.0	1.0	39.7	37.1	−33.3	49.9	318	0.817	0.0	1.0			
323	320	319	0.804	0.0	1.0	40.7	41.4	−31.1	51.8	323	0.784	0.0	1.0	40.1	38.8	−32.5	50.6	320	0.833	0.0	1.0	0.778	0.0	1.0	39.9	37.9	−32.9	50.3	319	0.833	0.0	1.0			
324	321	320	0.811	0.0	1.0	40.9	42.2	−30.6	52.2	324	0.791	0.0	1.0	40.3	39.7	−32.0	51.0	321	0.85	0.0	1.0	0.784	0.0	1.0	40.1	38.8	−32.5	50.6	320	0.85	0.0	1.0			
325	322	321	0.818	0.0	1.0	41.1	43.1	−30.1	52.6	325	0.798	0.0	1.0	40.5	40.5	−31.6	51.4	322	0.867	0.0	1.0	0.791	0.0	1.0	40.3	39.7	−32.0	51.0	321	0.867	0.0	1.0			
326	323	322	0.825	0.0	1.0	41.3	43.9	−29.5	53.0	326	0.804	0.0	1.0	40.7	41.4	−31.1	51.8	323	0.883	0.0	1.0	0.798	0.0	1.0	40.5	40.5	−31.6	51.4	322	0.883	0.0	1.0			
327	324	323	0.831	0.0	1.0	41.5	44.8	−29.0	53.4	327	0.811	0.0	1.0	40.9	42.2	−30.6	52.2	324	0.9	0.0	1.0	0.804	0.0	1.0	40.7	41.4	−31.1	51.8	323	0.9	0.0	1.0			
328	325	324	0.838	0.0	1.0	41.7	45.6	−28.4	53.8	328	0.818	0.0	1.0	41.1	43.1	−30.1	52.6	325	0.917	0.0	1.0	0.811	0.0	1.0	40.9	42.2	−30.6	52.2	324	0.917	0.0	1.0			
329	326	325	0.845	0.0	1.0	41.9	46.4	−27.8	54.2	329	0.825	0.0	1.0	41.3	43.9	−29.5	53.0	326	0.933	0.0	1.0	0.818	0.0	1.0	41.1	43.1	−30.1	52.6	325	0.933	0.0	1.0			
330	327	326	0.851	0.0	1.0	42.1	47.3	−27.2	54.6	330	0.831	0.0	1.0	41.5	44.8	−29.0	53.4	327	0.95	0.0	1.0	0.825	0.0	1.0	41.3	43.9	−29.5	53.0	326	0.95	0.0	1.0			
331	328	327	0.858	0.0	1.0	42.3	48.1	−26.5	55.0	331	0.838	0.0	1.0	41.7	45.6	−28.4	53.8	328	0.967	0.0	1.0	0.831	0.0	1.0	41.5	44.8	−29.0	53.4	327	0.967	0.0	1.0			
332	329	328	0.865	0.0	1.0	42.5	48.9	−25.9	55.4	332	0.845	0.0	1.0	41.9	46.4	−27.8	54.2	329	0.983	0.0	1.0	0.838	0.0	1.0	41.7	45.6	−28.4	53.8	328	0.983	0.0	1.0			
333	330	329	0.872	0.0	1.0	42.7	49.7	−25.2	55.8	333	0.851	0.0	1.0	42.1	47.3	−27.2	54.6	330	1.0	0.0	1.0 M_s	0.845	0.0	1.0	41.9	46.4	−27.8	54.2	329	1.0	0.0	1.0 M_e			
334	331	330	0.878	0.0	1.0	42.9	50.6	−24.6	56.4	334	0.858	0.0	1.0	42.3	48.1	−26.5	55.0	331	1.0	0.0	0.983	0.851	0.0	1.0	42.1	47.3	−27.2	54.6	330	1.0	0.0	0.983			
335	332	331	0.884	0.0	1.0	43.3	51.8	−24.1	57.2	335	0.865	0.0	1.0	42.5	48.9	−25.9	55.4	332	1.0	0.0	0.967	0.858	0.0	1.0	42.3	48.1	−26.5	55.0	331	1.0	0.0	0.967			
336	333	331	0.89	0.0	1.0	43.6	53.0	−23.5	58.0	336	0.872	0.0	1.0	42.7	49.7	−25.2	55.8	333	1.0	0.0	0.95	0.858	0.0	1.0	42.3	48.1	−26.5	55.0	331	1.0	0.0	0.95			
337	334	332	0.896	0.0	1.0	44.0	54.1	−22.9	58.8	337	0.878	0.0	1.0	42.9	50.6	−24.6	56.4	334	1.0	0.0	0.933	0.865	0.0	1.0	42.5	48.9	−25.9	55.4	332	1.0	0.0	0.933			
