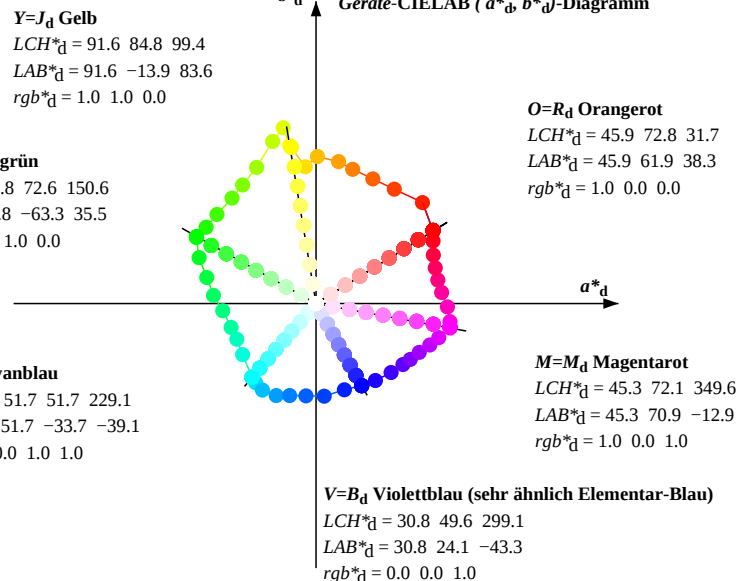
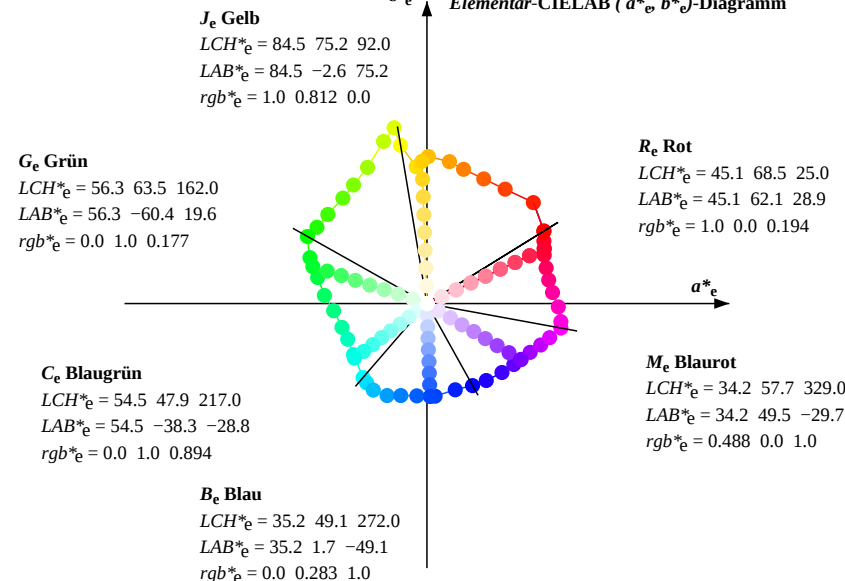


Daten der Maximalfarbe M im Farbmatrik-Sytem Laserdrucker mit Separation cmyn62*, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
Sechs Bunttonwinkel der Gerätefarben d: $h_{ab,d} = 31.8, 99.5, 150.7, 229.2, 299.1, 349.6$; Sechs Bunttonwinkel der Elementarfarben e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

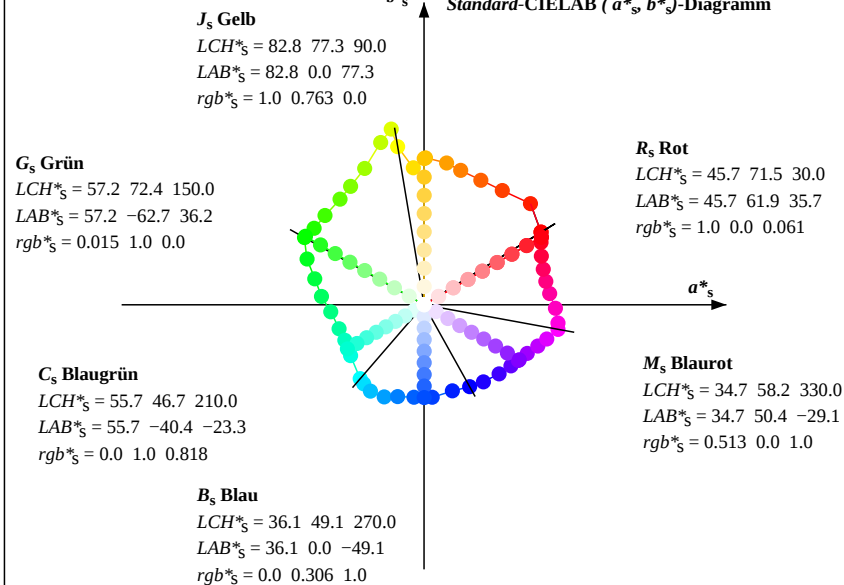
Geräte-CIELAB (a^*_d, b^*_d)-Diagramm



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



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



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

- Für die rgb^*_d -Eingabedaten wurden die CIELAB-Daten LCH^*_d und LAB^*_d gemessen.
$$h_{ab,s} \text{ } rgb^*_d = atan [r^*_d \cos(30) + g^*_d \cos(150)] / [r^*_d \sin(30) + g^*_d \sin(150) + b^*_d \sin(270)] \quad (1)$$
- Für die 48 oder 360 gleichabständig gestuften Standard-Buntonwinkel $h_{ab,s}$ der Farben von maximaler Buntheit benutze die sieben Buntonwinkel 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 Buntonkreis:
$$h_{48ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$
$$h_{360ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (3)$$
- Für die 48 oder 360 Elementar-Buntonwinkel $h_{ab,e}$ der Farben von maximaler Buntheit benutze die sieben Buntonwinkel 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-Buntonkreis:
$$h_{48ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$
$$h_{360ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (5)$$
- Für jeden Elementar-Buntonwinkel $h_{ab,e}$ gibt es einem genau definierten Geräte-Buntonwinkel $h_{ab,d}$ siehe die folgenden Tabellen, Spalten 1 bis 3.
- Die Werte rgb^*_d erzeugen die Ausgabe der geräteunabhängigen Elementar-Bunttöne

Siehe Original/Kopie: <http://web.me.com/klaus.richter/OG33/OG33L0NP.PDF> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker mit Separation cmyn62*, 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: $h_{ab,d} = 31.8, 99.5, 150.7, 229.2, 299.1, 349.6$; 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}				
31.8	30.0	25.5	1.0	0.0	0.0	46.0	61.9	38.4	72.8	31.8	1.0	0.0	0.061	45.7	62.0	35.8	71.5	30	1.0	0.0	0.0	1.0	0.0	0.195	45.2	62.1	29.0	68.6	25	1.0	0.0	0.0										
43.5	37.5	33.8	1.0	0.125	0.0	52.4	56.4	53.5	77.7	43.5	1.0	0.066	0.0	49.4	59.4	46.4	75.4	38	1.0	0.125	0.0	1.0	0.024	0.0	47.2	61.1	41.2	73.8	34	1.0	0.125	0.0										
55.7	45.0	42.2	1.0	0.25	0.0	59.9	41.3	60.5	73.3	55.7	1.0	0.14	0.0	53.3	54.6	54.6	77.2	45	1.0	0.25	0.0	1.0	0.109	0.0	51.5	57.3	51.6	77.1	42	1.0	0.25	0.0										
65.5	52.5	50.5	1.0	0.375	0.0	65.8	30.1	66.0	72.5	65.5	1.0	0.223	0.0	58.2	44.7	59.3	74.2	53	1.0	0.375	0.0	1.0	0.202	0.0	57.0	47.2	58.3	75.0	51	1.0	0.375	0.0										
74.8	60.0	58.9	1.0	0.5	0.0	71.6	19.3	71.1	73.7	74.8	1.0	0.305	0.0	62.5	36.5	63.2	72.9	60	1.0	0.5	0.0	1.0	0.292	0.0	61.9	37.6	62.6	73.0	59	1.0	0.5	0.0										
81.0	67.5	67.2	1.0	0.625	0.0	75.7	11.9	75.0	76.0	81.0	1.0	0.409	0.0	67.4	27.3	67.5	72.8	68	1.0	0.625	0.0	1.0	0.395	0.0	66.7	28.4	66.9	72.7	67	1.0	0.625	0.0										
89.5	75.0	75.6	1.0	0.75	0.0	82.4	0.7	77.8	77.8	89.5	1.0	0.504	0.0	71.7	19.1	71.2	73.7	75	1.0	0.75	0.0	1.0	0.524	0.0	72.4	17.9	71.9	74.1	76	1.0	0.75	0.0										
94.5	82.5	84.0	1.0	0.875	0.0	86.7	-5.7	72.5	72.7	94.5	1.0	0.655	0.0	77.3	9.3	75.8	76.4	83	1.0	0.875	0.0	1.0	0.67	0.0	78.1	8.0	76.2	76.6	84	1.0	0.875	0.0										
99.5	90.0	92.3	1.0	1.0	0.0	91.6	-13.8	83.7	84.8	99.5	1.0	0.763	0.0	82.9	0.0	77.3	77.3	90	1.0	1.0	0.0	1.0	0.812	0.0	84.5	-2.5	75.2	75.3	92	1.0	1.0	0.0										
100.6	97.5	101.1	0.875	1.0	0.0	93.5	-17.3	93.0	94.6	100.6	1.0	0.963	0.0	90.1	-11.2	80.4	81.2	98	0.875	1.0	0.0	0.864	1.0	0.0	93.0	-17.9	92.4	94.1	101	0.875	1.0	0.0										
105.0	105.0	109.8	0.75	1.0	0.0	88.4	-22.9	85.8	88.8	105.0	0.751	1.0	0.0	88.4	-22.9	85.8	88.9	105	0.75	1.0	0.0	0.677	1.0	0.0	83.6	-28.3	77.9	82.9	110	0.75	1.0	0.0										
113.6	112.5	118.5	0.625	1.0	0.0	80.2	-31.3	72.1	78.7	113.6	0.633	1.0	0.0	80.7	-30.9	73.0	79.3	113	0.625	1.0	0.0	0.542	1.0	0.0	75.8	-36.5	66.0	75.4	119	0.625	1.0	0.0										
121.8	120.0	127.3	0.5	1.0	0.0	73.5	-38.8	62.7	73.8	121.8	0.527	1.0	0.0	75.0	-37.3	64.8	74.8	120	0.5	1.0	0.0	0.403	1.0	0.0	70.0	-43.2	57.4	71.9	127	0.5	1.0	0.0										
128.5	127.5	136.0	0.375	1.0	0.0	69.0	-44.4	55.9	71.4	128.5	0.385	1.0	0.0	69.3	-44.0	56.4	71.6	128	0.375	1.0	0.0	0.276	1.0	0.0	65.0	-50.7	49.1	70.7	136	0.375	1.0	0.0										
138.0	135.0	144.7	0.25	1.0	0.0	63.9	-52.3	47.2	70.5	138.0	0.289	1.0	0.0	65.5	-50.0	50.1	70.8	135	0.25	1.0	0.0	0.128	1.0	0.0	60.1	-57.9	40.6	70.8	145	0.25	1.0	0.0										
145.2	142.5	153.5	0.125	1.0	0.0	60.0	-58.0	40.4	70.8	145.2	0.163	1.0	0.0	61.2	-56.4	42.6	70.7	143	0.125	1.0	0.0	0.0	1.0	0.037	56.7	-63.0	32.2	70.9	153	0.125	1.0	0.0										
150.7	150.0	162.2	0.0	1.0	0.0	56.9	-63.2	35.6	72.6	150.7	0.015	1.0	0.0	57.3	-62.6	36.2	72.4	150	0.0	1.0	0.0	0.0	1.0	0.178	56.3	-60.3	19.6	63.5	162	0.0	1.0	0.0										
158.6	157.5	169.1	0.0	1.0	0.125	56.2	-61.9	24.3	66.6	158.6	0.0	1.0	0.115	56.3	-62.1	25.1	67.0	158	0.0	1.0	0.125	0.0	1.0	0.284	56.6	-56.8	11.1	58.0	169	0.0	1.0	0.125										
166.6	165.0	175.9	0.0	1.0	0.25	56.5	-57.6	13.7	59.3	166.6	0.0	1.0	0.225	56.4	-58.6	15.7	60.8	165	0.0	1.0	0.25	0.0	1.0	0.384	56.8	-53.8	3.8	54.1	176	0.0	1.0	0.25										
175.4	172.5	182.8	0.0	1.0	0.375	56.8	-54.1	4.4	54.4	175.4	0.0	1.0	0.341	56.7	-55.2	6.8	55.8	173	0.0	1.0	0.375	0.0	1.0	0.481	57.3	-50.1	-2.5	50.2	183	0.0	1.0	0.375										
184.4	180.0	189.6	0.0	1.0	0.5	57.4	-49.2	-3.7	49.5	184.4	0.0	1.0	0.439	57.1	-51.8	0.0	51.9	180	0.0	1.0	0.5	0.0	1.0	0.562	57.3	-47.2	-8.2	48.1	190	0.0	1.0	0.5										
195.7	187.5	196.4	0.0	1.0	0.625	57.3	-44.8	-12.5	46.6	195.7	0.0	1.0	0.54	57.4	-48.0	-6.7	48.6	188	0.0	1.0	0.625	0.0	1.0	0.629	57.2	-44.7	-12.8	46.6	196	0.0	1.0	0.625										
204.2	195.0	203.3	0.0	1.0	0.75	56.6	-41.8	-18.7	46.0	204.2	0.0	1.0	0.617	57.3	-45.1	-12.0	46.8	195	0.0	1.0	0.75	0.0	1.0	0.732	56.7	-42.3	-17.9	46.1	203	0.0	1.0	0.75										
214.8	202.5	210.1	0.0	1.0	0.875	55.0	-38.8	-26.9	47.3	214.8	0.0	1.0	0.732	56.7	-42.3	-17.9	46.1	203	0.0	1.0	0.875	0.0	1.0	0.819	55.7	-40.4	-23.3	46.7	210	0.0	1.0	0.875										
229.2	210.0	217.0	0.0	1.0	1.0	51.7	-33.7	-39.0	51.7	229.2	0.0	1.0	0.819	55.7	-40.4	-23.3	46.7	210	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0										
232.6	217.5	223.8	0.0	0.875	1.0	51.0	-31.9	-41.8	52.7	232.6	0.0	1.0	0.903	54.3	-38.0	-29.6	48.3	218	0.0	0.875	1.0	0.0	1.0	0.955	52.9	-36.0	-34.7	50.1	224	0.0	0.875	1.0										
238.3	225.0	230.7	0.0	0.75	1.0	50.9	-28.2	-45.6	53.8	238.3	0.0	1.0	0.964	52.7	-35.6	-35.6	50.4	225	0.0	0.75	1.0	0.0	1.0	0.934	1.0	51.3	-32.8	-40.5	52.2	231	0.0	0.75	1.0									
246.6	232.5	237.5	0.0	0.625	1.0	48.0	-21.0	-48.6	53.1	246.6	0.0	0.867	1.0	51.0	-31.6	-42.0	52.7	233	0.0	0.625	1.0	0.0	1.0	0.756	1.0	50.9	-28.4	-45.5	53.7	238	0.0	0.625	1.0									
254.1	240.0	244.4	0.0	0.5	1.0	44.0	-13.8	-48.6	50.6	254.1	0.0	0.724	1.0	50.3	-26.7	-46.3	53.6	240	0.0	0.5	1.0	0.0	1.0	0.664	1.0	48.9	-23.3	-47.8	53.3	244	0.0	0.5	1.0									
263.8	247.5	251.2	0.0	0.375	1.0	38.9	-5.2	-48.7	49.1	263.8	0.0	0.601	1.0	47.3	-19.6	-48.7	52.6	248	0.0	0.375	1.0	0.0	1.0	0.551	1.0	45.6	-16.7	-48.7	51.6	251	0.0	0.375	1.0									
275.0	255.0	258.0	0.0	0.25	1.0	33.8	4.3	-48.9	49.2	275.0	0.0	0.488	1.0	43.5	-13.0	-48.6	50.5	255	0.0	0.25	1.0	0.0	1.0	0.45	1.0	41.9	-10.3	-48.8	50.0	258	0.0	0.25	1.0									
288.2	262.5	264.9	0.0	0.125	1.0	33.4	15.0	-45.5	48.0	288.2	0.0	0.386	1.0	39.4	-5.9	-48.8	49.2	263	0.0	0.125	1.0	0.0	1.0	0.362	1.0	38.4	-4.2	-48.8	49.1	265	0.0	0.125	1.0									
299.1	270.0	271.7	0.0	0.0	1.0	30.8	24.1	-43.2	49.6	299.1	0.0	0.306	1.0	36.1	0.0	-49.0	49.1	270	0.0	0.0	1.0	0.0	1.0	0.284	1.0	35.2	1.7	-49.0	49.2	272	0.0	0.0	1.0									
307.6	277.5	278.8	0.125	0.0	1.0	30.6	31.4	-40.6	51.4	307.6	0.0	0.222	1.0	33.7	6.8	-48.3	48.9	278	0.125	0.0	1.0	0.0	1.0	0.212	1.0	33.7	7.6	-48.1	48.8	279	0.125	0.0	1.0									
317.5	285.0	286.0	0.25	0.0	1.0	30.5	39.8	-36.4	54.0	317.5	0.0	0.155	1.0	33.5	12.5	-46.6	48.3	285	0.25	0.0	1.0	0.0	1.0	0.146	1.0	33.5	13.3	-46.2	48.2	286	0.25	0.0	1.0									
324.9	292.5	293.1	0.375	0.0	1.0	32.0	46.0	-32.1	56.1	324.9	0.0	0.07	1.0	32.3	19.0	-44.7	48.7	293	0.375	0.0	1.0	0.0	1.0	0.07	1.0	32.3	19.0	-44.7	48.7	293	0.375	0.0	1.0									
329.4	300.0	300.2	0.5	0.0	1.0	34.5	49.9	-29.4	58.0	329.4	0.013	0.0	1.0	30.8	24.9	-43.0	49.8	300	0.5	0.0	1.0	0.013	0.0	1.0	30.8	24.9	-43.0	49.8	300	0.5	0.0	1.0										
334.8	307.5	307.3	0.625	0.0	1.0	37.2	54.7	-25.6	60.4	334.8	0.13	0.0	1.0	30.6	31.7	-40.5	51.5	308	0.625	0.0	1.0	0.116	0.0	1.0	30.6	30.9	-40.9	51.3	307	0.625	0.0	1.0										
340.0	315.0	314.4	0.75	0.0	1.0	39.1	60.2	-21.8	64.0	340.0	0.219	0.0	1.0	30.6	37.7	-37.6	53.3	315	0.75	0.0	1.0	0.206	0.0	1.0	30.6	36.9	-38.1	53.1	314	0.75	0.0	1.0										
344.5	322.5	321.5	0.875	0.0	1.0	41.6	65.0	-17.9	67.4	344.5	0.342	0.0	1.0	31.6	44.4	-33.3	55.6	323	0.875	0.0	1.0	0.309	0.0	1.0	31.2	42.7	-34.5	55.0	321	0.875	0.0	1.0										
349.6	330.0	328.6	1.0	0.0	1.0	45.3	70.9	-12.9	72.1	349.6	0.514	0.0	1.0	34.8	50.4	-29.0	58.2	330	1.0	0.0	1.0	0.488	0.0	1.0	34.2	49.5	-29.7	57.8	329	1.0	0.0	1.0										
352.2	337.5	335.7	1.0	0.																																						

