

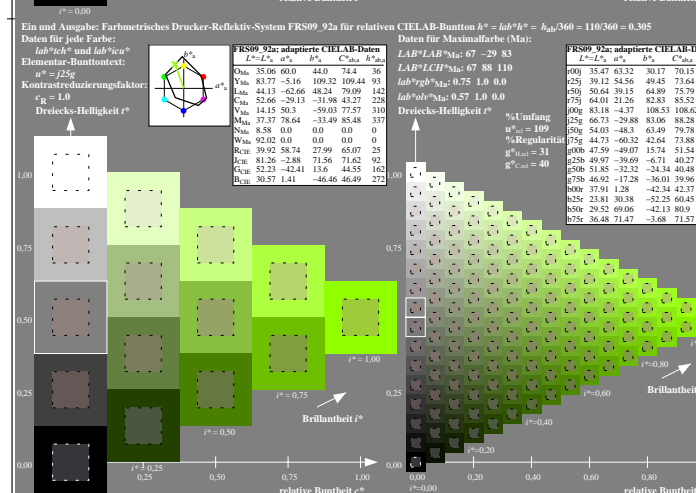
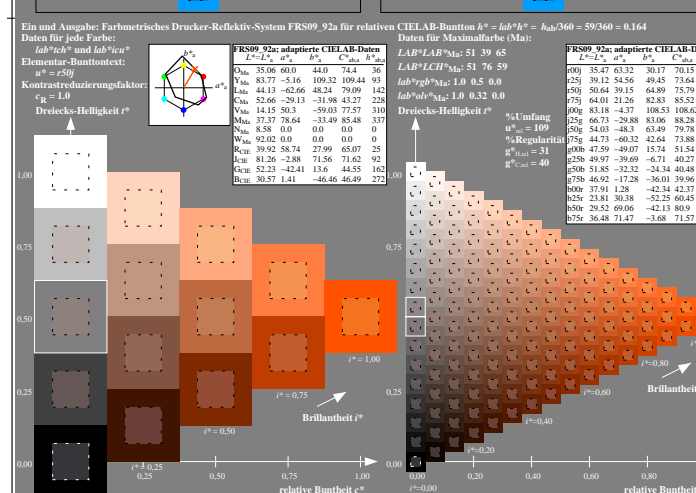
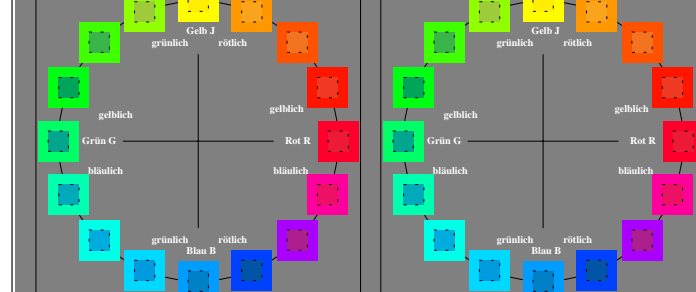
Ein und Ausgabe: Farbmetrisches Drucker-Reflexiv-System FR509\_92a für relativen CIELAB-Bunton  $h^* = lab^*h^* = h_{ab}^*/360 = 59/360 = 0.164$

Daten für jede Farbe:  
 Elementar-Buntonset:  
 $n^* = 16$  Buntonen  $r00, r25, \dots, r75$   
 Kontrastreduzierungs-faktor:  
 $c_R = 1.0$   
 Dreiecks-Helligkeit  $r^*$

$L^*$	$a^*$	$b^*$	$C_{100}$	$C_{50}$	$C_{25}$
35.06	63.32	30.17	70.15	25	25
39.12	54.56	49.45	73.64	42	42
50.84	29.15	64.89	75.79	59	59
64.01	21.26	82.83	85.52	76	76
83.18	-4.37	108.53	108.62	92	92
66.73	-29.88	83.06	88.28	110	110
54.03	-48.3	63.49	79.78	127	127
44.73	-60.32	42.64	73.88	144	144
47.59	-49.07	15.74	51.54	162	162
39.92	58.74	27.99	65.07	25	25
81.26	-2.88	71.56	71.62	92	92
52.23	-42.41	13.6	44.55	162	162
30.57	1.41	-46.46	46.49	272	272
37.91	1.28	-42.34	42.37	272	272
23.81	30.38	-52.25	60.45	300	300
29.52	69.06	-42.13	80.9	329	329
36.48	71.47	-3.68	71.57	357	357