338	335	333	0.902	0.0	1.0	44.3	55.3	−22.2	59.6	338	0.884	0.0	1.0	43.3	51.8	−24.1	57.2	335	1.0	0.0	0.917	0.872	0.0	1.0	42.7	49.7	−25.2	55.8	333	1.0	0.0	0.917			
339	336	334	0.908	0.0	1.0	44.7	56.4	−21.6	60.4	339	0.89	0.0	1.0	43.6	53.0	−23.5	58.0	336	1.0	0.0	0.9	0.878	0.0	1.0	42.9	50.6	−24.6	56.4	334	1.0	0.0	0.9			
340	337	335	0.915	0.0	1.0	45.0	57.5	−20.8	61.2	340	0.896	0.0	1.0	44.0	54.1	−22.9	58.8	337	1.0	0.0	0.883	0.884	0.0	1.0	43.3	51.8	−24.1	57.2	335	1.0	0.0	0.883			
341	338	336	0.921	0.0	1.0	45.4	58.7	−20.1	62.1	341	0.902	0.0	1.0	44.3	55.3	−22.2	59.6	338	1.0	0.0	0.867	0.89	0.0	1.0	43.6	53.0	−23.5	58.0	336	1.0	0.0	0.867			
342	339	337	0.927	0.0	1.0	45.7	59.8	−19.3	62.9	342	0.908	0.0	1.0	44.7	56.4	−21.6	60.4	339	1.0	0.0	0.85	0.896	0.0	1.0	44.0	54.1	−22.9	58.8	337	1.0	0.0	0.85			
343	340	338	0.933	0.0	1.0	46.1	60.9	−18.5	63.7	343	0.915	0.0	1.0	45.0	57.5	−20.8	61.2	340	1.0	0.0	0.833	0.902	0.0	1.0	44.3	55.3	−22.2	59.6	338	1.0	0.0	0.833			
344	341	339	0.939	0.0	1.0	46.4	62.0	−17.7	64.5	344	0.921	0.0	1.0	45.4	58.7	−20.1	62.1	341	1.0	0.0	0.817	0.908	0.0	1.0	44.7	56.4	−21.6	60.4	339	1.0	0.0	0.817			
345	342	340	0.945	0.0	1.0	46.8	63.1	−16.8	65.3	345	0.927	0.0	1.0	45.7	59.8	−19.3	62.9	342	1.0	0.0	0.8	0.915	0.0	1.0	45.0	57.5	−20.8	61.2	340	1.0	0.0	0.8			
346	343	341	0.951	0.0	1.0	47.1	64.2	−15.9	66.1	346	0.933	0.0	1.0	46.1	60.9	−18.5	63.7	343	1.0	0.0	0.783	0.921	0.0	1.0	45.4	58.7	−20.1	62.1	341	1.0	0.0	0.783			
347	344	342	0.957	0.0	1.0	47.5	65.2	−15.0	66.9	347	0.939	0.0	1.0	46.4	62.0	−17.7	64.5	344	1.0	0.0	0.767	0.927	0.0	1.0	45.7	59.8	−19.3	62.9	342	1.0	0.0	0.767			
348	345	343	0.963	0.0	1.0	47.8	66.3	−14.0	67.8	348	0.945	0.0	1.0	46.8	63.1	−16.8	65.3	345	1.0	0.0	0.75	0.933	0.0	1.0	46.1	60.9	−18.5	63.7	343	1.0	0.0	0.75			

Daten der Maximalfarbe M im Farbmetrik-Sytem Laserdrucker HRS18_96; ohne Separation, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben *s:* $h_{ab,s}$ = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0; Sechs Bunttonwinkel der Gerätefarben *d:* $h_{ab,d}$ = 33.3, 96.7, 144.4, 208.3, 256.5, 354.0; Sechs Bunttonwinkel der Elementarfarben *e:* $h_{ab,e}$ = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6

$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	*rgb**dd361Mi			*LAB**dd361Mix (x=LabCh)					*rgb**ds361Mi			*LAB**ds361Mix (x=LabCh)					*rgb**s50M			*rgb**de361Mi			*LAB**de361Mix (x=LabCh)					*rgb**e50M			*rgb**dd	*rgb**ds	*rgb**de