OG330-7N, Seite der Serie 2/20, RX0, D65, XYZnw=1.8, 1.9, 1.9, 88.0, 93.2, 98.2, LAB*nw=15.0, 0.3, 1.3, 97.3, -0.9, 2.1, nicht adaptiert

Ausgabe: Laserdrucker mit Separation cmyn62*, D65 und D50, Seite 2/20

TUB-Registrierung: 20110301-OG33/OG33L0NP.PDF /.PS
Anwendung für Messung von Drucker- oder Monitorsystemen
TUB-Material: Code=rh4ta

Siehe Original/Kopie: <http://web.me.com/klaus.richter/OG33/OG33L0NP.PDF> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker mit Separation cmyn62*, 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: $h_{ab,d} = 31.8, 99.5, 150.7, 229.2, 299.1, 349.6$; Sechs Bunttonwinkel der Elementarfarben e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$								$LAB^*_{dd361Mix}(x=LabCh)$								R_d	$rgb^*_{ds361Mi}$								$LAB^*_{ds361Mix}(x=LabCh)$								rgb^*_{s50M}								$rgb^*_{de361Mi}$								$LAB^*_{de361Mix}(x=LabCh)$								rgb^*_{e50M}								rgb^*_{dd}		rgb^*_{ds}	rgb^*_{de}																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
31	30	25	1.0	0.0	0.027	45.9	61.9	37.2	72.3	31																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

Siehe Original/Kopie: <http://web.me.com/klaus.richter/OG33/OG33L0NP.PDF> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker mit Separation cmyn62*, 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: $h_{ab,d} = 31.8, 99.5, 150.7, 229.2, 299.1, 349.6$; 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}
76	75	76	1.0	0.524 0.0	72.4	17.9	71.9	74.1	76	1.0	0.75	0.0	
77	76	77	1.0	0.545 0.0	73.1	16.8	72.6	74.5	77	1.0	0.767	0.0	
78	77	78	1.0	0.565 0.0	73.7	15.6	73.2	74.9	78	1.0	0.783	0.0	
79	78	79	1.0	0.585 0.0	74.4	14.4	73.8	75.2	79	1.0	0.8	0.0	
80	79	80	1.0	0.606 0.0	75.1	13.1	74.5	75.6	80	1.0	0.817	0.0	
81	80	81	1.0	0.626 0.0	75.8	11.9	75.0	76.0	81	1.0	0.833	0.0	
82	81	82	1.0	0.64 0.0	76.6	10.6	75.4	76.2	82	1.0	0.85	0.0	
83	82	83	1.0	0.655 0.0	77.3	9.3	75.8	76.4	83	1.0	0.867	0.0	
84	83	85	1.0	0.67 0.0	78.1	8.0	76.2	76.6	84	1.0	0.883	0.0	
85	84	86	1.0	0.684 0.0	78.9	6.7	76.6	76.9	85	1.0	0.9	0.0	
86	85	87	1.0	0.699 0.0	79.7	5.4	76.9	77.1	86	1.0	0.917	0.0	
87	86	88	1.0	0.714 0.0	80.5	4.0	77.2	77.3	87	1.0	0.933	0.0	
88	87	89	1.0	0.728 0.0	81.3	2.7	77.5	77.5	88	1.0	0.95	0.0	
89	88	90	1.0	0.743 0.0	82.1	1.4	77.7	77.7	89	1.0	0.967	0.0	
90	89	91	1.0	0.763 0.0	82.9	0.0	77.3	77.3	90	1.0	0.983	0.0	
91	90	92	1.0	0.788 0.0	83.7	-1.2	76.3	76.3	91	1.0	0.0	0.0	J_s
92	91	93	1.0	0.812 0.0	84.5	-2.5	75.2	75.3	92	1.0	0.812	0.0	J_e
93	92	95	1.0	0.837 0.0	85.4	-3.8	74.2	74.3	93	1.0	0.837	0.0	
94	93	96	1.0	0.862 0.0	86.2	-5.0	73.1	73.3	94	1.0	0.887	0.0	
95	94	97	1.0	0.887 0.0	87.1	-6.3	73.6	73.8	95	1.0	0.912	0.0	
96	95	98	1.0	0.912 0.0	88.1	-7.9	75.9	76.3	96	1.0	0.937	0.0	
97	96	99	1.0	0.937 0.0	89.1	-9.5	78.2	78.8	97	1.0	0.963	0.0	
98	97	100	1.0	0.963 0.0	90.1	-11.2	80.4	81.2	98	1.0	0.988	0.0	
99	98	102	1.0	0.988 0.0	91.1	-13.0	82.7	83.7	99	1.0	0.941	1.0	0.0
100	99	103	0.941	1.0 0.0	92.5	-15.4	88.1	89.4	100	0.836	1.0 0.0	0.0	
101	100	104	0.864	1.0 0.0	93.0	-17.9	92.4	94.1	101	0.807	1.0 0.0	0.0	
102	101	105	0.836	1.0 0.0	91.9	-19.2	90.8	92.8	102	0.779	1.0 0.0	0.0	
103	102	106	0.807	1.0 0.0	90.7	-20.5	89.1	91.5	103	0.751	1.0 0.0	0.0	
104	103	107	0.779	1.0 0.0	89.6	-21.7	87.5	90.2	104	0.736	1.0 0.0	0.0	
105	104	109	0.751	1.0 0.0	88.4	-22.9	85.8	88.9	105	0.721	1.0 0.0	0.0	
106	105	110	0.736	1.0 0.0	87.4	-24.1	84.3	87.7	106	0.692	1.0 0.0	0.0	
107	106	111	0.721	1.0 0.0	86.5	-25.2	82.7	86.5	107	0.677	1.0 0.0	0.0	
108	107	112	0.706	1.0 0.0	85.5	-26.3	81.1	85.3	108	0.662	1.0 0.0	0.0	
109	108	113	0.692	1.0 0.0	84.6	-27.3	79.5	84.1	109	0.648	1.0 0.0	0.0	
110	109	114	0.677	1.0 0.0	83.6	-28.3	77.9	82.9	110	0.633	1.0 0.0	0.0	
111	110	116	0.662	1.0 0.0	82.7	-29.2	76.3	81.7	111	0.618	1.0 0.0	0.0	
112	111	117	0.648	1.0 0.0	81.7	-30.1	74.6	80.5	112	0.588	1.0 0.0	0.0	
113	112	118	0.633	1.0 0.0	80.7	-30.9	73.0	79.3	113	0.573	1.0 0.0	0.0	
114	113	119	0.618	1.0 0.0	79.9	-31.8	71.6	78.4	114	0.558	1.0 0.0	0.0	
115	114	120	0.603	1.0 0.0	79.0	-32.8	70.5	77.8	115	0.542	1.0 0.0	0.0	
116	115	121	0.588	1.0 0.0	78.2	-33.7	69.4	77.2	116	0.527	1.0 0.0	0.0	
117	116	123	0.573	1.0 0.0	77.4	-34.7	68.3	76.6	117	0.512	1.0 0.0	0.0	
118	117	124	0.558	1.0 0.0	76.6	-35.6	67.1	76.0	118	0.478	1.0 0.0	0.0	
119	118	125	0.542	1.0 0.0	75.8	-36.5	66.0	75.4	119	0.459	1.0 0.0	0.0	
120	119	126	0.527	1.0 0.0	75.0	-37.3	64.8	74.8	120	0.44	1.0 0.0	0.0	
121	120	127	0.512	1.0 0.0	74.2	-38.1	63.6	74.2	121	0.422	1.0 0.0	0.0	
										0.403	1.0 0.0	0.0	

OG330-7N, Seite der Serie 4/20, RX0, D65, XYZnw=1.8, 1.9, 1.9, 88.0, 93.2, 98.2, LAB*nw=15.0, 0.3, 1.3, 97.3, -0.9, 2.1, nicht adaptiert

Ausgabe: Laserdrucker mit Separation cmyn62*, D65 und D50, Seite 4/20

TUB-Registrierung: 20110301-OG33/OG33L0NP.PDF /.PS
Anwendung für Messung von Drucker- oder Monitorsystemen
TUB-Material: Code=rh4ta

Siehe Original/Kopie: <http://web.me.com/klaus.richter/OG33/OG33L0NP.PDF> / .PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20110301-OG33/OG33I.ONP.PDF /.PS TUB-Material: Code=rha4ta

Daten der Maximalfarbe M im Farbmatrik-System Laserdrucker mit Separation cmy_{ab}62*, D65 und D50 für Ein- oder Ausgabe; Sechs Buntonwinkel der 60-Grad Standardfarben s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$; Sechs Buntonwinkel der Gerätefarben d: $h_{ab,d} = 31.8, 99.5, 150.7, 229.2, 299.1, 349.6$; Sechs Buntonwinkel 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* _d dd361Mi			LAB* _d dd361Mix (x=LabCh)			rgb* _s ds361Mi			LAB* _s ds361Mix (x=LabCh)			rgb* _s s50M			rgb* _e de361Mi			LAB* _e de361Mix (x=LabCh)			rgb* _e e50M			rgb* _d drgb* _s drgb* _e		
121	120	127	0.512	1.0	0.0	74.2	-38.1	63.6	74.2	121	0.527	1.0	0.0	75.0	-37.3	64.8	74.8	120	0.5	1.0	0.0	0.403	1.0	0.0	70.0	-43.2	57.4	71.9	127	0.5	1.0	0.0			
122	121	128	0.496	1.0	0.0	73.4	-39.0	62.5	73.7	122	0.512	1.0	0.0	74.2	-38.1	63.6	74.2	121	0.483	1.0	0.0	0.385	1.0	0.0	69.3	-44.0	56.4	71.6	128	0.483	1.0	0.0			
123	122	130	0.478	1.0	0.0	72.7	-39.8	61.5	73.3	123	0.496	1.0	0.0	73.4	-39.0	62.5	73.7	122	0.467	1.0	0.0	0.355	1.0	0.0	68.2	-45.7	54.6	71.3	130	0.467	1.0	0.0			
124	123	131	0.459	1.0	0.0	72.1	-40.7	60.5	73.0	124	0.478	1.0	0.0	72.7	-39.8	61.5	73.3	123	0.45	1.0	0.0	0.342	1.0	0.0	67.7	-46.6	53.7	71.2	131	0.45	1.0	0.0			
125	124	132	0.444	1.0	0.0	71.4	-41.6	59.5	72.6	125	0.459	1.0	0.0	72.1	-40.7	60.5	73.0	124	0.433	1.0	0.0	0.329	1.0	0.0	67.1	-47.5	52.8	71.1	132	0.433	1.0	0.0			
126	125	133	0.422	1.0	0.0	70.7	-42.4	58.5	72.3	126	0.44	1.0	0.0	71.4	-41.6	59.5	72.6	125	0.417	1.0	0.0	0.316	1.0	0.0	66.6	-48.3	51.9	71.0	133	0.417	1.0	0.0			
127	126	134	0.403	1.0	0.0	70.0	-43.2	57.4	71.9	127	0.422	1.0	0.0	70.7	-42.4	58.5	72.3	126	0.4	1.0	0.0	0.303	1.0	0.0	66.0	-49.1	51.0	70.9	134	0.4	1.0	0.0			
128	127	135	0.385	1.0	0.0	69.3	-44.0	56.4	71.6	128	0.403	1.0	0.0	70.0	-43.2	57.4	71.9	127	0.383	1.0	0.0	0.289	1.0	0.0	65.5	-50.0	50.1	70.8	135	0.383	1.0	0.0			
129	128	137	0.369	1.0	0.0	68.7	-44.8	55.5	71.4	129	0.385	1.0	0.0	69.3	-44.0	56.4	71.6	128	0.367	1.0	0.0	0.263	1.0	0.0	64.4	-51.5	48.1	70.6	137	0.367	1.0	0.0			
130	129	138	0.355	1.0	0.0	68.2	-45.7	54.6	71.3	130	0.369	1.0	0.0	68.7	-44.8	55.5	71.4	129	0.35	1.0	0.0	0.25	1.0	0.0	63.9	-52.3	47.2	70.5	138	0.35	1.0	0.0			
131	130	139	0.342	1.0	0.0	67.7	-46.6	53.7	71.2	131	0.355	1.0	0.0	68.2	-45.7	54.6	71.3	130	0.333	1.0	0.0	0.232	1.0	0.0	63.4	-53.1	46.3	70.5	139	0.333	1.0	0.0			
132	131	140	0.329	1.0	0.0	67.1	-47.5	52.8	71.1	132	0.342	1.0	0.0	67.7	-46.6	53.7	71.2	131	0.317	1.0	0.0	0.215	1.0	0.0	62.8	-54.0	45.4	70.6	140	0.317	1.0	0.0			
133	132	141	0.316	1.0	0.0	66.6	-48.3	51.9	71.0	133	0.329	1.0	0.0	67.1	-47.5	52.8	71.1	132	0.3	1.0	0.0	0.198	1.0	0.0	62.3	-54.8	44.4	70.6	141	0.3	1.0	0.0			
134	133	142	0.303	1.0	0.0	66.0	-49.1	51.0	70.9	134	0.316	1.0	0.0	66.6	-48.3	51.9	71.0	133	0.283	1.0	0.0	0.18	1.0	0.0	61.7	-55.6	43.5	70.7	142	0.283	1.0	0.0			
135	134	144	0.289	1.0	0.0	65.5	-50.0	50.1	70.8	135	0.303	1.0	0.0	66.0	-49.1	51.0	70.9	134	0.267	1.0	0.0	0.146	1.0	0.0	60.7	-57.1	41.6	70.8	144	0.267	1.0	0.0			
136	135	145	0.276	1.0	0.0	65.0	-50.7	49.1	70.7	136	0.289	1.0	0.0	65.5	-50.0	50.1	70.8	135	0.25	1.0	0.0	0.128	1.0	0.0	60.1	-57.9	40.6	70.8	145	0.25	1.0	0.0			
137	136	146	0.263	1.0	0.0	64.4	-51.5	48.1	70.6	137	0.276	1.0	0.0	65.0	-50.7	49.1	70.7	136	0.233	1.0	0.0	0.107	1.0	0.0	59.5	-58.8	39.7	71.1	146	0.233	1.0	0.0			
138	137	147	0.25	1.0	0.0	63.9	-52.3	47.2	70.5	138	0.263	1.0	0.0	64.4	-51.5	48.1	70.6	137	0.217	1.0	0.0	0.084	1.0	0.0	59.0	-59.8	38.9	71.4	147	0.217	1.0	0.0			
139	138	148	0.232	1.0	0.0	63.4	-53.1	46.3	70.5	139	0.25	1.0	0.0	63.9	-52.3	47.2	70.5	138	0.2	1.0	0.0	0.061	1.0	0.0	58.4	-60.7	38.0	71.7	148	0.2	1.0	0.0			
140	139	149	0.215	1.0	0.0	62.8	-54.0	45.4	70.6	140	0.232	1.0	0.0	63.4	-53.1	46.3	70.5	139	0.183	1.0	0.0	0.038	1.0	0.0	57.8	-61.7	37.1	72.1	149	0.183	1.0	0.0			
141	140	151	0.198	1.0	0.0	62.3	-54.8	44.4	70.6	141	0.215	1.0	0.0	62.8	-54.0	45.4	70.6	140	0.167	1.0	0.0	0.0	1.0	0.005	56.9	-63.2	35.1	72.4	151	0.167	1.0	0.0			
142	141	152	0.18	1.0	0.0	61.7	-55.6	43.5	70.7	142	0.198	1.0	0.0	62.3	-54.8	44.4	70.6	141	0.15	1.0	0.0	0.0	1.0	0.021	56.8	-63.1	33.6	71.6	152	0.15	1.0	0.0			
143	142	153	0.163	1.0	0.0	61.2	-56.4	42.6	70.7	143	0.18	1.0	0.0	61.7	-55.6	43.5	70.7	142	0.133	1.0	0.0	0.0	1.0	0.037	56.7	-63.0	32.2	70.9	153	0.133	1.0	0.0			
144	143	154	0.146	1.0	0.0	60.7	-57.1	41.6	70.8	144	0.163	1.0	0.0	61.2	-56.4	42.6	70.7	143	0.117	1.0	0.0	0.0	1.0	0.052	56.6	-62.9	30.7	70.1	154	0.117	1.0	0.0			
145	144	155	0.128	1.0	0.0	60.1	-57.9	40.6	70.8	145	0.146	1.0	0.0	60.7	-57.1	41.6	70.8	144	0.1	1.0	0.0	0.0	1.0	0.068	56.5	-62.7	29.3	69.3	155	0.1	1.0	0.0			
146	145	156	0.107	1.0	0.0	59.5	-58.8	39.7	71.1	146	0.128	1.0	0.0	60.1	-57.9	40.6	70.8	145	0.083	1.0	0.0	0.0	1.0	0.084	56.4	-62.5	27.9	68.6	156	0.083	1.0	0.0			
147	146	158	0.084	1.0	0.0	59.0	-59.8	38.9	71.4	147	0.107	1.0	0.0	59.5	-58.8	39.7	71.1	146	0.067	1.0	0.0	0.0	1.0	0.115	56.3	-62.1	25.1	67.0	158	0.067	1.0	0.0			
148	147	159	0.061	1.0	0.0	58.4	-60.7	38.0	71.7	148	0.084	1.0	0.0	59.0	-59.8	38.9	71.4	147	0.05	1.0	0.0	0.0	1.0	0.131	56.2	-61.7	23.7	66.2	159	0.05	1.0	0.0			
149	148	160	0.038	1.0	0.0	57.8	-61.7	37.1	72.1	149	0.061	1.0	0.0	58.4	-60.7	38.0	71.7	148	0.033	1.0	0.0	0.0	1.0	0.147	56.3	-61.3	22.3	65.3	160	0.033	1.0	0.0			
150	149	161	0.015	1.0	0.0	57.3	-62.6	36.2	72.4	150G _d	0.038	1.0	0.0	57.8	-61.7	37.1	72.1	149	0.017	1.0	0.0	0.0	1.0	0.162	56.3	-60.8	21.0	64.4	161	0.017	1.0	0.0			
151	150	162	0.0	1.0	0.005	56.9	-63.2	35.1	72.4	151	0.015	1.0	0.0	57.3	-62.6	36.2	72.4	150	0.0	1.0	0.0G _s	0.0	1.0	0.178	56.3	-60.3	19.6	63.5	162	0.0	1.0	0.0G _e			
152	151	163	0.0	1.0	0.021	56.8	-63.1	33.6	71.6	152	0.0	1.0	0.005	56.9	-63.2	35.1	72.4	151	0.0	1.0	0.017	0.0	1.0	0.193	56.4	-59.8	18.3	62.6	163	0.0	1.0	0.017			
153	152	164	0.0	1.0	0.037	56.7	-63.0	32.2	70.9	153	0.0	1.0	0.021	56.8	-63.1	33.6	71.6	152	0.0	1.0	0.033	0.0	1.0	0.209	56.4	-59.2	17.0	61.7	164	0.0	1.0	0.033			
154	153	165	0.0	1.0	0.052	56.6	-62.9	30.7	70.1	154	0.0	1.0	0.037	56.7	-63.0	32.2	70.9	153	0.0	1.0	0.05	0.0	1.0	0.225	56.4	-58.6	15.7	60.8	165	0.0	1.0	0.05			
155	154	166	0.0	1.0	0.068	56.5	-62.7	29.3	69.3	155	0.0	1.0	0.052	56.6	-62.9	30.7	70.1	154	0.0	1.0	0.067	0.0	1.0	0.24	56.5	-58.0	14.5	59.9	166	0.0	1.0	0.067			
156	155	167	0.0	1.0	0.084	56.4	-62.5	27.9	68.6	156	0.0	1.0	0.068	56.5	-62.7	29.3	69.3	155	0.0	1.0	0.083	0.0	1.0	0.255	56.5	-57.5	13.3	59.1	167	0.0	1.0	0.083			
157	156	168	0.0	1.0	0.1	56.4	-62.3	26.5	67.8	157	0.0	1.0	0.084	56.4	-62.5	27.9	68.6	156	0.0	1.0	0.1	0.0	1.0	0.27	56.5	-57.2	12.2	58.6	168	0.0	1.0	0.1			
158	157	169	0.0	1.0	0.115	56.3	-62.1	25.1	67.0	158	0.0	1.0	0.1	56.4	-62.3	26.5	67.8	157	0.0	1.0	0.117	0.0	1.0	0.284	56.6	-56.8	11.1	58.0	169	0.0	1.0	0.117			
159	158	170	0.0	1.0	0.131	56.2	-61.7	23.7	66.2	159	0.0	1.0	0.115	56.3	-62.1	25.1	67.0	158	0.0	1.0	0.133	0.0	1.0	0.298	56.6	-56.5	10.0	57.4	170	0.0	1.0	0.133			
160	159	170	0.0	1.0	0.147	56.3	-61.3	22.3	65.3	160	0.0	1.0	0.131	56.2	-61.7	23.7	66.2	159	0.0	1.0	0.15	0.0	1.0	0.298	56.6	-56.5	10.0	57.4	170	0.0	1.0	0.15			
161	160	171	0.0	1.0	0.162	56.3	-60.8	21.0</																											