Daten für Maximalfarbe (Ma):  
 $L^*_{max}$   $a^*_{max}$   $b^*_{max}$   $C_{100}$   $C_{50}$   $C_{25}$

35.06	60.0	44.0	74.4	36	36
83.77	-5.16	109.32	109.44	93	93
50.64	39.15	64.89	75.79	59	59
64.01	21.26	82.83	85.52	76	76
83.18	-4.37	108.53	108.62	92	92
66.73	-29.88	83.06	88.28	110	110
54.03	-48.3	63.49	79.78	127	127
44.73	-60.32	42.64	73.88	144	144
47.59	-49.07	15.74	51.54	162	162
39.92	58.74	27.99	65.07	25	25
81.26	-2.88	71.56	71.62	92	92
52.23	-42.41	13.6	44.55	162	162
30.57	1.41	-46.46	46.49	272	272
37.91	1.28	-42.34	42.37	272	272
23.81	30.38	-52.25	60.45	300	300
29.52	69.06	-42.13	80.9	329	329
36.48	71.47	-3.68	71.57	357	357



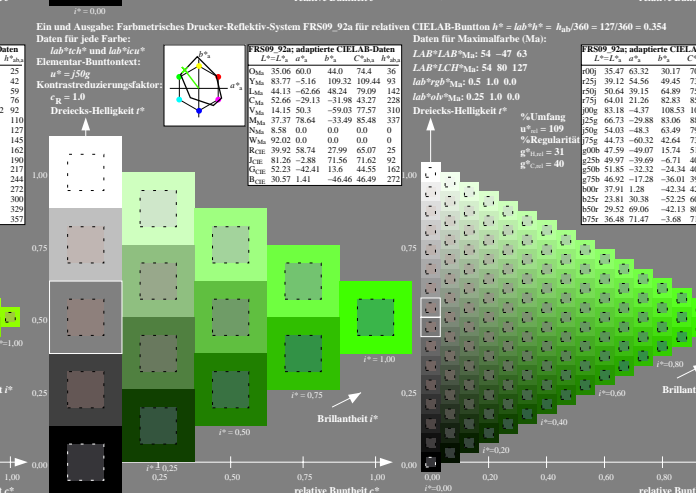
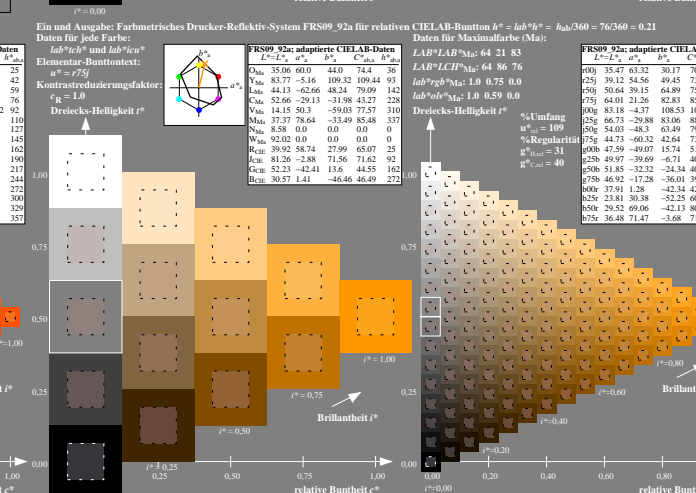
Ein und Ausgabe: Farbmetrisches Drucker-Reflexiv-System FR509\_92a für relativen CIELAB-Bunton  $h^* = lab^*h^* = h_{ab}^*/360 = 25/360 = 0.071$

Daten für jede Farbe:  
 Elementar-Buntonset:  
 $n^* = r75$   
 Kontrastreduzierungs-faktor:  
 $c_R = 1.0$   
 Dreiecks-Helligkeit  $r^*$

$L^*$	$a^*$	$b^*$	$C_{100}$	$C_{50}$	$C_{25}$
35.06	60.0	44.0	74.4	36	36
83.77	-5.16	109.32	109.44	93	93
50.64	39.15	64.89	75.79	59	59
64.01	21.26	82.83	85.52	76	76
83.18	-4.37	108.53	108.62	92	92
66.73	-29.88	83.06	88.28	110	110
54.03	-48.3	63.49	79.78	127	127
44.73	-60.32	42.64	73.88	144	144
47.59	-49.07	15.74	51.54	162	162
39.92	58.74	27.99	65.07	25	25
81.26	-2.88	71.56	71.62	92	92
52.23	-42.41	13.6	44.55	162	162
30.57	1.41	-46.46	46.49	272	272
37.91	1.28	-42.34	42.37	272	272
23.81	30.38	-52.25	60.45	300	300
29.52	69.06	-42.13	80.9	329	329
36.48	71.47	-3.68	71.57	357	357