348	345	343	0.963	0.0	1.0	47.8	66.3	−14.0	67.8	348	0.945	0.0	1.0	46.8	63.1	−16.8	65.3	345	1.0	0.0	0.75	0.933	0.0	1.0	46.1	60.9	−18.5	63.7	343	1.0	0.0	0.75			
349	346	344	0.969	0.0	1.0	48.2	67.3	−13.0	68.6	349	0.951	0.0	1.0	47.1	64.2	−15.9	66.1	346	1.0	0.0	0.733	0.939	0.0	1.0	46.4	62.0	−17.7	64.5	344	1.0	0.0	0.733			
350	347	345	0.975	0.0	1.0	48.5	68.3	−11.9	69.4	350	0.957	0.0	1.0	47.5	65.2	−15.0	66.9	347	1.0	0.0	0.717	0.945	0.0	1.0	46.8	63.1	−16.8	65.3	345	1.0	0.0	0.717			
351	348	346	0.982	0.0	1.0	48.9	69.3	−10.9	70.2	351	0.963	0.0	1.0	47.8	66.3	−14.0	67.8	348	1.0	0.0	0.7	0.951	0.0	1.0	47.1	64.2	−15.9	66.1	346	1.0	0.0	0.7			
352	349	347	0.988	0.0	1.0	49.2	70.3	−9.8	71.0	352	0.969	0.0	1.0	48.2	67.3	−13.0	68.6	349	1.0	0.0	0.683	0.957	0.0	1.0	47.5	65.2	−15.0	66.9	347	1.0	0.0	0.683			
353	350	348	0.994	0.0	1.0	49.6	71.3	−8.7	71.8	353	0.975	0.0	1.0	48.5	68.3	−11.9	69.4	350	1.0	0.0	0.667	0.963	0.0	1.0	47.8	66.3	−14.0	67.8	348	1.0	0.0	0.667			
354	351	349	1.0	0.0	1.0	49.9	72.2	−7.5	72.6	354 M_d	0.982	0.0	1.0	48.9	69.3	−10.9	70.2	351	1.0	0.0	0.65	0.969	0.0	1.0	48.2	67.3	−13.0	68.6	349	1.0	0.0	0.65			
355	352	349	1.0	0.0	0.97	50.0	73.2	−6.3	73.5	355	0.988	0.0	1.0	49.2	70.3	−9.8	71.0	352	1.0	0.0	0.633	0.969	0.0	1.0	48.2	67.3	−13.0	68.6	349	1.0	0.0	0.633			
356	353	350	1.0	0.0	0.938	50.0	74.1	−5.1	74.3	356	0.994	0.0	1.0	49.6	71.3	−8.7	71.8	353	1.0	0.0	0.617	0.975	0.0	1.0	48.5	68.3	−11.9	69.4	350	1.0	0.0	0.617			
357	354	351	1.0	0.0	0.907	50.1	75.0	−3.8	75.2	357	1.0	0.0	1.0	49.9	72.2	−7.5	72.6	354	1.0	0.0	0.6	0.982	0.0	1.0	48.9	69.3	−10.9	70.2	351	1.0	0.0	0.6			
358	355	352	1.0	0.0	0.876	50.1	75.9	−2.6	76.0	358	1.0	0.0	0.97	50.0	73.2	−6.3	73.5	355	1.0	0.0	0.583	0.988	0.0	1.0	49.2	70.3	−9.8	71.0	352	1.0	0.0	0.583			
359	356	353	1.0	0.0	0.849	50.1	75.7	−1.2	75.8	359	1.0	0.0	0.938	50.0	74.1	−5.1	74.3	356	1.0	0.0	0.567	0.994	0.0	1.0	49.6	71.3	−8.7	71.8	353	1.0	0.0	0.567			
0	357	354	1.0	0.0	0.822	50.0	75.5	0.0	75.5	0	1.0	0.0	0.907	50.1	75.0	−3.8	75.2	357	1.0	0.0	0.55	1.0	0.0	1.0	49.9	72.2	−7.5	72.6	354	1.0	0.0	0.55			
1	358	355	1.0	0.0	0.795	49.9	75.2	1.3	75.2	1	1.0	0.0	0.876	50.1	75.9	−2.6	76.0	358	1.0	0.0	0.533	1.0	0.0	0.97	50.0	73.2	−6.3	73.5	355	1.0	0.0	0.533			