Siehe Original/Kopie: <http://web.me.com/klaus.richter/OG33/OG33L0NP.PDF> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker mit Separation cmyn62*, 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: $h_{ab,d} = 31.8, 99.5, 150.7, 229.2, 299.1, 349.6$; 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}																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
166	165	176	0.0	1.0	0.24	56.5	-58.0	14.5	59.9	166	0.0	1.0	0.225	56.4	-58.6	15.7	60.8	165	0.0	1.0	0.25	0.0	1.0	0.384	56.8	-53.8	3.8	54.1	176	0.0	1.0	0.25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
167	166	177	0.0	1.0	0.255	56.5	-57.5	13.3	59.1	167	0.0	1.0	0.24	56.5	-58.0	14.5	59.9	166	0.0	1.0	0.267	0.0	1.0	0.397	56.9	-53.4	2.8	53.5	177	0.0	1.0	0.267																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
168	167	178	0.0	1.0	0.27	56.5	-57.2	12.2	58.6	168	0.0	1.0	0.255	56.5	-57.5	13.3	59.1	167	0.0	1.0	0.283	0.0	1.0	0.411	57.0	-52.8	1.8	53.0	178	0.0	1.0	0.283																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
169	168	179	0.0	1.0	0.284	56.6	-56.8	11.1	58.0	169	0.0	1.0	0.27	56.5	-57.2	12.2	58.6	168	0.0	1.0	0.3	0.0	1.0	0.425	57.0	-52.3	0.9	52.4	179	0.0	1.0	0.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							</

OG330-7N, Seite der Serie 6/20, RX0, D65, XYZnw=1.8, 1.9, 1.9, 88.0, 93.2, 98.2, LAB*_{nw}=15.0, 0.3, 1.3, 97.3, -0.9, 2.1, nicht adaptiert

Ausgabe: Laserdrucker mit Separation cmyn62*, D65 und D50, Seite 6/20

TUB-Registrierung: 20110301-OG33/OG33L0NP.PDF /.PS
Anwendung für Messung von Drucker- oder Monitorsystemen
TUB-Material: Code=rh4ta

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Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker mit Separation cmyn62*, D65 und D50 für Ein- oder Ausgabe; Sechs Bunttonwinkel der 60-Grad Standardfarben s: $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$;
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$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$								$LAB^*_{dd361Mix}(x=LabCh)$								$rgb^*_{ds361Mi}$								$LAB^*_{ds361Mix}(x=LabCh)$								rgb^*_{s50M}								$rgb^*_{de361Mi}$								$LAB^*_{de361Mix}(x=LabCh)$								rgb^*_{e50M}								rgb^*_{dd}								rgb^*_{ds}								rgb^*_{de}																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
211	210	217	0.0	1.0	0.83	55.6	-40.0	-24.0	46.8	211	0.0	1.0	0.819	55.7	-40.4	-23.3	46.7	210	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0	0.894	54.5	-38.2	-28.8	48.0	217	0.0	1.0	1.0	0.0	1.0</

OG330-7N, Seite der Serie 7/20, RX0, D65, XYZnw=1.8, 1.9, 1.9, 88.0, 93.2, 98.2, LAB*nw=15.0, 0.3, 1.3, 97.3, -0.9, 2.1, nicht adaptiert

Ausgabe: Laserdrucker mit Separation cmyn62*, D65 und D50, Seite 7/20

TUB-Registrierung: 20110301-OG33/OG33L0NP.PDF /.PS
Anwendung für Messung von Drucker- oder Monitorsystemen
TUB-Material: Code=rh4ta

Siehe Original/Kopie: <http://web.me.com/klaus.richter/OG33/OG33L0NP.PDF> /.PS
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$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$	$LAB^*_{dd361Mix}(x=LabCh)$	$rgb^*_{ds361Mi}$	$LAB^*_{ds361Mix}(x=LabCh)$	rgb^*_{s50M}	$rgb^*_{de361Mi}$	$LAB^*_{de361Mix}(x=LabCh)$	rgb^*_{e50M}	rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
301	300	300	0.028 0.0	1.0 30.8 25.8 -42.8 50.0	301	0.013 0.0	1.0 30.8 24.9 -43.0 49.8	300	0.5 0.0 1.0	0.013 0.0	1.0 30.8 24.9 -43.0 49.8	300	0.5 0.0 1.0
302	301	301	0.042 0.0	1.0 30.7 26.6 -42.5 50.2	302	0.028 0.0	1.0 30.8 25.8 -42.8 50.0	301	0.517 0.0 1.0	0.028 0.0	1.0 30.8 25.8 -42.8 50.0	301	0.517 0.0 1.0
303	302	302	0.057 0.0	1.0 30.7 27.5 -42.2 50.4	303	0.042 0.0	1.0 30.7 26.6 -42.5 50.2	302	0.533 0.0 1.0	0.042 0.0	1.0 30.7 26.6 -42.5 50.2	302	0.533 0.0 1.0
304	303	303	0.072 0.0	1.0 30.7 28.3 -41.9 50.7	304	0.057 0.0	1.0 30.7 27.5 -42.2 50.4	303	0.55 0.0 1.0	0.057 0.0	1.0 30.7 27.5 -42.2 50.4	303	0.55 0.0 1.0
305	304	304	0.086 0.0	1.0 30.7 29.2 -41.6 50.9	305	0.072 0.0	1.0 30.7 28.3 -41.9 50.7	304	0.567 0.0 1.0	0.072 0.0	1.0 30.7 28.3 -41.9 50.7	304	0.567 0.0 1.0
306	305	305	0.101 0.0	1.0 30.7 30.0 -41.2 51.1	306	0.086 0.0	1.0 30.7 29.2 -41.6 50.9	305	0.583 0.0 1.0	0.086 0.0	1.0 30.7 29.2 -41.6 50.9	305	0.583 0.0 1.0
307	306	306	0.116 0.0	1.0 30.6 30.9 -40.9 51.3	307	0.101 0.0	1.0 30.7 30.0 -41.2 51.1	306	0.6 0.0 1.0	0.101 0.0	1.0 30.7 30.0 -41.2 51.1	306	0.6 0.0 1.0
308	307	307	0.13 0.0	1.0 30.6 31.7 -40.5 51.5	308	0.116 0.0	1.0 30.6 30.9 -40.9 51.3	307	0.617 0.0 1.0	0.116 0.0	1.0 30.6 30.9 -40.9 51.3	307	0.617 0.0 1.0
309	308	308	0.142 0.0	1.0 30.6 32.6 -40.1 51.8	309	0.13 0.0	1.0 30.6 31.7 -40.5 51.5	308	0.633 0.0 1.0	0.13 0.0	1.0 30.6 31.7 -40.5 51.5	308	0.633 0.0 1.0
310	309	309	0.155 0.0	1.0 30.6 33.4 -39.8 52.0	310	0.142 0.0	1.0 30.6 32.6 -40.1 51.8	309	0.65 0.0 1.0	0.142 0.0	1.0 30.6 32.6 -40.1 51.8	309	0.65 0.0 1.0
311	310	310	0.168 0.0	1.0 30.6 34.3 -39.4 52.3	311	0.155 0.0	1.0 30.6 33.4 -39.8 52.0	310	0.667 0.0 1.0	0.155 0.0	1.0 30.6 33.4 -39.8 52.0	310	0.667 0.0 1.0
312	311	311	0.18 0.0	1.0 30.6 35.2 -39.0 52.6	312	0.168 0.0	1.0 30.6 34.3 -39.4 52.3	311	0.683 0.0 1.0	0.168 0.0	1.0 30.6 34.3 -39.4 52.3	311	0.683 0.0 1.0
313	312	312	0.193 0.0	1.0 30.6 36.0 -38.5 52.8	313	0.18 0.0	1.0 30.6 35.2 -39.0 52.6	312	0.7 0.0 1.0	0.18 0.0	1.0 30.6 35.2 -39.0 52.6	312	0.7 0.0 1.0
314	313	313	0.206 0.0	1.0 30.6 36.9 -38.1 53.1	314	0.193 0.0	1.0 30.6 36.0 -38.5 52.8	313	0.717 0.0 1.0	0.18 0.0	1.0 30.6 35.2 -39.0 52.6	312	0.717 0.0 1.0
315	314	314	0.219 0.0	1.0 30.6 37.7 -37.6 53.3	315	0.206 0.0	1.0 30.6 36.9 -38.1 53.1	314	0.733 0.0 1.0	0.193 0.0	1.0 30.6 36.0 -38.5 52.8	313	0.733 0.0 1.0
316	315	315	0.231 0.0	1.0 30.6 38.6 -37.1 53.6	316	0.219 0.0	1.0 30.6 37.7 -37.6 53.3	315	0.75 0.0 1.0	0.206 0.0	1.0 30.6 36.9 -38.1 53.1	314	0.75 0.0 1.0
317	316	316	0.244 0.0	1.0 30.5 39.4 -36.6 53.9	317	0.231 0.0	1.0 30.6 38.6 -37.1 53.6	316	0.767 0.0 1.0	0.219 0.0	1.0 30.6 37.7 -37.6 53.3	315	0.767 0.0 1.0
318	317	317	0.259 0.0	1.0 30.6 40.2 -36.1 54.1	318	0.244 0.0	1.0 30.5 39.4 -36.6 53.9	317	0.783 0.0 1.0	0.231 0.0	1.0 30.6 38.6 -37.1 53.6	316	0.783 0.0 1.0
319	318	318	0.276 0.0	1.0 30.8 41.1 -35.6 54.4	319	0.259 0.0	1.0 30.6 40.2 -36.1 54.1	318	0.8 0.0 1.0	0.244 0.0	1.0 30.5 39.4 -36.6 53.9	317	0.8 0.0 1.0
320	319	319	0.292 0.0	1.0 31.0 41.9 -35.1 54.7	320	0.276 0.0	1.0 30.8 41.1 -35.6 54.4	319	0.817 0.0 1.0	0.259 0.0	1.0 30.6 40.2 -36.1 54.1	318	0.817 0.0 1.0
321	320	320	0.309 0.0	1.0 31.2 42.7 -34.5 55.0	321	0.292 0.0	1.0 31.0 41.9 -35.1 54.7	320	0.833 0.0 1.0	0.276 0.0	1.0 30.8 41.1 -35.6 54.4	319	0.833 0.0 1.0
322	321	321	0.326 0.0	1.0 31.4 43.6 -33.9 55.3	322	0.309 0.0	1.0 31.2 42.7 -34.5 55.0	321	0.85 0.0 1.0	0.292 0.0	1.0 31.0 41.9 -35.1 54.7	320	0.85 0.0 1.0
323	322	322	0.342 0.0	1.0 31.6 44.4 -33.3 55.6	323	0.326 0.0	1.0 31.4 43.6 -33.9 55.3	322	0.867 0.0 1.0	0.309 0.0	1.0 31.2 42.7 -34.5 55.0	321	0.867 0.0 1.0
324	323	323	0.359 0.0	1.0 31.8 45.2 -32.7 55.9	324	0.342 0.0	1.0 31.6 44.4 -33.3 55.6	323	0.883 0.0 1.0	0.326 0.0	1.0 31.4 43.6 -33.9 55.3	322	0.883 0.0 1.0
325	324	324	0.376 0.0	1.0 32.0 46.0 -32.1 56.2	325	0.359 0.0	1.0 31.8 45.2 -32.7 55.9	324	0.9 0.0 1.0	0.342 0.0	1.0 31.6 44.4 -33.3 55.6	323	0.9 0.0 1.0
326	325	325	0.404 0.0	1.0 32.6 46.9 -31.5 56.6	326	0.376 0.0	1.0 32.0 46.0 -32.1 56.2	325	0.917 0.0 1.0	0.359 0.0	1.0 31.8 45.2 -32.7 55.9	324	0.917 0.0 1.0
327	326	326	0.432 0.0	1.0 33.1 47.8 -30.9 57.0	327	0.404 0.0	1.0 32.6 46.9 -31.5 56.6	326	0.933 0.0 1.0	0.376 0.0	1.0 32.0 46.0 -32.1 56.2	325	0.933 0.0 1.0
328	327	327	0.46 0.0	1.0 33.7 48.7 -30.3 57.4	328	0.432 0.0	1.0 33.1 47.8 -30.9 57.0	327	0.95 0.0 1.0	0.404 0.0	1.0 32.6 46.9 -31.5 56.6	326	0.95 0.0 1.0
329	328	328	0.488 0.0	1.0 34.2 49.5 -29.7 57.8	329	0.46 0.0	1.0 33.7 48.7 -30.3 57.4	328	0.967 0.0 1.0	0.432 0.0	1.0 33.1 47.8 -30.9 57.0	327	0.967 0.0 1.0
330	329	329	0.514 0.0	1.0 34.8 50.4 -29.0 58.2	330	0.488 0.0	1.0 34.2 49.5 -29.7 57.8	329	0.983 0.0 1.0	0.46 0.0	1.0 33.7 48.7 -30.3 57.4	328	0.983 0.0 1.0
331	330	330	0.537 0.0	1.0 35.3 51.3 -28.4 58.7	331	0.514 0.0	1.0 34.8 50.4 -29.0 58.2	330	1.0 0.0 1.0M _s	0.488 0.0	1.0 34.2 49.5 -29.7 57.8	329	1.0 0.0 1.0M _e
332	331	331	0.56 0.0	1.0 35.8 52.2 -27.7 59.2	332	0.537 0.0	1.0 35.3 51.3 -28.4 58.7	331	1.0 0.0 0.983	0.514 0.0	1.0 34.8 50.4 -29.0 58.2	330	1.0 0.0 0.983
333	332	332	0.584 0.0	1.0 36.3 53.1 -27.0 59.6	333	0.56 0.0	1.0 35.8 52.2 -27.7 59.2	332	1.0 0.0 0.967	0.537 0.0	1.0 35.3 51.3 -28.4 58.7	331	1.0 0.0 0.967
334	333	333	0.607 0.0	1.0 36.8 54.0 -26.2 60.1	334	0.584 0.0	1.0 36.3 53.1 -27.0 59.6	333	1.0 0.0 0.95	0.537 0.0	1.0 35.3 51.3 -28.4 58.7	332	1.0 0.0 0.95
335	334	334	0.63 0.0	1.0 37.3 54.9 -25.5 60.6	335	0.607 0.0	1.0 36.8 54.0 -26.2 60.1	334	1.0 0.0 0.933	0.56 0.0	1.0 35.8 52.2 -27.7 59.2	332	1.0 0.0 0.933
336	335	335	0.654 0.0	1.0 37.7 56.0 -24.8 61.3	336	0.63 0.0	1.0 37.3 54.9 -25.5 60.6	335	1.0 0.0 0.917	0.584 0.0	1.0 36.3 53.1 -27.0 59.6	333	1.0 0.0 0.917
337	336	336	0.678 0.0	1.0 38.0 57.0 -24.1 62.0	337	0.654 0.0	1.0 37.7 56.0 -24.8 61.3	336	1.0 0.0 0.9	0.607 0.0	1.0 36.8 54.0 -26.2 60.1	334	1.0 0.0 0.9
338	337	337	0.702 0.0	1.0 38.4 58.1 -23.4 62.6	338	0.678 0.0	1.0 38.0 57.0 -24.1 62.0	337	1.0 0.0 0.883	0.63 0.0	1.0 37.3 54.9 -25.5 60.6	335	1.0 0.0 0.883
339	338	338	0.726 0.0	1.0 38.8 59.1 -22.6 63.3	339	0.702 0.0	1.0 38.4 58.1 -23.4 62.6	338	1.0 0.0 0.867	0.654 0.0	1.0 37.7 56.0 -24.8 61.3	336	1.0 0.0 0.867
340	339	339	0.75 0.0	1.0 39.1 60.2 -21.8 64.0	340	0.726 0.0	1.0 38.8 59.1 -22.6 63.3	339	1.0 0.0 0.85	0.678 0.0	1.0 38.0 57.0 -24.1 62.0	337	1.0 0.0 0.85
341	340	340	0.778 0.0	1.0 39.7 61.3 -21.0 64.8	341	0.75 0.0	1.0 39.1 60.2 -21.8 64.0	340	1.0 0.0 0.833	0.702 0.0	1.0 38.4 58.1 -23.4 62.6	338	1.0 0.0 0.833
342	341	341	0.806 0.0	1.0 40.2 62.3 -20.2 65.5	342	0.778 0.0	1.0 39.7 61.3 -21.0 64.8	341	1.0 0.0 0.817	0.726 0.0	1.0 38.8 59.1 -22.6 63.3	339	1.0 0.0 0.817
343	342	342	0.834 0.0	1.0 40.8 63.4 -19.3 66.3	343	0.806 0.0	1.0 40.2 62.3 -20.2 65.5	342	1.0 0.0 0.8	0.75 0.0	1.0 39.1 60.2 -21.8 64.0	340	1.0 0.0 0.8
344	343	343	0.862 0.0	1.0 41.3 64.5 -18.4 67.1	344	0.834 0.0	1.0 40.8 63.4 -19.3 66.3	343	1.0 0.0 0.783	0.778 0.0	1.0 39.7 61.3 -21.0 64.8	341	1.0 0.0 0.783
345	344	344	0.888 0.0	1.0 42.0 65.6 -17.5 67.9	345	0.862 0.0	1.0 41.3 64.5 -18.4 67.1	344	1.0 0.0 0.767	0.806 0.0	1.0 40.2 62.3 -20.2 65.5	342	1.0 0.0 0.767
346	345	345	0.912 0.0	1.0 42.7 66.8 -16.5 68.8	346	0.888 0.0	1.0 42.0 65.6 -17.5 67.9	345	1.0 0.0 0.75	0.834 0.0	1.0 40.8 63.4 -19.3 66.3	343	1.0 0.0 0.75