Daten für Maximalfarbe (Ma):  
 $L^*_{max}$   $a^*_{max}$   $b^*_{max}$   $C_{100}$   $C_{50}$   $C_{25}$

35.06	60.0	44.0	74.4	36	36
83.77	-5.16	109.32	109.44	93	93
50.64	39.15	64.89	75.79	59	59
64.01	21.26	82.83	85.52	76	76
83.18	-4.37	108.53	108.62	92	92
66.73	-29.88	83.06	88.28	110	110
54.03	-48.3	63.49	79.78	127	127
44.73	-60.32	42.64	73.88	144	144
47.59	-49.07	15.74	51.54	162	162
39.92	58.74	27.99	65.07	25	25
81.26	-2.88	71.56	71.62	92	92
52.23	-42.41	13.6	44.55	162	162
30.57	1.41	-46.46	46.49	272	272
37.91	1.28	-42.34	42.37	272	272
23.81	30.38	-52.25	60.45	300	300
29.52	69.06	-42.13	80.9	329	329
36.48	71.47	-3.68	71.57	357	357



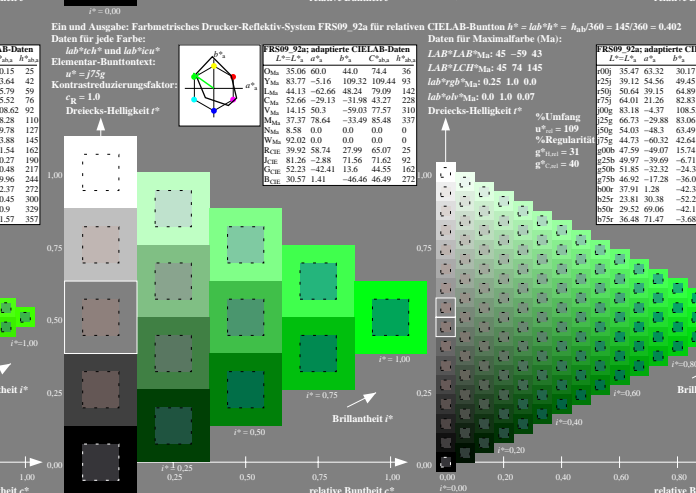
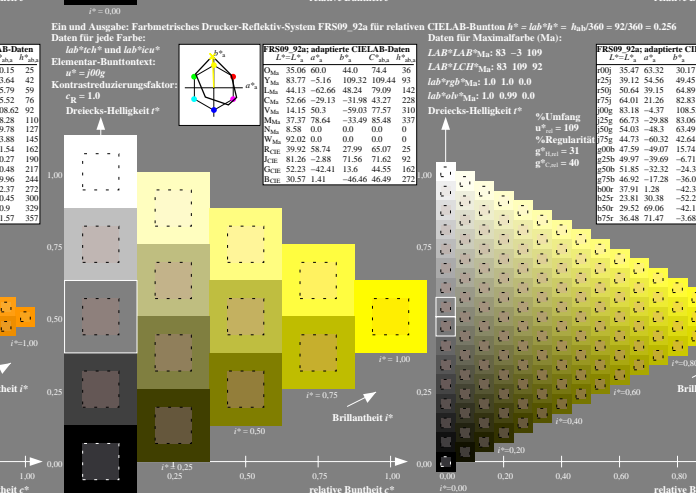
Ein und Ausgabe: Farbmetrisches Drucker-Reflexiv-System FR509\_92a für relativen CIELAB-Bunton  $h^* = lab^*h^* = h_{ab}^*/360 = 92/360 = 0.256$

Daten für jede Farbe:  
 Elementar-Buntonset:  
 $n^* = r25$   
 Kontrastreduzierungs-faktor:  
 $c_R = 1.0$   
 Dreiecks-Helligkeit  $r^*$