2	359	356	1.0	0.0	0.768	49.9	75.0	2.6	75.0	2	1.0	0.0	0.849	50.1	75.7	−1.2	75.8	359	1.0	0.0	0.517	1.0	0.0	0.938	50.0	74.1	−5.1	74.3	356	1.0	0.0	0.517			
3	360	357	1.0	0.0	0.743	49.8	74.7	3.9	74.8	3	1.0	0.0	0.822	50.0	75.5	0.0	75.5	0	1.0	0.0	0.5	1.0	0.0	0.907	50.1	75.0	−3.8	75.2	357	1.0	0.0	0.5			
4	361	358	1.0	0.0	0.722	49.9	74.4	5.2	74.6	4	1.0	0.0	0.795	49.9	75.2	1.3	75.2	1	1.0	0.0	0.483	1.0	0.0	0.876	50.1	75.9	−2.6	76.0	358	1.0	0.0	0.483			
5	362	359	1.0	0.0	0.701	49.9	74.1	6.5	74.4	5	1.0	0.0	0.768	49.9	75.0	2.6	75.0	2	1.0	0.0	0.467	1.0	0.0	0.849	50.1	75.7	−1.2	75.8	359	1.0	0.0	0.467			
6	363	360	1.0	0.0	0.68	49.9	73.8	7.8	74.2	6	1.0	0.0	0.743	49.8	74.7	3.9	74.8	3	1.0	0.0	0.45	1.0	0.0	0.822	50.0	75.5	0.0	75.5	0	1.0	0.0	0.45			
7	364	361	1.0	0.0	0.659	50.0	73.4	9.0	74.0	7	1.0	0.0	0.722	49.9	74.4	5.2	74.6	4	1.0	0.0	0.433	1.0	0.0	0.795	49.9	75.2	1.3	75.2	1	1.0	0.0	0.433			
8	365	362	1.0	0.0	0.638	50.0	73.1	10.3	73.8	8	1.0	0.0	0.701	49.9	74.1	6.5	74.4	5	1.0	0.0	0.417	1.0	0.0	0.768	49.9	75.0	2.6	75.0	2	1.0	0.0	0.417			
9	366	363	1.0	0.0	0.615	50.0	72.7	11.5	73.6	9	1.0	0.0	0.68	49.9	73.8	7.8	74.2	6	1.0	0.0	0.4	1.0	0.0	0.743	49.8	74.7	3.9	74.8	3	1.0	0.0	0.4			
10	367	364	1.0	0.0	0.587	50.1	72.5	12.8	73.6	10	1.0	0.0	0.659	50.0	73.4	9.0	74.0	7	1.0	0.0	0.383	1.0	0.0	0.722	49.9	74.4	5.2	74.6	4	1.0	0.0	0.383			
11	368	365	1.0	0.0	0.559	50.1	72.2	14.0	73.6	11	1.0	0.0	0.638	50.0	73.1	10.3	73.8	8	1.0	0.0	0.367	1.0	0.0	0.701	49.9	74.1	6.5	74.4	5	1.0	0.0	0.367			
12	369	366	1.0	0.0	0.531	50.2	71.9	15.3	73.5	12	1.0	0.0	0.615	50.0	72.7	11.5	73.6	9	1.0	0.0	0.35	1.0	0.0	0.68	49.9	73.8	7.8	74.2	6	1.0	0.0	0.35			
13	370	367	1.0	0.0	0.503	50.2	71.6	16.5	73.5	13	1.0	0.0	0.587	50.1	72.5	12.8	73.6	10	1.0	0.0	0.333	1.0	0.0	0.659	50.0	73.4	9.0	74.0	7	1.0	0.0	0.333			
14	371	367	1.0	0.0	0.48	50.2	71.3	17.8	73.5	14	1.0	0.0	0.559	50.1	72.2	14.0	73.6	11	1.0	0.0	0.317	1.0	0.0	0.659	50.0	73.4	9.0	74.0	7	1.0	0.0	0.317			
15	372	368	1.0	0.0	0.457	50.1	71.1	19.0	73.6	15	1.0	0.0	0.531	50.2	71.9	15.3	73.5	12	1.0	0.0	0.3	1.0	0.0	0.638	50.0	73.1	10.3	73.8	8	1.0	0.0	0.3			
16	373	369	1.0	0.0	0.435	50.0	70.8	20.3	73.7	16	1.0	0.0	0.503	50.2	71.6	16.5	73.5	13	1.0	0.0	0.283	1.0	0.0	0.615	50.0	72.7	11.5	73.6	9	1.0	0.0	0.283			
17	374	370	1.0	0.0	0.412	50.0	70.5	21.6	73.7	17	1.0	0.0	0.48	50.2	71.3	17.8	73.5	14	1.0	0.0	0.267	1.0	0.0	0.587	50.1	72.5	12.8	73.6	10	1.0	0.0	0.267			