OG330-7N, Seite der Serie 9/20, RX0, D65, XYZnw=1.8, 1.9, 1.9, 88.0, 93.2, 98.2, LAB*nw=15.0, 0.3, 1.3, 97.3, -0.9, 2.1, nicht adaptiert

Ausgabe: Laserdrucker mit Separation cmyn62*, D65 und D50, Seite 9/20

TUB-Registrierung: 20110301-OG33/OG33L0NP.PDF /.PS
Anwendung für Messung von Drucker- oder Monitorsystemen
TUB-Material: Code=rh4ta

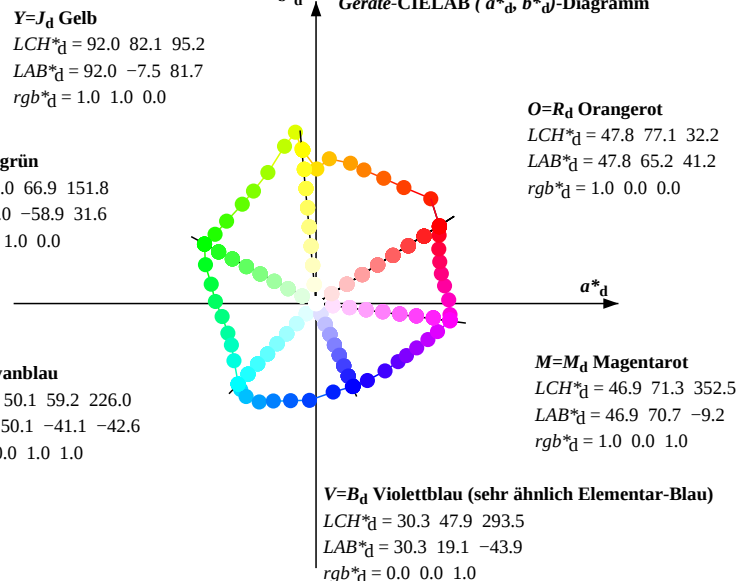
Siehe Original/Kopie: <http://web.me.com/klaus.richter/OG33/OG33L0NP.PDF> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker mit Separation cmy62*, 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: $h_{ab,d} = 31.8, 99.5, 150.7, 229.2, 299.1, 349.6$; Sechs Bunttonwinkel der Elementarfarben e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

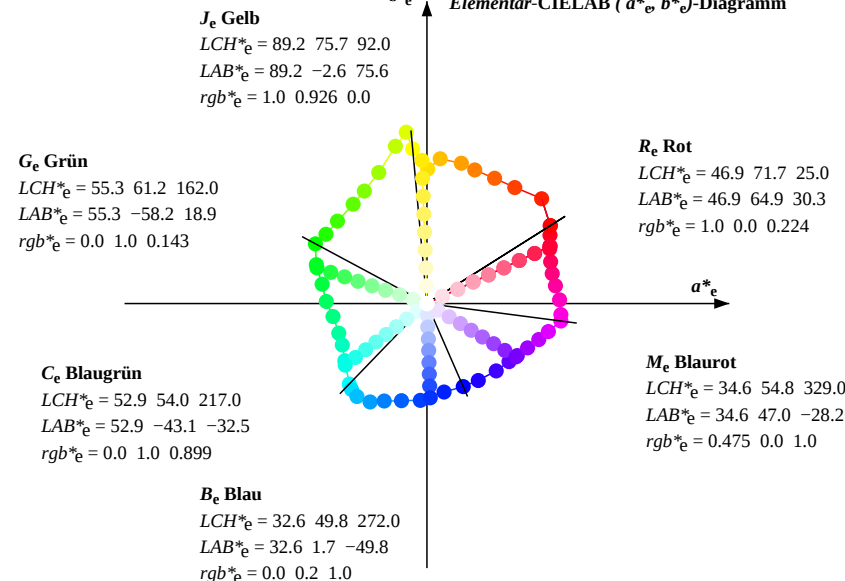
$h_{ab,d}$			$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$					$LAB^*_{dd361Mix}(x=LabCh)$					$rgb^*_{ds361Mi}$					$LAB^*_{ds361Mix}(x=LabCh)$					rgb^*_{s50M}					$rgb^*_{de361Mi}$					$LAB^*_{de361Mix}(x=LabCh)$					rgb^*_{e50M}					rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
346	345	343				0.912	0.0	1.0	42.7	66.8	-16.5	68.8	346				0.888	0.0	1.0	42.0	65.6	-17.5	67.9	345	1.0	0.0	0.75	0.834	0.0	1.0	40.8	63.4	-19.3	66.3	343	1.0	0.0	0.75									
347	346	344				0.936	0.0	1.0	43.4	67.9	-15.6	69.7	347				0.912	0.0	1.0	42.7	66.8	-16.5	68.8	346	1.0	0.0	0.733	0.862	0.0	1.0	41.3	64.5	-18.4	67.1	344	1.0	0.0	0.733									
348	347	345				0.96	0.0	1.0	44.1	69.1	-14.6	70.6	348				0.936	0.0	1.0	43.4	67.9	-15.6	69.7	347	1.0	0.0	0.717	0.888	0.0	1.0	42.0	65.6	-17.5	67.9	345	1.0	0.0	0.717									
349	348	346				0.985	0.0	1.0	44.9	70.2	-13.6	71.5	349	M_d			0.96	0.0	1.0	44.1	69.1	-14.6	70.6	348	1.0	0.0	0.7	0.912	0.0	1.0	42.7	66.8	-16.5	68.8	346	1.0	0.0	0.7									
350	349	347				1.0	0.0	0.982	45.3	70.9	-12.4	72.0	350				0.985	0.0	1.0	44.9	70.2	-13.6	71.5	349	1.0	0.0	0.683	0.936	0.0	1.0	43.4	67.9	-15.6	69.7	347	1.0	0.0	0.683									
351	350	348				1.0	0.0	0.934	45.1	70.9	-11.1	71.8	351				1.0	0.0	0.982	45.3	70.9	-12.4	72.0	350	1.0	0.0	0.667	0.96	0.0	1.0	44.1	69.1	-14.6	70.6	348	1.0	0.0	0.667									
352	351	349				1.0	0.0	0.886	45.0	70.9	-9.9	71.6	352				1.0	0.0	0.934	45.1	70.9	-11.1	71.8	351	1.0	0.0	0.65	0.985	0.0	1.0	44.9	70.2	-13.6	71.5	349	1.0	0.0	0.65									
353	352	349				1.0	0.0	0.86	44.9	70.8	-8.6	71.3	353				1.0	0.0	0.886	45.0	70.9	-9.9	71.6	352	1.0	0.0	0.633	0.985	0.0	1.0	44.9	70.2	-13.6	71.5	349	1.0	0.0	0.633									
354	353	350				1.0	0.0	0.84	44.9	70.6	-7.3	71.0	354				1.0	0.0	0.86	44.9	70.8	-8.6	71.3	353	1.0	0.0	0.617	1.0	0.0	0.982	45.3	70.9	-12.4	72.0	350	1.0	0.0	0.617									
355	354	351				1.0	0.0	0.82	44.8	70.4	-6.1	70.6	355				1.0	0.0	0.84	44.9	70.6	-7.3	71.0	354	1.0	0.0	0.6	1.0	0.0	0.934	45.1	70.9	-11.1	71.8	351	1.0	0.0	0.6									
356	355	352				1.0	0.0	0.8	44.8	70.1	-4.8	70.3	356				1.0	0.0	0.82	44.8	70.4	-6.1	70.6	355	1.0	0.0	0.583	1.0	0.0	0.886	45.0	70.9	-9.9	71.6	352	1.0	0.0	0.583									
357	356	353				1.0	0.0	0.78	44.7	69.9	-3.6	70.0	357				1.0	0.0	0.8	44.8	70.1	-4.8	70.3	356	1.0	0.0	0.567	1.0	0.0	0.86	44.9	70.8	-8.6	71.3	353	1.0	0.0	0.567									
358	357	354				1.0	0.0	0.76	44.7	69.6	-2.3	69.6	358				1.0	0.0	0.78	44.7	69.9	-3.6	70.0	357	1.0	0.0	0.55	1.0	0.0	0.84	44.9	70.6	-7.3	71.0	354	1.0	0.0	0.55									
359	358	355				1.0	0.0	0.741	44.7	69.3	-1.1	69.3	359				1.0	0.0	0.76	44.7	69.6	-2.3	69.6	358	1.0	0.0	0.533	1.0	0.0	0.82	44.8	70.4	-6.1	70.6	355	1.0	0.0	0.533									
0	359	356				1.0	0.0	0.722	44.7	68.8	0.0	68.8	0				1.0	0.0	0.741	44.7	69.3	-1.1	69.3	359	1.0	0.0	0.517	1.0	0.0	0.8	44.8	70.1	-4.8	70.3	356	1.0	0.0	0.517									
1	360	357				1.0	0.0	0.703	44.8	68.4	1.2	68.4	1				1.0	0.0	0.722	44.7	68.8	0.0	68.8	0	1.0	0.0	0.5	1.0	0.0	0.78	44.7	69.9	-3.6	70.0	357	1.0	0.0	0.5									
2	361	358				1.0	0.0	0.683	44.8	68.0	2.4	68.0	2				1.0	0.0	0.703	44.8	68.4	1.2	68.4	1	1.0	0.0	0.483	1.0	0.0	0.76	44.7	69.6	-2.3	69.6	358	1.0	0.0	0.483									
3	362	359				1.0	0.0	0.664	44.9	67.5	3.5	67.6	3				1.0	0.0	0.683	44.8	68.0	2.4	68.0	2	1.0	0.0	0.467	1.0	0.0	0.741	44.7	69.3	-1.1	69.3	359	1.0	0.0	0.467									
4	363	360				1.0	0.0	0.645	44.9	67.0	4.7	67.2	4				1.0	0.0	0.664	44.9	67.5	3.5	67.6	3	1.0	0.0	0.45	1.0	0.0	0.722	44.7	68.8	0.0	68.8	0	1.0	0.0	0.45									
5	364	361				1.0	0.0	0.626	45.0	66.5	5.8	66.8	5				1.0	0.0	0.645	44.9	67.0	4.7	67.2	4	1.0	0.0	0.433	1.0	0.0	0.703	44.8	68.4	1.2	68.4	1	1.0	0.0	0.433									
6	365	362				1.0	0.0	0.605	44.9	66.2	7.0	66.6	6				1.0	0.0	0.626	45.0	66.5	5.8	66.8	5	1.0	0.0	0.417	1.0	0.0	0.683	44.8	68.0	2.4	68.0	2	1.0	0.0	0.417									
7	366	363				1.0	0.0	0.584	44.8	65.9	8.1	66.4	7				1.0	0.0	0.605	44.9	66.2	7.0	66.6	6	1.0	0.0	0.4	1.0	0.0	0.664	44.9	67.5	3.5	67.6	3	1.0	0.0	0.4									
8	367	364				1.0	0.0	0.562	44.7	65.5	9.2	66.1	8				1.0	0.0	0.584	44.8	65.9	8.1	66.4	7	1.0	0.0	0.383	1.0	0.0	0.645	44.9	67.0	4.7	67.2	4	1.0	0.0	0.383									
9	368	365				1.0	0.0	0.541	44.7	65.1	10.3	65.9	9				1.0	0.0	0.562	44.7	65.5	9.2	66.1	8	1.0	0.0	0.367	1.0	0.0	0.626	45.0	66.5	5.8	66.8	5	1.0	0.0	0.367									
10	369	366				1.0	0.0	0.519	44.6	64.7	11.4	65.7	10				1.0	0.0	0.541	44.7	65.1	10.3	65.9	9	1.0	0.0	0.35	1.0	0.0	0.605	44.9	66.2	7.0	66.6	6	1.0	0.0	0.35									
11	370	367				1.0	0.0	0.498	44.5	64.3	12.5	65.6	11				1.0	0.0	0.519	44.6	64.7	11.4	65.7	10	1.0	0.0	0.333	1.0	0.0	0.584	44.8	65.9	8.1	66.4	7	1.0	0.0	0.333									
12	371	367				1.0	0.0	0.476	44.5	64.2	13.6	65.6	12				1.0	0.0	0.498	44.5	64.3	12.5	65.6	11	1.0	0.0	0.317	1.0	0.0	0.584	44.8	65.9	8.1	66.4	7	1.0	0.0	0.317									
13	372	368				1.0	0.0	0.454	44.5	63.9	14.8	65.6	13				1.0	0.0	0.476	44.5	64.2	13.6	65.6	12	1.0	0.0	0.3	1.0	0.0	0.562	44.7	65.5	9.2	66.1	8	1.0	0.0	0.3									
14	373	369				1.0	0.0	0.432	44.5	63.7	15.9	65.6	14				1.0	0.0	0.454	44.5	63.9	14.8	65.6	13	1.0	0.0	0.283	1.0	0.0	0.541	44.7	65.1	10.3	65.9	9	1.0	0.0	0.283									
15	374	370				1.0	0.0	0.411	44.5	63.4	17.0	65.7	15				1.0	0.0	0.432	44.5	63.7	15.9	65.6	14	1.0	0.0	0.267	1.0	0.0	0.519	44.6	64.7	11.4	65.7	10	1.0	0.0	0.267									
16	375	371				1.0	0.0	0.389	44.5	63.2	18.1	65.7	16				1.0	0.0	0.411	44.5	63.4	17.0	65.7	15	1.0	0.0	0.25	1.0	0.0	0.498	44.5	64.3	12.5	65.6	11	1.0	0.0	0.25									
17	376	372				1.0	0.0	0.367	44.5	62.9	19.2	65.8	17				1.0	0.0	0.389	44.5	63.2	18.1	65.7	16	1.0</																						

Daten der Maximalfarbe M im Farbmatrik-Sytem Laserdrucker mit Separation cmyn62*, 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: $h_{ab,d} = 32.3, 95.3, 151.8, 226.0, 293.6, 352.6$; Sechs Bunttonwinkel der Elementarfarben e: $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

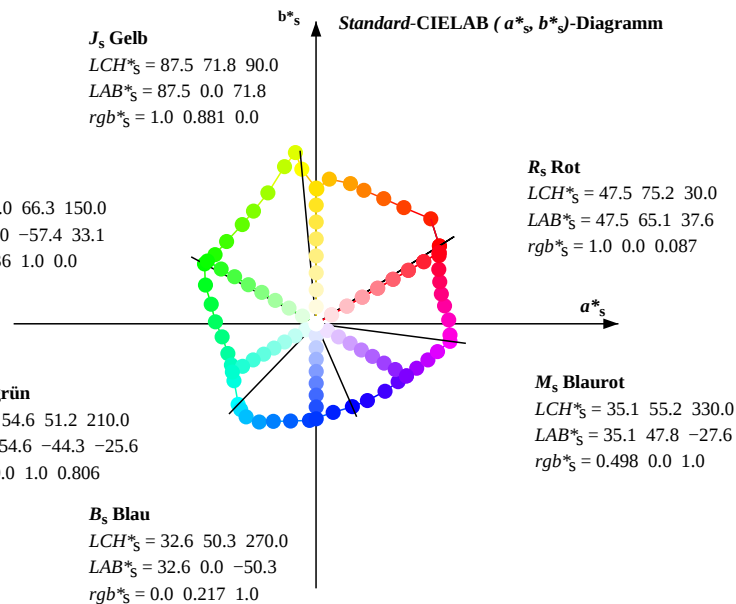
Geräte-CIELAB (a^*_d, b^*_d)-Diagramm



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



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



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

- Für die rgb^*_d -Eingabedaten wurden die CIELAB-Daten LCH^*_d und LAB^*_d gemessen.
$$h_{ab,s} \text{ } rgb^*_d = atan [r^*_d \cos(30) + g^*_d \cos(150)] / [r^*_d \sin(30) + g^*_d \sin(150) + b^*_d \sin(270)] \quad (1)$$
- Für die 48 oder 360 gleichabständig gestuften Standard-Buntonwinkel $h_{ab,s}$ der Farben von maximaler Buntheit benutze die sieben Buntonwinkel 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 Buntonkreis:
$$h_{48ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$
$$h_{360ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (3)$$
- Für die 48 oder 360 Elementar-Buntonwinkel $h_{ab,e}$ der Farben von maximaler Buntheit benutze die sieben Buntonwinkel 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-Buntonkreis:
$$h_{48ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$
$$h_{360ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (5)$$
- Für jeden Elementar-Buntonwinkel $h_{ab,e}$ gibt es einem genau definierten Geräte-Buntonwinkel $h_{ab,d}$ siehe die folgenden Tabellen, Spalten 1 bis 3.
- Die Werte rgb^*_e erzeugen die Ausgabe der geräteunabhängigen Elementar-Bunttöne