$L^*$	$a^*$	$b^*$	$C_{100}$	$C_{50}$	$C_{25}$
35.06	60.0	44.0	74.4	36	36
83.77	-5.16	109.32	109.44	93	93
50.64	39.15	64.89	75.79	59	59
64.01	21.26	82.83	85.52	76	76
83.18	-4.37	108.53	108.62	92	92
66.73	-29.88	83.06	88.28	110	110
54.03	-48.3	63.49	79.78	127	127
44.73	-60.32	42.64	73.88	144	144
47.59	-49.07	15.74	51.54	162	162
39.92	58.74	27.99	65.07	25	25
81.26	-2.88	71.56	71.62	92	92
52.23	-42.41	13.6	44.55	162	162
30.57	1.41	-46.46	46.49	272	272
37.91	1.28	-42.34	42.37	272	272
23.81	30.38	-52.25	60.45	300	300
29.52	69.06	-42.13	80.9	329	329
36.48	71.47	-3.68	71.57	357	357

Daten für Maximalfarbe (Ma):  
 $L^*_{max}$   $a^*_{max}$   $b^*_{max}$   $C_{100}$   $C_{50}$   $C_{25}$

35.06	60.0	44.0	74.4	36	36
83.77	-5.16	109.32	109.44	93	93
50.64	39.15	64.89	75.79	59	59
64.01	21.26	82.83	85.52	76	76
83.18	-4.37	108.53	108.62	92	92
66.73	-29.88	83.06	88.28	110	110
54.03	-48.3	63.49	79.78	127	127
44.73	-60.32	42.64	73.88	144	144
47.59	-49.07	15.74	51.54	162	162
39.92	58.74	27.99	65.07	25	25
81.26	-2.88	71.56	71.62	92	92
52.23	-42.41	13.6	44.55	162	162
30.57	1.41	-46.46	46.49	272	272
37.91	1.28	-42.34	42.37	272	272
23.81	30.38	-52.25	60.45	300	300
29.52	69.06	-42.13	80.9	329	329
36.48	71.47	-3.68	71.57	357	357



Ein und Ausgabe: Farbmetrisches Drucker-Reflexiv-System FR509\_92a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}^*/360 = 59/360 = 0.164$

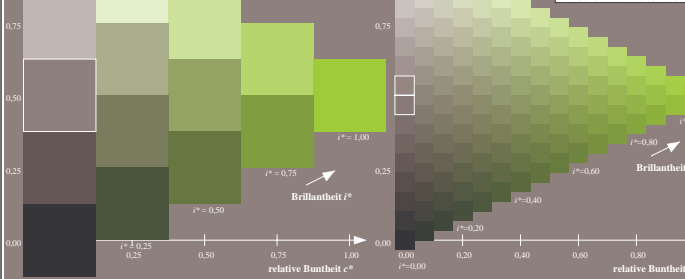
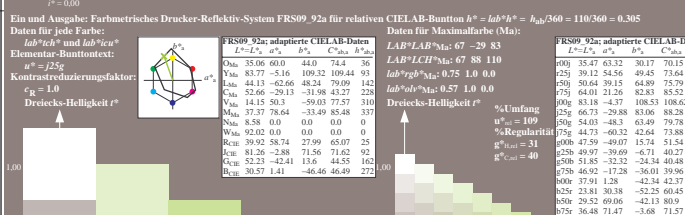
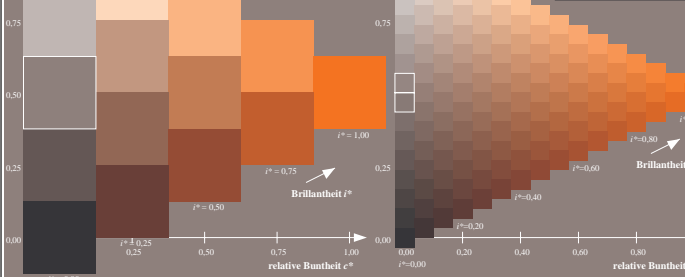
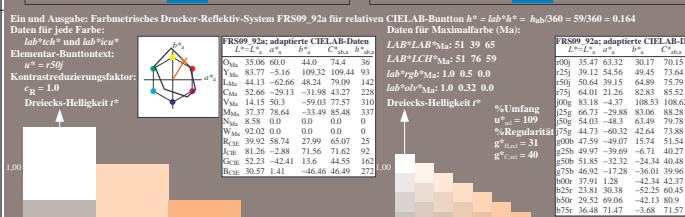
Daten für jede Farbe:

Elementar-Bunttonext:  
 $u^* = 16$  Buntton  $r00$ ,  $r25$ , ...,  $r75$   
 Kontrastreduzierungs-faktor:  
 $c_R = 1.0$   
 Dreiecks-Helligkeit  $i^*$