18	375	371	1.0	0.0	0.389	49.9	70.2	22.8	73.8	18	1.0	0.0	0.457	50.1	71.1	19.0	73.6	15	1.0	0.0	0.25	1.0	0.0	0.559	50.1	72.2	14.0	73.6	11	1.0	0.0	0.25			
19	376	372	1.0	0.0	0.368	49.9	69.9	24.1	73.9	19	1.0	0.0	0.435	50.0	70.8	20.3	73.7	16	1.0	0.0	0.233	1.0	0.0	0.531	50.2	71.9	15.3	73.5	12	1.0	0.0	0.233			
20	377	373	1.0	0.0	0.347	50.0	69.8	25.4	74.2	20	1.0	0.0	0.412	50.0	70.5	21.6	73.7	17	1.0	0.0	0.217	1.0	0.0	0.503	50.2	71.6	16.5	73.5	13	1.0	0.0	0.217			
21	378	374	1.0	0.0	0.327	50.0	69.6	26.7	74.5	21	1.0	0.0	0.389	49.9	70.2	22.8	73.8	18	1.0	0.0	0.2	1.0	0.0	0.48	50.2	71.3	17.8	73.5	14	1.0	0.0	0.2			
22	379	375	1.0	0.0	0.307	50.0	69.4	28.0	74.8	22	1.0	0.0	0.368	49.9	69.9	24.1	73.9	19	1.0	0.0	0.183	1.0	0.0	0.457	50.1	71.1	19.0	73.6	15	1.0	0.0	0.183			
23	380	376	1.0	0.0	0.287	50.1	69.1	29.3	75.1	23	1.0	0.0	0.347	50.0	69.8	25.4	74.2	20	1.0	0.0	0.167	1.0	0.0	0.435	50.0	70.8	20.3	73.7	16	1.0	0.0	0.167			
24	381	377	1.0	0.0	0.267	50.1	68.9	30.7	75.4	24	1.0	0.0	0.327	50.0	69.6	26.7	74.5	21	1.0	0.0	0.15	1.0	0.0	0.412	50.0	70.5	21.6	73.7	17	1.0	0.0	0.15			
25	382	378	1.0	0.0	0.246	50.1	68.7	32.0	75.8	25	1.0	0.0	0.307	50.0	69.4	28.0	74.8	22	1.0	0.0	0.133	1.0	0.0	0.389	49.9	70.2	22.8	73.8	18	1.0	0.0	0.133			
26	383	379	1.0	0.0	0.223	50.2	68.6	33.5	76.4	26	1.0	0.0	0.287	50.1	69.1	29.3	75.1	23	1.0	0.0	0.117	1.0	0.0	0.368	49.9	69.9	24.1	73.9	19	1.0	0.0	0.117			
27	384	380	1.0	0.0	0.2	50.2	68.6	35.0	77.0	27	1.0	0.0	0.267	50.1	68.9	30.7	75.4	24	1.0	0.0	0.1	1.0	0.0	0.347	50.0	69.8	25.4	74.2	20	1.0	0.0	0.1			
28	385	381	1.0	0.0	0.177	50.2	68.5	36.4	77.6	28	1.0	0.0	0.246	50.1	68.7	32.0	75.8	25	1.0	0.0	0.083	1.0	0.0	0.327	50.0	69.6	26.7	74.5	21	1.0	0.0	0.083			
29	386	382	1.0	0.0	0.154	50.3	68.4	37.9	78.3	29	1.0	0.0	0.223	50.2	68.6	33.5	76.4	26	1.0	0.0	0.067	1.0	0.0	0.307	50.0	69.4	28.0	74.8	22	1.0	0.0	0.067			
30	387	383	1.0	0.0	0.13	50.3	68.3	39.4	78.9	30	1.0	0.0	0.2	50.2	68.6	35.0	77.0	27	1.0	0.0	0.05	1.0	0.0	0.287	50.1	69.1	29.3	75.1	23	1.0	0.0	0.05			
31	388	384	1.0	0.0	0.094	50.3	68.3	41.0	79.6	31	1.0	0.0	0.177	50.2	68.5	36.4	77.6	28	1.0	0.0	0.033	1.0	0.0	0.267	50.1	68.9	30.7	75.4	24	1.0	0.0	0.033			
32	389	385	1.0	0.0	0.053	50.3	68.2	42.6	80.4	32	1.0	0.0	0.154	50.3	68.4	37.9	78.3	29	1.0	0.0	0.017	1.0	0.0	0.246	50.1	68.7	32.0	75.8	25	1.0	0.0	0.017			
33	390	385	1.0	0.0	0.013	50.2	68.1	44.2	81.2	33 R_d	1.0	0.0	0.13	50.3	68.3	39.4	78.9	30	1.0	0.0	0.0 R_s	1.0	0.0	0.246	50.1	68.7	32.0	75.8	25	1.0	0.0	0.0 R_e			