Siehe Original/Kopie: <http://web.me.com/klaus.richter/OG33/OG33L0NP.PDF> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker mit Separation cmyn62*, 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: $h_{ab,d} = 32.3, 95.3, 151.8, 226.0, 293.6, 352.6$; 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}																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
32.3	30.0	25.5	1.0	0.0	0.0	47.9	65.3	41.2	77.2	32.3	1.0	0.0	0.087	47.5	65.2	37.6	75.2	30	1.0	0.0	0.0	1.0	0.0	0.225	46.9	65.0	30.3	71.7	25	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0</

OG330-7N, Seite der Serie 12/20, RX0, D50, XYZnw=1.9, 1.9, 1.5, 89.5, 93.2, 74.5, LAB*nw=15.0, 0.5, 1.4, 97.3, -0.6, 2.0, nicht adaptiert

Ausgabe: Laserdrucker mit Separation cmyn62*, D65 und D50, Seite 12/20

TUB-Registrierung: 20110301-OG33/OG33L0NP.PDF /.PS
Anwendung für Messung von Drucker- oder Monitorsystemen
TUB-Material: Code=rh4ta

Siehe Original/Kopie: <http://web.me.com/klaus.richter/OG33/OG33L0NP.PDF> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker mit Separation cmyn62*, 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: $h_{ab,d} = 32.3, 95.3, 151.8, 226.0, 293.6, 352.6$; 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	0.01	47.8	65.3	40.8	77.0	32	1.0	0.0	0.0
33	31	27	1.0	0.009	0.0	48.3	65.0	42.2	77.6	33	1.0	0.0	0.0
34	32	28	1.0	0.021	0.0	49.0	64.7	43.6	78.1	34	1.0	0.0	0.0
35	33	29	1.0	0.034	0.0	49.6	64.3	45.1	78.6	35	1.0	0.0	0.0
36	34	30	1.0	0.046	0.0	50.2	64.0	46.5	79.1	36	1.0	0.0	0.0
37	35	31	1.0	0.058	0.0	50.8	63.5	47.9	79.6	37	1.0	0.0	0.0
38	36	32	1.0	0.071	0.0	51.4	63.1	49.3	80.1	38	1.0	0.1	0.0
39	37	33	1.0	0.083	0.0	52.1	62.6	50.7	80.6	39	1.0	0.117	0.0
40	38	34	1.0	0.095	0.0	52.7	62.1	52.1	81.1	40	1.0	0.133	0.0
41	39	36	1.0	0.107	0.0	53.3	61.6	53.5	81.6	41	1.0	0.15	0.0
42	40	37	1.0	0.12	0.0	53.9	61.0	54.9	82.1	42	1.0	0.167	0.0
43	41	38	1.0	0.132	0.0	54.6	60.0	55.9	82.0	43	1.0	0.183	0.0
44	42	39	1.0	0.144	0.0	55.3	58.6	56.6	81.5	44	1.0	0.2	0.0
45	43	40	1.0	0.156	0.0	56.0	57.3	57.3	81.0	45	1.0	0.217	0.0
46	44	41	1.0	0.168	0.0	56.6	55.9	57.9	80.5	46	1.0	0.233	0.0
47	45	42	1.0	0.18	0.0	57.3	54.6	58.5	80.0	47	1.0	0.25	0.0
48	46	43	1.0	0.192	0.0	58.0	53.2	59.1	79.5	48	1.0	0.267	0.0
49	47	44	1.0	0.204	0.0	58.7	51.8	59.6	79.0	49	1.0	0.283	0.0
50	48	46	1.0	0.216	0.0	59.4	50.5	60.1	78.5	50	1.0	0.3	0.0
51	49	47	1.0	0.228	0.0	60.1	49.1	60.6	78.0	51	1.0	0.317	0.0
52	50	48	1.0	0.24	0.0	60.8	47.7	61.1	77.5	52	1.0	0.333	0.0
53	51	49	1.0	0.252	0.0	61.5	46.4	61.5	77.1	53	1.0	0.383	0.0
54	52	50	1.0	0.267	0.0	62.1	45.2	62.2	76.9	54	1.0	0.4	0.0
55	53	51	1.0	0.281	0.0	62.8	44.0	62.8	76.6	55	1.0	0.417	0.0
56	54	52	1.0	0.295	0.0	63.4	42.7	63.4	76.4	56	1.0	0.433	0.0
57	55	53	1.0	0.309	0.0	64.1	41.5	63.9	76.2	57	1.0	0.45	0.0
58	56	54	1.0	0.324	0.0	64.7	40.3	64.5	76.0	58	1.0	0.467	0.0
59	57	56	1.0	0.338	0.0	65.4	39.0	65.0	75.8	59	1.0	0.483	0.0
60	58	57	1.0	0.352	0.0	66.0	37.8	65.5	75.6	60	1.0	0.5	0.0
61	59	58	1.0	0.367	0.0	66.7	36.6	65.9	75.4	61	1.0	0.517	0.0
62	60	59	1.0	0.381	0.0	67.3	35.3	66.5	75.3	62	1.0	0.533	0.0
63	61	60	1.0	0.395	0.0	67.9	34.2	67.0	75.2	63	1.0	0.55	0.0
64	62	61	1.0	0.41	0.0	68.6	33.0	67.6	75.2	64	1.0	0.567	0.0
65	63	62	1.0	0.424	0.0	69.2	31.8	68.2	75.2	65	1.0	0.583	0.0
66	64	63	1.0	0.439	0.0	69.9	30.6	68.7	75.2	66	1.0	0.6	0.0
67	65	64	1.0	0.453	0.0	70.5	29.4	69.2	75.2	67	1.0	0.617	0.0
68	66	66	1.0	0.467	0.0	71.1	28.1	69.7	75.1	68	1.0	0.633	0.0
69	67	67	1.0	0.482	0.0	71.8	26.9	70.1	75.1	69	1.0	0.65	0.0
70	68	68	1.0	0.496	0.0	72.4	25.7	70.6	75.1	70	1.0	0.667	0.0
71	69	69	1.0	0.515	0.0	73.1	24.5	71.2	75.3	71	1.0	0.683	0.0
72	70	70	1.0	0.536	0.0	73.8	23.3	71.8	75.5	72	1.0	0.7	0.0
73	71	71	1.0	0.557	0.0	74.4	22.1	72.4	75.7	73	1.0	0.717	0.0
74	72	72	1.0	0.578	0.0	75.1	20.9	73.0	75.9	74	1.0	0.733	0.0
75	73	73	1.0	0.599	0.0	75.8	19.7	73.5	76.1	75	1.0	0.75	0.0
76	74	74	1.0	0.62	0.0	76.5	18.5	74.1	76.4	76	1.0	0.75	0.0
77	75	76	1.0	0.636	0.0	77.2	17.2	74.5	76.5	77	1.0	0.75	0.0

OG330-7N, Seite der Serie 13/20, RX0, D50, XYZnw=1.9, 1.9, 1.5, 89.5, 93.2, 74.5, LAB*nw=15.0, 0.5, 1.4, 97.3, -0.6, 2.0, nicht adaptiert

Ausgabe: Laserdrucker mit Separation cmyn62*, D65 und D50, Seite 13/20

TUB-Prüfvorlage OG33; 48- & 360-stufige Bunttonkreise, Seite 13/20Eingabe: rgb^*_d setrgbcolor
Daten Laser-Drucker HRS16_96, Separationcmyn62*, D65 und D50 Ausgabe: $cmyn62^*_d=f_{62}(rgb^*_d)$

TUB-Registrierung: 20110301-OG33/OG33L0NP.PDF /.PS
Anwendung für Messung von Drucker- oder Monitorsystemen
TUB-Material: Code=rh4ta

Siehe Original/Kopie: <http://web.me.com/klaus.richter/OG33/OG33L0NP.PDF> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker mit Separation cmyn62*, 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: $h_{ab,d} = 32.3, 95.3, 151.8, 226.0, 293.6, 352.6$; 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}
77	75	76	1.0	0.636	0.0	77.2	17.2	74.5	76.5	77	1.0	0.599	0.0	75.8	19.7	73.5	76.1	75	1.0	0.75	0.0	1.0	0.62	0.0	76.5	18.5	74.1	76.4	76	1.0	0.75	0.0													
78	76	77	1.0	0.651	0.0	78.0	15.9	74.8	76.5	78	1.0	0.62	0.0	76.5	18.5	74.1	76.4	76	1.0	0.767	0.0	1.0	0.636	0.0	77.2	17.2	74.5	76.5	77	1.0	0.767	0.0													
79	77	78	1.0	0.665	0.0	78.7	14.6	75.2	76.6	79	1.0	0.636	0.0	77.2	17.2	74.5	76.5	77	1.0	0.783	0.0	1.0	0.651	0.0	78.0	15.9	74.8	76.5	78	1.0	0.783	0.0													
80	78	79	1.0	0.68	0.0	79.5	13.3	75.5	76.6	80	1.0	0.651	0.0	78.0	15.9	74.8	76.5	78	1.0	0.8	0.0	1.0	0.665	0.0	78.7	14.6	75.2	76.6	79	1.0	0.8	0.0													
81	79	80	1.0	0.695	0.0	80.3	12.0	75.7	76.7	81	1.0	0.665	0.0	78.7	14.6	75.2	76.6	79	1.0	0.817	0.0	1.0	0.68	0.0	79.5	13.3	75.5	76.6	80	1.0	0.817	0.0													
82	80	81	1.0	0.71	0.0	81.0	10.7	76.0	76.7	82	1.0	0.68	0.0	79.5	13.3	75.5	76.6	80	1.0	0.833	0.0	1.0	0.695	0.0	80.3	12.0	75.7	76.7	81	1.0	0.833	0.0													
83	81	82	1.0	0.724	0.0	81.8	9.4	76.2	76.8	83	1.0	0.695	0.0	80.3	12.0	75.7	76.7	81	1.0	0.85	0.0	1.0	0.71	0.0	81.0	10.7	76.0	76.7	82	1.0	0.85	0.0													
84	82	83	1.0	0.739	0.0	82.6	8.0	76.4	76.9	84	1.0	0.71	0.0	81.0	10.7	76.0	76.7	82	1.0	0.867	0.0	1.0	0.724	0.0	81.8	9.4	76.2	76.8	83	1.0	0.867	0.0													
85	83	85	1.0	0.757	0.0	83.4	6.7	76.3	76.6	85	1.0	0.724	0.0	81.8	9.4	76.2	76.8	83	1.0	0.883	0.0	1.0	0.757	0.0	83.4	6.7	76.3	76.6	85	1.0	0.883	0.0													
86	84	86	1.0	0.782	0.0	84.2	5.3	75.3	75.5	86	1.0	0.739	0.0	82.6	8.0	76.4	76.9	84	1.0	0.9	0.0	1.0	0.782	0.0	84.2	5.3	75.3	75.5	86	1.0	0.9	0.0													
87	85	87	1.0	0.807	0.0	85.0	3.9	74.2	74.3	87	1.0	0.757	0.0	83.4	6.7	76.3	76.6	85	1.0	0.917	0.0	1.0	0.807	0.0	85.0	3.9	74.2	74.3	87	1.0	0.917	0.0													
88	86	88	1.0	0.832	0.0	85.8	2.6	73.1	73.2	88	1.0	0.782	0.0	84.2	5.3	75.3	75.5	86	1.0	0.933	0.0	1.0	0.832	0.0	85.8	2.6	73.1	73.2	88	1.0	0.933	0.0													
89	87	89	1.0	0.857	0.0	86.7	1.3	72.0	72.0	89	1.0	0.807	0.0	85.0	3.9	74.2	74.3	87	1.0	0.95	0.0	1.0	0.857	0.0	86.7	1.3	72.0	72.0	89	1.0	0.95	0.0													
90	88	90	1.0	0.882	0.0	87.5	0.0	71.8	71.8	90	1.0	0.832	0.0	85.8	2.6	73.1	73.2	88	1.0	0.967	0.0	1.0	0.882	0.0	87.5	0.0	71.8	71.8	90	1.0	0.967	0.0													
91	89	91	1.0	0.904	0.0	88.4	-1.2	73.8	73.8	91	1.0	0.857	0.0	86.7	1.3	72.0	72.0	89	1.0	0.983	0.0	1.0	0.904	0.0	88.4	-1.2	73.8	73.8	91	1.0	0.983	0.0													
92	90	92	1.0	0.927	0.0	89.2	-2.5	75.7	75.7	92	1.0	0.882	0.0	87.5	0.0	71.8	71.8	90	1.0	1.0	0.0	1.0	0.927	0.0	89.2	-2.5	75.7	75.7	92	1.0	1.0	0.0	J_e												
93	91	93	1.0	0.949	0.0	90.1	-4.0	77.6	77.7	93	1.0	0.904	0.0	88.4	-1.2	73.8	73.8	91	0.983	1.0	0.0	1.0	0.949	0.0	90.1	-4.0	77.6	77.7	93	0.983	1.0	0.0													
94	92	95	1.0	0.971	0.0	91.0	-5.5	79.4	79.6	94	1.0	0.927	0.0	89.2	-2.5	75.7	75.7	92	0.967	1.0	0.0	1.0	0.994	0.0	91.9	-7.0	81.3	81.6	95	0.967	1.0	0.0													
95	93	96	1.0	0.994	0.0	91.9	-7.0	81.3	81.6	95	1.0	0.949	0.0	90.1	-4.0	77.6	77.7	93	0.95	1.0	0.0	0.943	1.0	0.0	93.0	-8.9	85.9	86.3	96	0.95	1.0	0.0													
96	94	97	0.943	1.0	0.0	93.0	-8.9	85.9	86.3	96	1.0	0.971	0.0	91.0	-5.5	79.4	79.6	94	0.933	1.0	0.0	0.871	1.0	0.0	93.8	-11.0	90.4	91.1	97	0.933	1.0	0.0													
97	95	98	0.871	1.0	0.0	93.8	-11.0	90.4	91.1	97	1.0	0.994	0.0	91.9	-7.0	81.3	81.6	95	0.917	1.0	0.0	0.843	1.0	0.0	92.6	-12.4	88.8	89.7	98	0.917	1.0	0.0													
98	96	99	0.843	1.0	0.0	92.6	-12.4	88.8	89.7	98	0.943	1.0	0.0	93.0	-8.9	85.9	86.3	96	0.9	1.0	0.0	0.815	1.0	0.0	91.4	-13.7	87.1	88.2	99	0.9	1.0	0.0													
99	97	100	0.815	1.0	0.0	91.4	-13.7	87.1	88.2	99	0.871	1.0	0.0	93.8	-11.0	90.4	91.1	97	0.883	1.0	0.0	0.787	1.0	0.0	90.2	-15.0	85.5	86.8	100	0.883	1.0	0.0													
100	98	102	0.787	1.0	0.0	90.2	-15.0	85.5	86.8	100	0.843	1.0	0.0	92.6	-12.4	88.8	89.7	98	0.867	1.0	0.0	0.741	1.0	0.0	88.0	-17.4	82.2	84.0	102	0.867	1.0	0.0													
101	99	103	0.76	1.0	0.0	89.1	-16.2	83.8	85.3	101	0.815	1.0	0.0	91.4	-13.7	87.1	88.2	99	0.85	1.0	0.0	0.727	1.0	0.0	87.1	-18.5	80.7	82.8	103	0.85	1.0	0.0													
102	100	104	0.741	1.0	0.0	88.0	-17.4	82.2	84.0	102	0.787	1.0	0.0	90.2	-15.0	85.5	86.8	100	0.833	1.0	0.0	0.712	1.0	0.0	86.1	-19.6	79.1	81.5	104	0.833	1.0	0.0													
103	101	105	0.727	1.0	0.0	87.1	-18.5	80.7	82.8	103	0.76	1.0	0.0	89.1	-16.2	83.8	85.3	101	0.817	1.0	0.0	0.698	1.0	0.0	85.2	-20.7	77.5	80.3	105	0.817	1.0	0.0													
104	102	106	0.712	1.0	0.0	86.1	-19.6	79.1	81.5	104	0.741	1.0	0.0	88.0	-17.4	82.2	84.0	102	0.8	1.0	0.0	0.684	1.0	0.0	84.2	-21.7	75.9	79.0	106	0.8	1.0	0.0													
105	103	107	0.698	1.0	0.0	85.2	-20.7	77.5	80.3	105	0.727	1.0	0.0	87.1	-18.5	80.7	82.8	103	0.783	1.0	0.0	0.67	1.0	0.0	83.3	-22.6	74.4	77.8	107	0.783	1.0	0.0													
106	104	109	0.684	1.0	0.0	84.2	-21.7	75.9	79.0	106	0.712	1.0	0.0	86.1	-19.6	79.1	81.5	104	0.767	1.0	0.0	0.641	1.0	0.0	81.4	-24.4	71.1	75.2	109	0.767	1.0	0.0													
107	105	110	0.67	1.0	0.0	83.3	-22.6	74.4	77.8	107	0.698	1.0	0.0	85.2	-20.7	77.5	80.3	105	0.75	1.0	0.0	0.627	1.0	0.0	80.4	-25.2	69.5	74.0	110	0.75	1.0	0.0													
108	106	111	0.656	1.0	0.0	82.3	-23.5	72.8	76.5	108	0.684	1.0	0.0	84.2	-21.7	75.9	79.0	106	0.733	1.0	0.0	0.613	1.0	0.0	79.6	-26.2	68.4	73.3	111	0.733	1.0	0.0													
109	107	112	0.641	1.0	0.0	81.4	-24.4	71.1	75.2	109	0.67	1.0	0.0	83.3	-22.6	74.4	77.8	107	0.717	1.0	0.0	0.599	1.0	0.0	78.9	-27.1	67.3	72.6	112	0.717	1.0	0.0													
110	108	113	0.627	1.0	0.0	80.4	-25.2	69.5	74.0	110	0.656	1.0	0.0	82.3	-23.5	72.8	76.5	108	0.7	1.0	0.0	0.585	1.0	0.0	78.1	-28.0	66.3	72.0	113	0.7	1.0	0.0													
111	109	114	0.613	1.0	0.0	79.6	-26.2	68.4	73.3	111	0.641	1.0	0.0	81.4	-24.4	71.1	75.2	109	0.683	1.0	0.0	0.571	1.0	0.0	77.3	-28.9	65.2	71.4	114	0.683	1.0	0.0													
112	110	116	0.599	1.0	0.0	78.9	-27.1	67.3	72.6	112	0.627	1.0	0.0	80.4	-25.2	69.5	74.0	110	0.667	1.0	0.0	0.543	1.0	0.0	75.8	-30.6	63.0	70.1	116	0.667	1.0	0.0													
113	111	117	0.585	1.0	0.0	78.1	-28.0	66.3	72.0	113	0.613	1.0	0.0	79.6	-26.2	68.4	73.3	111	0.65	1.0	0.0	0.529	1.0	0.0	75.0	-31.5	61.9	69.5	117	0.65	1.0	0.0													
114	112	118	0.571	1.0	0.0	77.3	-28.9	65.2	71.4	114	0.599	1.0	0.0	78.9	-27.1	67.3	72.6	112	0.633	1.0	0.0	0.516	1.0	0.0	74.2	-32.2	60.8	68.9	118	0.633	1.0	0.0													
115	113	119	0.557	1.0	0.0	76.5	-29.8	64.1	70.8	115	0.585	1.0	0.0	78.1	-28.0	66.3	72.0	113	0.617	1.0	0.0	0.502	1.0	0.0	73.5	-33.0	59.7	68.3	119	0.617	1.0	0.0													
116	114	120	0.543	1.0	0.0	75.8	-30.6	63.0	70.1	116	0.571	1.0	0.0	77.3	-28.9	65.2	71.4	114	0.6	1.0	0.0	0.485	1.0	0.0	72.8	-33.8	58.8	67.9	120	0.6	1.0	0.0													
117	115	121	0.529	1.0	0.0	75.0	-31.5	61.9	69.5	117	0.557	1.0	0.0	76.5	-29.8	64.1	70.8	115	0.583	1.0	0.0	0.468	1.0	0.0	72.2	-34.7	57.8	67.5	121	0.58															

OG330-7N, Seite der Serie 14/20, RX0, D50, XYZnw=1.9, 1.9, 1.5, 89.5, 93.2, 74.5, LAB*nw=15.0, 0.5, 1.4, 97.3, -0.6, 2.0, nicht adaptiert

Ausgabe: Laserdrucker mit Separation cmyn62*, D65 und D50, Seite 14/20

TUB-Registrierung: 20110301-OG33/OG33L0NP.PDF /.PS
Anwendung für Messung von Drucker- oder Monitorsystemen
TUB-Material: Code=rh4ta

Siehe Original/Kopie: <http://web.me.com/klaus.richter/OG33/OG33L0NP.PDF> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker mit Separation cmyn62*, 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: $h_{ab,d} = 32.3, 95.3, 151.8, 226.0, 293.6, 352.6$; 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	0.452	1.0	0.0	71.6	-35.5	56.9	67.1	122	0.485	1.0	0.0
123	121	128	0.435	1.0	0.0	70.9	-36.3	56.0	66.8	123	0.468	1.0	0.0
124	122	130	0.418	1.0	0.0	70.3	-37.0	55.0	66.4	124	0.452	1.0	0.0
125	123	131	0.402	1.0	0.0	69.7	-37.8	54.1	66.0	125	0.435	1.0	0.0
126	124	132	0.385	1.0	0.0	69.0	-38.5	53.1	65.6	126	0.418	1.0	0.0
127	125	133	0.37	1.0	0.0	68.5	-39.3	52.2	65.4	127	0.402	1.0	0.0
128	126	134	0.359	1.0	0.0	68.0	-40.1	51.4	65.3	128	0.385	1.0	0.0
129	127	135	0.347	1.0	0.0	67.5	-40.9	50.7	65.2	129	0.37	1.0	0.0
130	128	137	0.335	1.0	0.0	67.0	-41.7	49.9	65.1	130	0.359	1.0	0.0
131	129	138	0.324	1.0	0.0	66.5	-42.5	49.0	65.0	131	0.347	1.0	0.0
132	130	139	0.312	1.0	0.0	66.0	-43.3	48.2	64.9	132	0.335	1.0	0.0
133	131	140	0.3	1.0	0.0	65.5	-44.1	47.4	64.8	133	0.324	1.0	0.0
134	132	141	0.289	1.0	0.0	65.0	-44.8	46.5	64.7	134	0.312	1.0	0.0
135	133	142	0.277	1.0	0.0	64.5	-45.6	45.7	64.6	135	0.3	1.0	0.0
136	134	144	0.266	1.0	0.0	64.0	-46.3	44.8	64.5	136	0.289	1.0	0.0
137	135	145	0.254	1.0	0.0	63.5	-47.0	43.9	64.4	137	0.277	1.0	0.0
138	136	146	0.24	1.0	0.0	63.0	-47.7	43.1	64.4	138	0.266	1.0	0.0
139	137	147	0.225	1.0	0.0	62.6	-48.5	42.3	64.4	139	0.254	1.0	0.0
140	138	148	0.21	1.0	0.0	62.1	-49.3	41.5	64.5	140	0.24	1.0	0.0
141	139	149	0.194	1.0	0.0	61.6	-50.1	40.6	64.5	141	0.225	1.0	0.0
142	140	151	0.179	1.0	0.0	61.1	-50.8	39.8	64.6	142	0.21	1.0	0.0
143	141	152	0.164	1.0	0.0	60.6	-51.5	38.9	64.7	143	0.194	1.0	0.0
144	142	153	0.149	1.0	0.0	60.1	-52.3	38.0	64.7	144	0.179	1.0	0.0
145	143	154	0.134	1.0	0.0	59.6	-53.0	37.2	64.8	145	0.164	1.0	0.0
146	144	155	0.116	1.0	0.0	59.1	-53.7	36.3	64.9	146	0.149	1.0	0.0
147	145	156	0.096	1.0	0.0	58.6	-54.7	35.6	65.3	147	0.134	1.0	0.0
148	146	158	0.076	1.0	0.0	58.1	-55.6	34.8	65.6	148	0.116	1.0	0.0
149	147	159	0.056	1.0	0.0	57.5	-56.4	34.0	66.0	149	0.096	1.0	0.0
150	148	160	0.036	1.0	0.0	57.0	-57.3	33.2	66.3	150	0.076	1.0	0.0
151	149	161	0.016	1.0	0.0	56.5	-58.2	32.3	66.6	151	0.056	1.0	0.0
152	150	162	0.0	1.0	0.003	56.1	-58.9	31.4	66.8	152	0.036	1.0	0.0
153	151	163	0.0	1.0	0.017	56.0	-58.9	30.1	66.3	153	0.016	1.0	0.0
154	152	164	0.0	1.0	0.031	55.9	-59.0	28.8	65.7	154	0.0	1.0	0.003
155	153	165	0.0	1.0	0.045	55.8	-59.0	27.5	65.2	155	0.0	1.0	0.005
156	154	166	0.0	1.0	0.059	55.7	-58.9	26.3	64.6	156	0.0	1.0	0.0067
157	155	167	0.0	1.0	0.073	55.6	-58.9	25.0	64.1	157	0.0	1.0	0.0083
158	156	168	0.0	1.0	0.087	55.6	-58.8	23.8	63.5	158	0.0	1.0	0.1
159	157	169	0.0	1.0	0.101	55.5	-58.7	22.6	63.0	159	0.0	1.0	0.117
160	158	170	0.0	1.0	0.116	55.4	-58.6	21.4	62.4	160	0.0	1.0	0.133
161	159	170	0.0	1.0	0.13	55.3	-58.4	20.1	61.9	161	0.0	1.0	0.15
162	160	171	0.0	1.0	0.144	55.4	-58.1	18.9	61.2	162	0.0	1.0	0.167
163	161	172	0.0	1.0	0.158	55.4	-57.8	17.7	60.6	163	0.0	1.0	0.183
164	162	173	0.0	1.0	0.172	55.4	-57.5	16.5	60.0	164	0.0	1.0	0.2
165	163	174	0.0	1.0	0.186	55.4	-57.2	15.4	59.3	165	0.0	1.0	0.217
166	164	175	0.0	1.0	0.2	55.5	-56.8	14.2	58.7	166	0.0	1.0	0.233
167	165	176	0.0	1.0	0.215	55.5	-56.5	13.1	58.1	167	0.0	1.0	0.25

OG330-7N, Seite der Serie 15/20, RX0, D50, XYZnw=1.9, 1.9, 1.5, 89.5, 93.2, 74.5, LAB*nw=15.0, 0.5, 1.4, 97.3, -0.6, 2.0, nicht adaptiert

Ausgabe: Laserdrucker mit Separation cmyn62*, D65 und D50, Seite 15/20

TUB-Registrierung: 20110301-OG33/OG33L0NP.PDF /.PS
Anwendung für Messung von Drucker- oder Monitorsystemen
TUB-Material: Code=rh4ta

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Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker mit Separation cmyn62*, 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: $h_{ab,d} = 32.3, 95.3, 151.8, 226.0, 293.6, 352.6$; 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}								
167	165	176	0.0	1.0	0.215	55.5	-56.5	13.1	58.1	167	0.0	1.0	0.25								
168	166	177	0.0	1.0	0.229	55.5	-56.1	11.9	57.4	168	0.0	1.0	0.267								
169	167	178	0.0	1.0	0.243	55.5	-55.6	10.8	56.8	169	0.0	1.0	0.283								
170	168	179	0.0	1.0	0.257	55.6	-55.3	9.8	56.3	170	0.0	1.0	0.3								
171	169	180	0.0	1.0	0.27	55.6	-55.2	8.8	56.0	171	0.0	1.0	0.317								
172	170	180	0.0	1.0	0.283	55.6	-55.0	7.7	55.6	172	0.0	1.0	0.333								
173	171	181	0.0	1.0	0.297	55.6	-54.8	6.7	55.3	173	0.0	1.0	0.35								
174	172	182	0.0	1.0	0.31	55.6	-54.5	5.7	54.9	174	0.0	1.0	0.367								
175	173	183	0.0	1.0	0.324	55.7	-54.3	4.8	54.6	175	0.0	1.0	0.383								
176	174	184	0.0	1.0	0.337	55.7	-54.0	3.8	54.3	176	0.0	1.0	0.4								
177	175	185	0.0	1.0	0.35	55.7	-53.8	2.8	53.9	177	0.0	1.0	0.417								
178	176	186	0.0	1.0	0.364	55.7	-53.5	1.9	53.6	178	0.0	1.0	0.433								
179	177	187	0.0	1.0	0.377	55.8	-53.1	0.9	53.3	179	0.0	1.0	0.45								
180	178	188	0.0	1.0	0.391	55.8	-52.8	0.0	52.9	180	0.0	1.0	0.467								
181	179	189	0.0	1.0	0.405	55.9	-52.4	-0.8	52.5	181	0.0	1.0	0.483								
182	180	190	0.0	1.0	0.419	56.0	-52.1	-1.7	52.2	182	0.0	1.0	0.5								
183	181	191	0.0	1.0	0.432	56.0	-51.7	-2.6	51.8	183	0.0	1.0	0.517								
184	182	191	0.0	1.0	0.446	56.1	-51.2	-3.5	51.5	184	0.0	1.0	0.533								
185	183	192	0.0	1.0	0.46	56.2	-50.8	-4.4	51.1	185	0.0	1.0	0.55								
186	184	193	0.0	1.0	0.474	56.2	-50.4	-5.2	50.8	186	0.0	1.0	0.567								
187	185	194	0.0	1.0	0.488	56.3	-49.9	-6.0	50.4	187	0.0	1.0	0.583								
188	186	195	0.0	1.0	0.501	56.3	-49.5	-6.9	50.1	188	0.0	1.0	0.6								
189	187	196	0.0	1.0	0.513	56.3	-49.3	-7.7	50.0	189	0.0	1.0	0.617								
190	188	197	0.0	1.0	0.525	56.3	-49.1	-8.6	49.9	190	0.0	1.0	0.633								
191	189	198	0.0	1.0	0.536	56.3	-48.8	-9.4	49.8	191	0.0	1.0	0.65								
192	190	199	0.0	1.0	0.548	56.2	-48.6	-10.2	49.7	192	0.0	1.0	0.667								
193	191	200	0.0	1.0	0.56	56.2	-48.3	-11.1	49.7	193	0.0	1.0	0.683								
194	192	201	0.0	1.0	0.571	56.2	-48.0	-11.9	49.6	194	0.0	1.0	0.7								
195	193	201	0.0	1.0	0.583	56.2	-47.7	-12.7	49.5	195	0.0	1.0	0.717								
196	194	202	0.0	1.0	0.595	56.2	-47.4	-13.5	49.4	196	0.0	1.0	0.733								
197	195	203	0.0	1.0	0.606	56.1	-47.1	-14.3	49.3	197	0.0	1.0	0.75								
198	196	204	0.0	1.0	0.618	56.1	-46.7	-15.1	49.3	198	0.0	1.0	0.767								
199	197	205	0.0	1.0	0.632	56.1	-46.5	-15.9	49.2	199	0.0	1.0	0.783								
200	198	206	0.0	1.0	0.648	56.0	-46.3	-16.8	49.3	200	0.0	1.0	0.8								
201	199	207	0.0	1.0	0.665	55.9	-46.0	-17.6	49.4	201	0.0	1.0	0.817								
202	200	208	0.0	1.0	0.682	55.8	-45.8	-18.4	49.5	202	0.0	1.0	0.833								
203	201	209	0.0	1.0	0.699	55.7	-45.6	-19.3	49.6	203	0.0	1.0	0.85								
204	202	210	0.0	1.0	0.715	55.6	-45.3	-20.1	49.7	204	0.0	1.0	0.867								
205	203	211	0.0	1.0	0.732	55.5	-45.0	-20.9	49.8	205	0.0	1.0	0.883								
206	204	212	0.0	1.0	0.749	55.4	-44.7	-21.8	49.9	206	0.0	1.0	0.9								
207	205	212	0.0	1.0	0.763	55.2	-44.6	-22.7	50.2	207	0.0	1.0	0.917								
208	206	213	0.0	1.0	0.778	55.0	-44.5	-23.6	50.5	208	0.0	1.0	0.933								
209	207	214	0.0	1.0	0.792	54.8	-44.4	-24.6	50.9	209	0.0	1.0	0.95								
210	208	215	0.0	1.0	0.806	54.6	-44.2	-25.5	51.2	210	0.0	1.0	0.967								
211	209	216	0.0	1.0	0.821	54.4	-44.1	-26.4	51.5	211	0.0	1.0	0.983								
212	210	217	0.0	1.0	0.835	54.2	-43.9	-27.4	51.9	212	0.0	1.0	1.0C _s								
0.0	1.0	0.806	54.6	-44.2	-25.5	51.2	210	0.0	1.0	1.0C _e	0.0	1.0	0.899	53.0	-43.1	-32.5	54.1	217	0.0	1.0	1.0C _e

OG330-7N, Seite der Serie 16/20, RX0, D50, XYZnw=1.9, 1.9, 1.5, 89.5, 93.2, 74.5, LAB*nw=15.0, 0.5, 1.4, 97.3, -0.6, 2.0, nicht adaptiert

Ausgabe: Laserdrucker mit Separation cmyn62*, D65 und D50, Seite 16/20

TUB-Registrierung: 20110301-OG33/OG33L0NP.PDF /.PS
Anwendung für Messung von Drucker- oder Monitorsystemen
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$h_{ab,d}$	$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$								$LAB^*_{dd361Mix}(x=LabCh)$								$rgb^*_{ds361Mi}$				$LAB^*_{ds361Mix}(x=LabCh)$				rgb^*_{s50M}				$rgb^*_{de361Mi}$				$LAB^*_{de361Mix}(x=LabCh)$				rgb^*_{e50M}				rgb^*_{dd}				rgb^*_{ds}				rgb^*_{de}																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
212	210	217	0.0	1.0	0.835	54.2	-43.9	-27.4	51.9	212	0.0	1.0	0.806	54.6	-44.2	-25.5	51.2	210	0.0	1.0	1.0C _s	0.0	1.0	0.899	53.0	-43.1	-32.5	54.1	217	0.0	1.0	1.0C _e																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

OG330-7N, Seite der Serie 17/20, RX0, D50, XYZn_w=1.9, 1.9, 1.5, 89.5, 93.2, 74.5, LAB_{nw}=15.0, 0.5, 1.4, 97.3, -0.6, 2.0, nicht adaptiert

Ausgabe: Laserdrucker mit Separation cmyn62*, D65 und D50, Seite 17/20

TUB-Prüfvorlage OG33; 48- & 360-stufige Bunttonkreise, Seite 17/20Eingabe: rgb^*_d setrgbcolor
Daten Laser-Drucker HRS16_96, Separationcmyn62*, D65 und D50 Ausgabe: $cmyn62^*_d=f_{62}(rgb^*_d)$

TUB-Registrierung: 20110301-OG33/OG33L0NP.PDF /.PS
Anwendung für Messung von Drucker- oder Monitorsystemen
TUB-Material: Code=rh4ta

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$h_{ab,d}$			$h_{ab,s}$	$h_{ab,e}$	$rgb^*_{dd361Mi}$					$LAB^*_{dd361Mix}(x=LabCh)$					$rgb^*_{ds361Mi}$					$LAB^*_{ds361Mix}(x=LabCh)$					rgb^*_{s50M}					$rgb^*_{de361Mi}$					$LAB^*_{de361Mix}(x=LabCh)$					rgb^*_{e50M}					rgb^*_{dd}	rgb^*_{ds}	rgb^*_{de}
257	255	258	0.0	0.356	1.0	36.8	-11.8	-51.4	52.9	257	0.0	0.38	1.0	37.7	-13.7	-51.4	53.3	255	0.0	0.25	1.0	0.0	0.344	1.0	36.3	-10.9	-51.4	52.7	258	0.0	0.25	1.0															
258	256	259	0.0	0.344	1.0	36.3	-10.9	-51.4	52.7	258	0.0	0.368	1.0	37.3	-12.7	-51.4	53.1	256	0.0	0.233	1.0	0.0	0.333	1.0	35.9	-9.9	-51.5	52.5	259	0.0	0.233	1.0															
259	257	260	0.0	0.333	1.0	35.9	-9.9	-51.5	52.5	259	0.0	0.356	1.0	36.8	-11.8	-51.4	52.9	257	0.0	0.217	1.0	0.0	0.321	1.0	35.4	-9.0	-51.5	52.3	260	0.0	0.217	1.0															
260	258	261	0.0	0.321	1.0	35.4	-9.0	-51.5	52.3	260	0.0	0.344	1.0	36.3	-10.9	-51.4	52.7	258	0.0	0.2	1.0	0.0	0.31	1.0	35.0	-8.1	-51.4	52.2	261	0.0	0.2	1.0															
261	259	262	0.0	0.31	1.0	35.0	-8.1	-51.4	52.2	261	0.0	0.333	1.0	35.9	-9.9	-51.5	52.5	259	0.0	0.183	1.0	0.0	0.298	1.0	34.5	-7.1	-51.4	52.0	262	0.0	0.183	1.0															
262	260	263	0.0	0.298	1.0	34.5	-7.1	-51.4	52.0	262	0.0	0.321	1.0	35.4	-9.0	-51.5	52.3	260	0.0	0.167	1.0	0.0	0.286	1.0	34.0	-6.2	-51.3	51.8	263	0.0	0.167	1.0															
263	261	264	0.0	0.286	1.0	34.0	-6.2	-51.3	51.8	263	0.0	0.31	1.0	35.0	-8.1	-51.4	52.2	261	0.0	0.15	1.0	0.0	0.275	1.0	33.6	-5.3	-51.3	51.6	264	0.0	0.15	1.0															
264	262	264	0.0	0.275	1.0	33.6	-5.3	-51.3	51.6	264	0.0	0.298	1.0	34.5	-7.1	-51.4	52.0	262	0.0	0.133	1.0	0.0	0.275	1.0	33.6	-5.3	-51.3	51.6	264	0.0	0.133	1.0															
265	263	265	0.0	0.263	1.0	33.1	-4.4	-51.2	51.5	265	0.0	0.286	1.0	34.0	-6.2	-51.3	51.8	263	0.0	0.117	1.0	0.0	0.263	1.0	33.1	-4.4	-51.2	51.5	265	0.0	0.117	1.0															
266	264	266	0.0	0.252	1.0	32.7	-3.5	-51.1	51.3	266	0.0	0.275	1.0	33.6	-5.3	-51.3	51.6	264	0.0	0.1	1.0	0.0	0.252	1.0	32.7	-3.5	-51.1	51.3	266	0.0	0.1	1.0															
267	265	267	0.0	0.243	1.0	32.6	-2.6	-50.9	51.1	267	0.0	0.263	1.0	33.1	-4.4	-51.2	51.5	265	0.0	0.083	1.0	0.0	0.243	1.0	32.6	-2.6	-50.9	51.1	267	0.0	0.083	1.0															
268	266	268	0.0	0.234	1.0	32.6	-1.7	-50.7	50.8	268	0.0	0.252	1.0	32.7	-3.5	-51.1	51.3	266	0.0	0.067	1.0	0.0	0.234	1.0	32.6	-1.7	-50.7	50.8	268	0.0	0.067	1.0															
269	267	269	0.0	0.226	1.0	32.6	-0.8	-50.5	50.6	269	0.0	0.243	1.0	32.6	-2.6	-50.9	51.1	267	0.0	0.05	1.0	0.0	0.226	1.0	32.6	-0.8	-50.5	50.6	269	0.0	0.05	1.0															
270	268	270	0.0	0.217	1.0	32.6	0.0	-50.2	50.3	270	0.0	0.234	1.0	32.6	-1.7	-50.7	50.8	268	0.0	0.033	1.0	0.0	0.217	1.0	32.6	0.0	-50.2	50.3	270	0.0	0.033	1.0															
271	269	271	0.0	0.209	1.0	32.6	0.9	-50.0	50.1	271	0.0	0.226	1.0	32.6	-0.8	-50.5	50.6	269	0.0	0.017	1.0	0.0	0.209	1.0	32.6	0.9	-50.0	50.1	271	0.0	0.017	1.0															
272	270	272	0.0	0.2	1.0	32.6	1.7	-49.7	49.9	272	0.0	0.217	1.0	32.6	0.0	-50.2	50.3	270	0.0	0.0	1.0	1.0B_s	0.0	0.2	1.0	32.6	1.7	-49.7	49.9	272	0.0	0.0	1.0	1.0B_e													
273	271	273	0.0	0.192	1.0	32.6	2.6	-49.5	49.6	273	0.0	0.209	1.0	32.6	0.9	-50.0	50.1	271	0.017	0.0	1.0	0.0	0.192	1.0	32.6	2.6	-49.5	49.6	273	0.017	0.0	1.0															
274	272	274	0.0	0.183	1.0	32.6	3.4	-49.2	49.4	274	0.0	0.2	1.0	32.6	1.7	-49.7	49.9	272	0.033	0.0	1.0	0.0	0.183	1.0	32.6	3.4	-49.2	49.4	274	0.033	0.0	1.0															
275	273	275	0.0	0.175	1.0	32.6	4.3	-48.9	49.1	275	0.0	0.192	1.0	32.6	2.6	-49.5	49.6	273	0.05	0.0	1.0	0.0	0.175	1.0	32.6	4.3	-48.9	49.1	275	0.05	0.0	1.0															
276	274	276	0.0	0.167	1.0	32.6	5.1	-48.5	48.9	276	0.0	0.183	1.0	32.6	3.4	-49.2	49.4	274	0.067	0.0	1.0	0.0	0.167	1.0	32.6	5.1	-48.5	48.9	276	0.067	0.0	1.0															
277	275	276	0.0	0.158	1.0	32.6	5.9	-48.2	48.7	277	0.0	0.175	1.0	32.6	4.3	-48.9	49.1	275	0.083	0.0	1.0	0.0	0.167	1.0	32.6	5.1	-48.5	48.9	276	0.083	0.0	1.0															
278	276	277	0.0	0.15	1.0	32.6	6.7	-47.8	48.4	278	0.0	0.167	1.0	32.6	5.1	-48.5	48.9	276	0.1	0.0	1.0	0.0	0.158	1.0	32.6	5.9	-48.2	48.7	277	0.1	0.0	1.0															
279	277	278	0.0	0.141	1.0	32.6	7.5	-47.5	48.2	279	0.0	0.158	1.0	32.6	5.9	-48.2	48.7	277	0.117	0.0	1.0	0.0	0.15	1.0	32.6	6.7	-47.8	48.4	278	0.117	0.0	1.0															
280	278	279	0.0	0.133	1.0	32.6	8.3	-47.1	47.9	280	0.0	0.15	1.0	32.6	6.7	-47.8	48.4	278	0.133	0.0	1.0	0.0	0.141	1.0	32.6	7.5	-47.5	48.2	279	0.133	0.0	1.0															
281	279	280	0.0	0.124	1.0	32.6	9.1	-46.7	47.7	281	0.0	0.141	1.0	32.6	7.5	-47.5	48.2	279	0.15	0.0	1.0	0.0	0.133	1.0	32.6	8.3	-47.1	47.9	280	0.15	0.0	1.0															
282	280	281	0.0	0.114	1.0	32.4	9.9	-46.6	47.7	282	0.0	0.133	1.0	32.6	8.3	-47.1	47.9	280	0.167	0.0	1.0	0.0	0.124	1.0	32.6	9.1	-46.7	47.7	281	0.167	0.0	1.0															
283	281	282	0.0	0.104	1.0	32.2	10.7	-46.4	47.8	283	0.0	0.124	1.0	32.6	9.1	-46.7	47.7	281	0.183	0.0	1.0	0.0	0.114	1.0	32.4	9.9	-46.6	47.7	282	0.183	0.0	1.0															
284	282	283	0.0	0.095	1.0	32.0	11.6	-46.3	47.8	284	0.0	0.114	1.0	32.4	9.9	-46.6	47.7	282	0.2	0.0	1.0	0.0	0.104	1.0	32.2	10.7	-46.4	47.8	283	0.2	0.0	1.0															
285	283	284	0.0	0.085	1.0	31.9	12.4	-46.1	47.8	285	0.0	0.104	1.0	32.2	10.7	-46.4	47.8	283	0.217	0.0	1.0	0.0	0.095	1.0	32.0	11.6	-46.3	47.8	284	0.217	0.0	1.0															
286	284	285	0.0	0.075	1.0	31.7	13.2	-45.9	47.8	286	0.0	0.095	1.0	32.0	11.6	-46.3	47.8	284	0.233	0.0	1.0	0.0	0.085	1.0	31.9	12.4	-46.1	47.8	285	0.233	0.0	1.0															
287	285	286	0.0	0.065	1.0	31.5	14.0	-45.6	47.8	287	0.0	0.085	1.0	31.9	12.4	-46.1	47.8	285	0.25	0.0	1.0	0.0	0.075	1.0	31.7	13.2	-45.9	47.8	286	0.25	0.0	1.0															
288	286	287	0.0	0.055	1.0	31.3	14.8	-45.4	47.8	288	0.0	0.075	1.0	31.7	13.2	-45.9	47.8	286	0.267	0.0	1.0	0.0	0.065	1.0	31.5	14.0	-45.6	47.8	287	0.267	0.0	1.0															
289	287	288	0.0	0.045	1.0	31.1	15.6	-45.1	47.9	289	0.0	0.065	1.0	31.5	14.0	-45.6	47.8	287	0.283	0.0	1.0	0.0	0.055	1.0	31.3	14.8	-45.4	47.8	288	0.283	0.0	1.0															
290	288	289	0.0	0.035	1.0	31.0	16.4	-44.9	47.9	290	0.0	0.055	1.0	31.3	14.8	-45.4	47.8	288	0.3	0.0	1.0	0.0	0.045	1.0	31.1	15.6	-45.1	47.9	289	0.3	0.0	1.0															
291	289	290	0.0	0.026	1.0	30.8	17.2	-44.6	47.9	291	0.0	0.045	1.0	31.1	15.6	-45.1	47.9	289	0.317	0.0	1.0	0.0	0.035	1.0	31.0	16.4	-44.9	47.9	290	0.317	0.0	1.0															
292	290	291	0.0	0.016	1.0	30.6	17.9	-44.3	47.9	292	0.0	0.035	1.0	31.0	16.4	-44.9	47.9	290	0.333	0.0	1.0	0.0	0.026	1.0	30.8	17.2	-44.6	47.9	291	0.333	0.0	1.0															
293	291	292	0.0	0.006	1.0	30.4	18.7	-44.0	47.9	293B_d	0.0	0.026	1.0	30.8	17.2	-44.6	47.9	291	0.35	0.0	1.0	0.0	0.016	1.0	30.6	17.9	-44.3	47.9	292	0.35	0.0	1.0															
294	292	293	0.005	0.0	1.0	30.3	19.5	-43.7	48.0	294	0.0	0.016	1.0	30.6	17.9	-44.3	47.9	292	0.367	0.0	1.0	0.0	0.006	1.0	30.4	18.7	-44.0	47.9	293	0.367	0.0	1.0															
295	293	294	0.017	0.0	1.0	30.3	20.3	-43.5	48.1	295	0.0	0.006	1.0	30.4	18.7	-44.0	47.9	293	0.383	0.0	1.0	0.005	0.0	1.0	30.3	19.5	-43.7	48.0	294	0.383	0.0	1.0															
296	294	294	0.029	0.0	1.0	30.3	21.1	-43.2	48.2	296	0.005	0.0	1.0	30.3	19.5	-43.7	48.0	294	0.4	0.0	1.0	0.005	0.0	1.0	30.3	19.5	-43.7	48.0	294	0.4	0.0	1.0															
297	295	295	0.042	0.0	1.0	30.3	21.9	-42.9	48.3	297	0.017	0.0																																			

TUB-Registrierung: 20110301-OG33/OG33L0NP.PDF /.PS
Anwendung für Messung von Drucker- oder Monitorsystemen
TUB-Material: Code=rh4ta

Siehe Original/Kopie: <http://web.me.com/klaus.richter/OG33/OG33L0NP.PDF> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker mit Separation cmyn62*, 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: $h_{ab,d} = 32.3, 95.3, 151.8, 226.0, 293.6, 352.6$; 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	0.102 0.0 1.0	30.4 25.8 -41.2 48.7	302	0.078 0.0 1.0	30.4 24.3 -41.9 48.6	300	0.5 0.0 1.0	0.078 0.0 1.0	30.4 24.3 -41.9 48.6	300	0.5 0.0 1.0
303	301	301	0.115 0.0 1.0	30.4 26.6 -40.9 48.8	303	0.09 0.0 1.0	30.4 25.1 -41.6 48.7	301	0.517 0.0 1.0	0.09 0.0 1.0	30.4 25.1 -41.6 48.7	301	0.517 0.0 1.0
304	302	302	0.127 0.0 1.0	30.4 27.4 -40.5 49.0	304	0.102 0.0 1.0	30.4 25.8 -41.2 48.7	302	0.533 0.0 1.0	0.102 0.0 1.0	30.4 25.8 -41.2 48.7	302	0.533 0.0 1.0
305	303	303	0.137 0.0 1.0	30.5 28.2 -40.1 49.1	305	0.115 0.0 1.0	30.4 26.6 -40.9 48.8	303	0.55 0.0 1.0	0.115 0.0 1.0	30.4 26.6 -40.9 48.8	303	0.55 0.0 1.0
306	304	304	0.148 0.0 1.0	30.5 29.0 -39.8 49.3	306	0.127 0.0 1.0	30.4 27.4 -40.5 49.0	304	0.567 0.0 1.0	0.127 0.0 1.0	30.4 27.4 -40.5 49.0	304	0.567 0.0 1.0
307	305	305	0.158 0.0 1.0	30.5 29.8 -39.4 49.5	307	0.137 0.0 1.0	30.5 28.2 -40.1 49.1	305	0.583 0.0 1.0	0.137 0.0 1.0	30.5 28.2 -40.1 49.1	305	0.583 0.0 1.0
308	306	306	0.169 0.0 1.0	30.5 30.6 -39.0 49.7	308	0.148 0.0 1.0	30.5 29.0 -39.8 49.3	306	0.6 0.0 1.0	0.148 0.0 1.0	30.5 29.0 -39.8 49.3	306	0.6 0.0 1.0
309	307	307	0.179 0.0 1.0	30.6 31.4 -38.6 49.8	309	0.158 0.0 1.0	30.5 29.8 -39.4 49.5	307	0.617 0.0 1.0	0.158 0.0 1.0	30.5 29.8 -39.4 49.5	307	0.617 0.0 1.0
310	308	308	0.19 0.0 1.0	30.6 32.2 -38.2 50.0	310	0.169 0.0 1.0	30.5 30.6 -39.0 49.7	308	0.633 0.0 1.0	0.169 0.0 1.0	30.5 30.6 -39.0 49.7	308	0.633 0.0 1.0
311	309	309	0.2 0.0 1.0	30.6 32.9 -37.8 50.2	311	0.179 0.0 1.0	30.6 31.4 -38.6 49.8	309	0.65 0.0 1.0	0.179 0.0 1.0	30.6 31.4 -38.6 49.8	309	0.65 0.0 1.0
312	310	310	0.211 0.0 1.0	30.6 33.7 -37.3 50.4	312	0.19 0.0 1.0	30.6 32.2 -38.2 50.0	310	0.667 0.0 1.0	0.19 0.0 1.0	30.6 32.2 -38.2 50.0	310	0.667 0.0 1.0
313	311	311	0.221 0.0 1.0	30.7 34.5 -36.9 50.5	313	0.2 0.0 1.0	30.6 32.9 -37.8 50.2	311	0.683 0.0 1.0	0.2 0.0 1.0	30.6 32.9 -37.8 50.2	311	0.683 0.0 1.0
314	312	312	0.232 0.0 1.0	30.7 35.2 -36.4 50.7	314	0.211 0.0 1.0	30.6 33.7 -37.3 50.4	312	0.7 0.0 1.0	0.211 0.0 1.0	30.6 33.7 -37.3 50.4	312	0.7 0.0 1.0
315	313	313	0.242 0.0 1.0	30.7 36.0 -35.9 50.9	315	0.221 0.0 1.0	30.7 34.5 -36.9 50.5	313	0.717 0.0 1.0	0.221 0.0 1.0	30.6 33.7 -37.3 50.4	313	0.717 0.0 1.0
316	314	314	0.254 0.0 1.0	30.8 36.8 -35.4 51.1	316	0.232 0.0 1.0	30.7 35.2 -36.4 50.7	314	0.733 0.0 1.0	0.221 0.0 1.0	30.7 34.5 -36.9 50.5	313	0.733 0.0 1.0
317	315	315	0.267 0.0 1.0	31.0 37.5 -34.9 51.3	317	0.242 0.0 1.0	30.7 36.0 -35.9 50.9	315	0.75 0.0 1.0	0.232 0.0 1.0	30.7 35.2 -36.4 50.7	314	0.75 0.0 1.0
318	316	316	0.281 0.0 1.0	31.2 38.3 -34.4 51.6	318	0.254 0.0 1.0	30.8 36.8 -35.4 51.1	316	0.767 0.0 1.0	0.242 0.0 1.0	30.7 36.0 -35.9 50.9	315	0.767 0.0 1.0
319	317	317	0.295 0.0 1.0	31.4 39.1 -33.9 51.8	319	0.267 0.0 1.0	31.0 37.5 -34.9 51.3	317	0.783 0.0 1.0	0.254 0.0 1.0	30.8 36.8 -35.4 51.1	316	0.783 0.0 1.0
320	318	318	0.309 0.0 1.0	31.6 39.9 -33.4 52.1	320	0.281 0.0 1.0	31.2 38.3 -34.4 51.6	318	0.8 0.0 1.0	0.267 0.0 1.0	31.0 37.5 -34.9 51.3	317	0.8 0.0 1.0
321	319	319	0.323 0.0 1.0	31.8 40.7 -32.8 52.3	321	0.295 0.0 1.0	31.4 39.1 -33.9 51.8	319	0.817 0.0 1.0	0.281 0.0 1.0	31.2 38.3 -34.4 51.6	318	0.817 0.0 1.0
322	320	320	0.337 0.0 1.0	32.0 41.4 -32.3 52.6	322	0.309 0.0 1.0	31.6 39.9 -33.4 52.1	320	0.833 0.0 1.0	0.295 0.0 1.0	31.4 39.1 -33.9 51.8	319	0.833 0.0 1.0
323	321	321	0.351 0.0 1.0	32.2 42.2 -31.7 52.8	323	0.323 0.0 1.0	31.8 40.7 -32.8 52.3	321	0.85 0.0 1.0	0.309 0.0 1.0	31.6 39.9 -33.4 52.1	320	0.85 0.0 1.0
324	322	322	0.364 0.0 1.0	32.4 42.9 -31.1 53.0	324	0.337 0.0 1.0	32.0 41.4 -32.3 52.6	322	0.867 0.0 1.0	0.323 0.0 1.0	31.8 40.7 -32.8 52.3	321	0.867 0.0 1.0
325	323	323	0.381 0.0 1.0	32.6 43.7 -30.5 53.3	325	0.351 0.0 1.0	32.2 42.2 -31.7 52.8	323	0.883 0.0 1.0	0.337 0.0 1.0	32.0 41.4 -32.3 52.6	322	0.883 0.0 1.0
326	324	324	0.404 0.0 1.0	33.1 44.5 -29.9 53.7	326	0.364 0.0 1.0	32.4 42.9 -31.1 53.0	324	0.9 0.0 1.0	0.351 0.0 1.0	32.2 42.2 -31.7 52.8	323	0.9 0.0 1.0
327	325	325	0.428 0.0 1.0	33.6 45.4 -29.4 54.1	327	0.381 0.0 1.0	32.6 43.7 -30.5 53.3	325	0.917 0.0 1.0	0.364 0.0 1.0	32.4 42.9 -31.1 53.0	324	0.917 0.0 1.0
328	326	326	0.452 0.0 1.0	34.1 46.2 -28.8 54.5	328	0.404 0.0 1.0	33.1 44.5 -29.9 53.7	326	0.933 0.0 1.0	0.381 0.0 1.0	32.6 43.7 -30.5 53.3	325	0.933 0.0 1.0
329	327	327	0.475 0.0 1.0	34.6 47.0 -28.2 54.9	329	0.428 0.0 1.0	33.6 45.4 -29.4 54.1	327	0.95 0.0 1.0	0.404 0.0 1.0	33.1 44.5 -29.9 53.7	326	0.95 0.0 1.0
330	328	328	0.499 0.0 1.0	35.1 47.9 -27.5 55.3	330	0.452 0.0 1.0	34.1 46.2 -28.8 54.5	328	0.967 0.0 1.0	0.428 0.0 1.0	33.6 45.4 -29.4 54.1	327	0.967 0.0 1.0
331	329	329	0.519 0.0 1.0	35.6 48.7 -26.9 55.7	331	0.475 0.0 1.0	34.6 47.0 -28.2 54.9	329	0.983 0.0 1.0	0.452 0.0 1.0	34.1 46.2 -28.8 54.5	328	0.983 0.0 1.0
332	330	329	0.539 0.0 1.0	36.1 49.6 -26.3 56.2	332	0.499 0.0 1.0	35.1 47.9 -27.5 55.3	330	1.0 0.0 1.0	0.475 0.0 1.0	34.6 47.0 -28.2 54.9	329	1.0 0.0 1.0
333	331	330	0.559 0.0 1.0	36.6 50.5 -25.6 56.7	333	0.519 0.0 1.0	35.6 48.7 -26.9 55.7	331	1.0 0.0 0.983	0.499 0.0 1.0	35.1 47.9 -27.5 55.3	330	1.0 0.0 0.983
334	332	331	0.58 0.0 1.0	37.1 51.3 -24.9 57.1	334	0.539 0.0 1.0	36.1 49.6 -26.3 56.2	332	1.0 0.0 0.967	0.519 0.0 1.0	35.6 48.7 -26.9 55.7	331	1.0 0.0 0.967
335	333	331	0.6 0.0 1.0	37.5 52.2 -24.2 57.6	335	0.559 0.0 1.0	36.6 50.5 -25.6 56.7	333	1.0 0.0 0.95	0.519 0.0 1.0	35.6 48.7 -26.9 55.7	331	1.0 0.0 0.95
336	334	332	0.62 0.0 1.0	38.0 53.0 -23.5 58.0	336	0.58 0.0 1.0	37.1 51.3 -24.9 57.1	334	1.0 0.0 0.933	0.539 0.0 1.0	36.1 49.6 -26.3 56.2	332	1.0 0.0 0.933
337	335	333	0.641 0.0 1.0	38.4 54.0 -22.8 58.7	337	0.6 0.0 1.0	37.5 52.2 -24.2 57.6	335	1.0 0.0 0.917	0.559 0.0 1.0	36.6 50.5 -25.6 56.7	333	1.0 0.0 0.917
338	336	334	0.662 0.0 1.0	38.8 55.0 -22.1 59.3	338	0.62 0.0 1.0	38.0 53.0 -23.5 58.0	336	1.0 0.0 0.9	0.58 0.0 1.0	37.1 51.3 -24.9 57.1	334	1.0 0.0 0.9
339	337	335	0.683 0.0 1.0	39.2 56.0 -21.4 60.0	339	0.641 0.0 1.0	38.4 54.0 -22.8 58.7	337	1.0 0.0 0.883	0.6 0.0 1.0	37.5 52.2 -24.2 57.6	335	1.0 0.0 0.883
340	338	336	0.705 0.0 1.0	39.5 57.0 -20.7 60.7	340	0.662 0.0 1.0	38.8 55.0 -22.1 59.3	338	1.0 0.0 0.867	0.62 0.0 1.0	38.0 53.0 -23.5 58.0	336	1.0 0.0 0.867
341	339	337	0.726 0.0 1.0	39.9 58.0 -19.9 61.4	341	0.683 0.0 1.0	39.2 56.0 -21.4 60.0	339	1.0 0.0 0.85	0.641 0.0 1.0	38.4 54.0 -22.8 58.7	337	1.0 0.0 0.85
342	340	338	0.747 0.0 1.0	40.3 59.0 -19.1 62.0	342	0.705 0.0 1.0	39.5 57.0 -20.7 60.7	340	1.0 0.0 0.833	0.662 0.0 1.0	38.8 55.0 -22.1 59.3	338	1.0 0.0 0.833
343	341	339	0.772 0.0 1.0	40.8 60.1 -18.3 62.8	343	0.726 0.0 1.0	39.9 58.0 -19.9 61.4	341	1.0 0.0 0.817	0.683 0.0 1.0	39.2 56.0 -21.4 60.0	339	1.0 0.0 0.817
344	342	340	0.798 0.0 1.0	41.3 61.1 -17.4 63.6	344	0.747 0.0 1.0	40.3 59.0 -19.1 62.0	342	1.0 0.0 0.8	0.705 0.0 1.0	39.5 57.0 -20.7 60.7	340	1.0 0.0 0.8
345	343	341	0.823 0.0 1.0	41.9 62.2 -16.6 64.4	345	0.772 0.0 1.0	40.8 60.1 -18.3 62.8	343	1.0 0.0 0.783	0.726 0.0 1.0	39.9 58.0 -19.9 61.4	341	1.0 0.0 0.783
346	344	342	0.848 0.0 1.0	42.4 63.2 -15.7 65.2	346	0.798 0.0 1.0	41.3 61.1 -17.4 63.6	344	1.0 0.0 0.767	0.747 0.0 1.0	40.3 59.0 -19.1 62.0	342	1.0 0.0 0.767
347	345	343	0.874 0.0 1.0	43.0 64.3 -14.7 66.0	347	0.823 0.0 1.0	41.9 62.2 -16.6 64.4	345	1.0 0.0 0.75	0.772 0.0 1.0	40.8 60.1 -18.3 62.8	343	1.0 0.0 0.75

OG330-7N, Seite der Serie 19/20, RX0, D50, XYZnw=1.9, 1.9, 1.5, 89.5, 93.2, 74.5, LAB*nw=15.0, 0.5, 1.4, 97.3, -0.6, 2.0, nicht adaptiert

Ausgabe: Laserdrucker mit Separation cmyn62*, D65 und D50, Seite 19/20

TUB-Prüfvorlage OG33; 48- & 360-stufige Bunttonkreise, Seite 19/20Eingabe: rgb^*_d setrgbcolor
Daten Laser-Drucker HRS16_96, Separationcmyn62*, D65 und D50 Ausgabe: $cmyn62^*_d=f_{62}(rgb^*_d)$

TUB-Registrierung: 20110301-OG33/OG33L0NP.PDF /.PS
Anwendung für Messung von Drucker- oder Monitorsystemen
TUB-Material: Code=rh4ta

Siehe Original/Kopie: <http://web.me.com/klaus.richter/OG33/OG33L0NP.PDF> /.PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

Daten der Maximalfarbe M im Farbmetrik-System Laserdrucker mit Separation cmyn62*, 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: $h_{ab,d} = 32.3, 95.3, 151.8, 226.0, 293.6, 352.6$; 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	0.874	0.0	1.0	43.0	64.3	-14.7	66.0	347	0.823	0.0	1.0	41.9	62.2	-16.6	64.4	345	1.0	0.0	0.75	0.772	0.0	1.0	40.8	60.1	-18.3	62.8	343	1.0	0.0	0.75																																					
348	346	344	0.897	0.0	1.0	43.7	65.5	-13.8	66.9	348	0.848	0.0	1.0	42.4	63.2	-15.7	65.2	346	1.0	0.0	0.733	0.798	0.0	1.0	41.3	61.1	-17.4	63.6	344	1.0	0.0	0.733																																					
349	347	345	0.919	0.0	1.0	44.4	66.7	-12.9	67.9	349	0.874	0.0	1.0	43.0	64.3	-14.7	66.0	347	1.0	0.0	0.717	0.823	0.0	1.0	41.9	62.2	-16.6	64.4	345	1.0	0.0	0.717																																					
350	348	346	0.942	0.0	1.0	45.1	67.8	-11.9	68.9	350	0.897	0.0	1.0	43.7	65.5	-13.8	66.9	348	1.0	0.0	0.7	0.848	0.0	1.0	42.4	63.2	-15.7	65.2	346	1.0	0.0	0.7																																					
351	349	347	0.964	0.0	1.0	45.9	69.0	-10.8	69.8	351	0.919	0.0	1.0	44.4	66.7	-12.9	67.9	349	1.0	0.0	0.683	0.874	0.0	1.0	43.0	64.3	-14.7	66.0	347	1.0	0.0	0.683																																					
352	350	348	0.987	0.0	1.0	46.6	70.1	-9.8	70.8	352	0.942	0.0	1.0	45.1	67.8	-11.9	68.9	350	1.0	0.0	0.667	0.897	0.0	1.0	43.7	65.5	-13.8	66.9	348	1.0	0.0	0.667																																					
353	351	349	1.0	0.0	0.98	46.9	70.8	-8.6	71.3	353	0.964	0.0	1.0	45.9	69.0	-10.8	69.8	351	1.0	0.0	0.65	0.919	0.0	1.0	44.4	66.7	-12.9	67.9	349	1.0	0.0	0.65																																					
354	352	349	1.0	0.0	0.934	46.8	70.9	-7.4	71.3	354	0.987	0.0	1.0	46.6	70.1	-9.8	70.8	352	1.0	0.0	0.633	0.919	0.0	1.0	44.4	66.7	-12.9	67.9	349	1.0	0.0	0.633																																					
355	353	350	1.0	0.0	0.888	46.7	70.9	-6.1	71.2	355	1.0	0.0	0.98	46.9	70.8	-8.6	71.3	353	1.0	0.0	0.617	0.942	0.0	1.0	45.1	67.8	-11.9	68.9	350	1.0	0.0	0.617																																					
356	354	351	1.0	0.0	0.861	46.7	70.9	-4.9	71.1	356	1.0	0.0	0.934	46.8	70.9	-7.4	71.3	354	1.0	0.0	0.6	0.964	0.0	1.0	45.9	69.0	-10.8	69.8	351	1.0	0.0	0.6																																					
357	355	352	1.0	0.0	0.841	46.6	70.8	-3.6	70.9	357	1.0	0.0	0.888	46.7	70.9	-6.1	71.2	355	1.0	0.0	0.583	0.987	0.0	1.0	46.6	70.1	-9.8	70.8	352	1.0	0.0	0.583																																					
358	356	353	1.0	0.0	0.822	46.6	70.7	-2.4	70.8	358	1.0	0.0	0.861	46.7	70.9	-4.9	71.1	356	1.0	0.0	0.567	1.0	0.0	0.98	46.9	70.8	-8.6	71.3	353	1.0	0.0	0.567																																					
359	357	354	1.0	0.0	0.802	46.6	70.6	-1.1	70.6	359	1.0	0.0	0.841	46.6	70.8	-3.6	70.9	357	1.0	0.0	0.55	1.0	0.0	0.934	46.8	70.9	-7.4	71.3	354	1.0	0.0	0.55																																					
0	358	355	1.0	0.0	0.782	46.5	70.5	0.0	70.5	0	1.0	0.0	0.822	46.6	70.7	-2.4	70.8	358	1.0	0.0	0.533	1.0	0.0	0.888	46.7	70.9	-6.1	71.2	355	1.0	0.0	0.533																																					
1	359	356	1.0	0.0	0.762	46.5	70.3	1.2	70.3	1	1.0	0.0	0.802	46.6	70.6	-1.1	70.6	359	1.0	0.0	0.517	1.0	0.0	0.861	46.7	70.9	-4.9	71.1	356	1.0	0.0	0.517																																					
2	360	357	1.0	0.0	0.743	46.5	70.1	2.4	70.2	2	1.0	0.0	0.782	46.5	70.5	0.0	70.5	0	1.0	0.0	0.5	1.0	0.0	0.841	46.6	70.8	-3.6	70.9	357	1.0	0.0	0.5																																					
3	361	358	1.0	0.0	0.723	46.5	69.8	3.7	69.9	3	1.0	0.0	0.762	46.5	70.3	1.2	70.3	1	1.0	0.0	0.483	1.0	0.0	0.822	46.6	70.7	-2.4	70.8	358	1.0	0.0	0.483																																					
4	362	359	1.0	0.0	0.703	46.6	69.5	4.9	69.6	4	1.0	0.0	0.743	46.5	70.1	2.4	70.2	2	1.0	0.0	0.467	1.0	0.0	0.802	46.6	70.6	-1.1	70.6	359	1.0	0.0	0.467																																					
5	363	360	1.0	0.0	0.683	46.6	69.1	6.0	69.4	5	1.0	0.0	0.723	46.5	69.8	3.7	69.9	3	1.0	0.0	0.45	1.0	0.0	0.782	46.5	70.5	0.0	70.5	0	1.0	0.0	0.45																																					
6	364	361	1.0	0.0	0.664	46.7	68.8	7.2	69.1	6	1.0	0.0	0.703	46.6	69.5	4.9	69.6	4	1.0	0.0	0.433	1.0	0.0	0.762	46.5	70.3	1.2	70.3	1	1.0	0.0	0.433																																					
7	365	362	1.0	0.0	0.644	46.7	68.4	8.4	68.9	7	1.0	0.0	0.683	46.6	69.1	6.0	69.4	5	1.0	0.0	0.417	1.0	0.0	0.743	46.5	70.1	2.4	70.2	2	1.0	0.0	0.417																																					
8	366	363	1.0	0.0	0.624	46.8	68.0	9.6	68.6	8	1.0	0.0	0.664	46.7	68.8	7.2	69.1	6	1.0	0.0	0.4	1.0	0.0	0.723	46.5	69.8	3.7	69.9	3	1.0	0.0	0.4																																					
9	367	364	1.0	0.0	0.601	46.7	67.7	10.7	68.6	9	1.0	0.0	0.644	46.7	68.4	8.4	68.9	7	1.0	0.0	0.383	1.0	0.0	0.703	46.6	69.5	4.9	69.6	4	1.0	0.0	0.383																																					
10	368	365	1.0	0.0	0.578	46.6	67.4	11.9	68.5	10	1.0	0.0	0.624	46.8	68.0	9.6	68.6	8	1.0	0.0	0.367	1.0	0.0	0.683	46.6	69.1	6.0	69.4	5	1.0	0.0	0.367																																					
11	369	366	1.0	0.0	0.555	46.5	67.1	13.0	68.4	11	1.0	0.0	0.601	46.7	67.7	10.7	68.6	9	1.0	0.0	0.35	1.0	0.0	0.664	46.7	68.8	7.2	69.1	6	1.0	0.0	0.35																																					
12	370	367	1.0	0.0	0.532	46.4	66.8	14.2	68.3	12	1.0	0.0	0.578	46.6	67.4	11.9	68.5	10	1.0	0.0	0.333	1.0	0.0	0.644	46.7	68.4	8.4	68.9	7	1.0	0.0	0.333																																					
13	371	367	1.0	0.0	0.51	46.3	66.5	15.3	68.2	13	1.0	0.0	0.555	46.5	67.1	13.0	68.4	11	1.0	0.0	0.317	1.0	0.0	0.644	46.7	68.4	8.4	68.9	7	1.0	0.0	0.317																																					
14	372	368	1.0	0.0	0.486	46.3	66.3	16.5	68.3	14	1.0	0.0	0.532	46.4	66.8	14.2	68.3	12	1.0	0.0	0.3	1.0	0.0	0.624	46.8	68.0	9.6	68.6	8	1.0	0.0	0.3																																					
15	373	369	1.0	0.0	0.463	46.3	66.1	17.7	68.4	15	1.0	0.0	0.51	46.3	66.5	15.3	68.2	13	1.0	0.0	0.283	1.0	0.0	0.601	46.7	67.7	10.7	68.6	9	1.0	0.0	0.283																																					
16	374	370	1.0	0.0	0.439	46.3	65.9	18.9	68.6	16	1.0	0.0	0.486	46.3	66.3	16.5	68.3	14	1.0	0.0	0.267	1.0	0.0	0.578	46.6	67.4	11.9	68.5	10	1.0	0.0	0.267																																					
17	375	371	1.0	0.0	0.415	46.3	65.7	20.1	68.7	17	1.0	0.0	0.463	46.3	66.1	17.7	68.4	15	1.0	0.0	0.25	1.0	0.0	0.555	46.5	67.1	13.0	68.4	11	1.0	0.0	0.25																																					
18	376	372	1.0	0.0	0.391	46.3	65.5	21.3	68.9	18	1.0	0.0	0.439	46.3	65.9	18.9	68.6	16	1.0	0.0	0.233	1.0	0.0	0.532	46.4	66.8	14.2	68.3	12	1.0	0.0	0.233																																					
19	377	373	1.0	0.0	0.368	46.3	65.3	22.5	69.1	19	1.0	0.0	0.415	46.3	65.7	20.1	68.7	17	1.0	0.0	0.217	1.0	0.0	0.51	46.3	66.5	15.3	68.2	13	1.0	0.0	0.217																																					
20	378	374	1.0	0.0	0.344	46.4	65.3	23.8	69.5	20	1.0	0.0	0.391	46.3	65.5	21.3	68.9	18	1.0	0.0	0.2	1.0	0.0																																														