$L^*$	$a^*$	$b^*$	$C_{100}^*$	$M_{100}^*$	
35.06	63.32	30.17	70.15	25	
39.12	54.56	49.45	73.64	42	
50.84	29.15	64.89	75.79	59	
64.01	21.26	82.83	85.52	76	
83.18	-4.37	108.53	108.62	92	
95.67	-29.13	-31.98	83.27	228	
14.15	50.3	-59.03	77.57	310	
37.37	78.64	-33.49	85.48	337	
8.58	0.0	0.0	0.0	0	
8.58	0.0	0.0	0.0	0	
8.58	0.0	0.0	0.0	0	
39.92	58.74	27.99	65.07	25	
62.58	49.97	-39.69	-6.71	40.27	190
65.08	51.85	-32.32	-24.34	40.48	217
67.58	46.92	-17.28	-36.01	39.96	244
80.00	37.91	1.28	-42.34	42.37	272
85.00	23.81	30.38	-52.25	60.45	300
85.00	29.52	69.06	-42.13	80.9	329
87.5	36.48	71.47	-3.68	71.57	357

Daten für Maximalfarbe (Ma):

$L^*$	$a^*$	$b^*$	$C_{100}^*$	$M_{100}^*$	
35.06	60.0	44.0	74.4	36	
83.77	-5.16	109.32	109.44	93	
50.84	39.15	64.89	75.79	59	
52.66	-29.13	-31.98	83.27	228	
14.15	50.3	-59.03	77.57	310	
37.37	78.64	-33.49	85.48	337	
8.58	0.0	0.0	0.0	0	
8.58	0.0	0.0	0.0	0	
8.58	0.0	0.0	0.0	0	
39.92	58.74	27.99	65.07	25	
62.58	49.97	-39.69	-6.71	40.27	190
65.08	51.85	-32.32	-24.34	40.48	217
67.58	46.92	-17.28	-36.01	39.96	244
80.00	37.91	1.28	-42.34	42.37	272
85.00	23.81	30.38	-52.25	60.45	300
85.00	29.52	69.06	-42.13	80.9	329
87.5	36.48	71.47	-3.68	71.57	357



Ein und Ausgabe: Farbmetrisches Drucker-Reflexiv-System FR509\_92a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}^*/360 = 25/360 = 0.071$

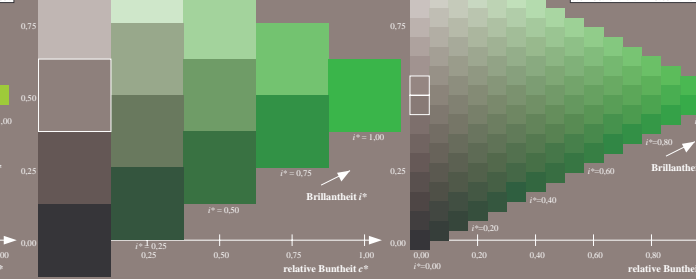
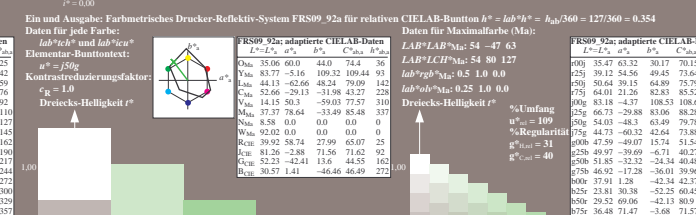
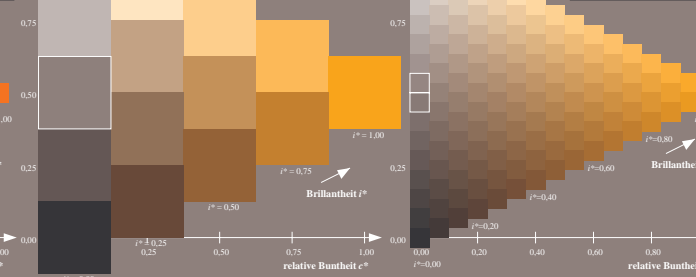
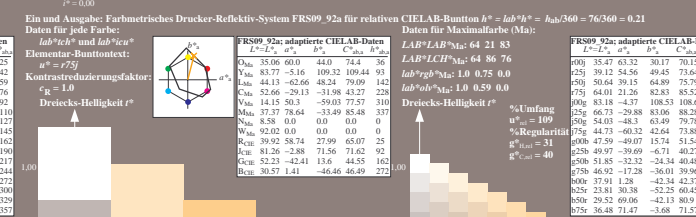
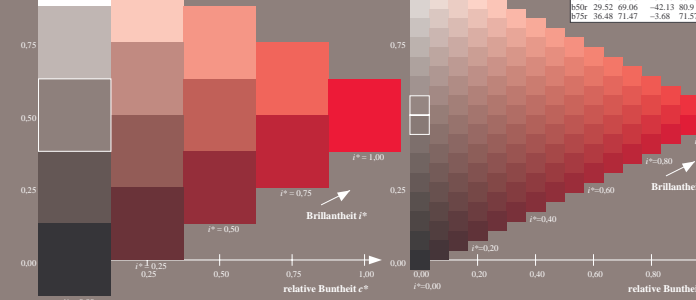
Daten für jede Farbe:

Elementar-Bunttonext:  
 $u^* = r00$   
 Kontrastreduzierungs-faktor:  
 $c_R = 1.0$   
 Dreiecks-Helligkeit  $i^*$

$L^*$	$a^*$	$b^*$	$C_{100}^*$	$M_{100}^*$	
35.06	60.0	44.0	74.4	36	
83.77	-5.16	109.32	109.44	93	
50.84	39.15	64.89	75.79	59	
52.66	-29.13	-31.98	83.27	228	
14.15	50.3	-59.03	77.57	310	
37.37	78.64	-33.49	85.48	337	
8.58	0.0	0.0	0.0	0	
8.58	0.0	0.0	0.0	0	
8.58	0.0	0.0	0.0	0	
39.92	58.74	27.99	65.07	25	
62.58	49.97	-39.69	-6.71	40.27	190
65.08	51.85	-32.32	-24.34	40.48	217
67.58	46.92	-17.28	-36.01	39.96	244
80.00	37.91	1.28	-42.34	42.37	272
85.00	23.81	30.38	-52.25	60.45	300
85.00	29.52	69.06	-42.13	80.9	329
87.5	36.48	71.47	-3.68	71.57	357

Daten für Maximalfarbe (Ma):

$L^*$	$a^*$	$b^*$	$C_{100}^*$	$M_{100}^*$	
35.06	60.0	44.0	74.4	36	
83.77	-5.16	109.32	109.44	93	
50.84	39.15	64.89	75.79	59	
52.66	-29.13	-31.98	83.27	228	
14.15	50.3	-59.03	77.57	310	
37.37	78.64	-33.49	85.48	337	
8.58	0.0	0.0	0.0	0	
8.58	0.0	0.0	0.0	0	
8.58	0.0	0.0	0.0	0	
39.92	58.74	27.99	65.07	25	
62.58	49.97	-39.69	-6.71	40.27	190
65.08	51.85	-32.32	-24.34	40.48	217
67.58	46.92	-17.28	-36.01	39.96	244
80.00	37.91	1.28	-42.34	42.37	272
85.00	23.81	30.38	-52.25	60.45	300
85.00	29.52	69.06	-42.13	80.9	329
87.5	36.48	71.47	-3.68	71.57	357



Ein und Ausgabe: Farbmetrisches Drucker-Reflexiv-System FR509\_92a für relativen CIELAB-Buntton  $h^* = \text{lab}^*h^* = h_{ab}^*/360 = 92/360 = 0.256$

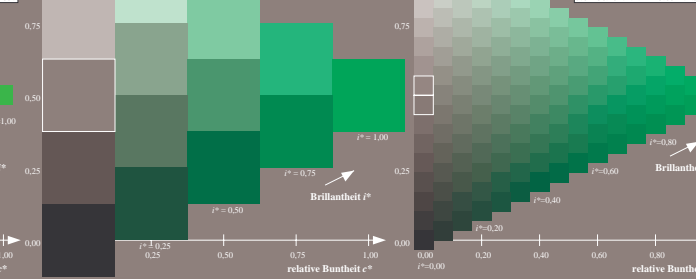
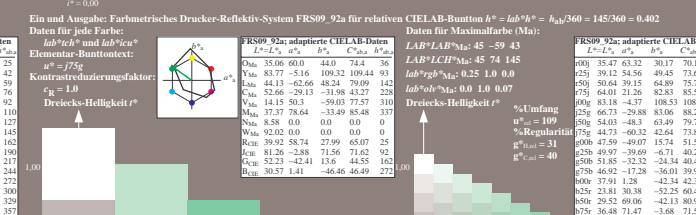
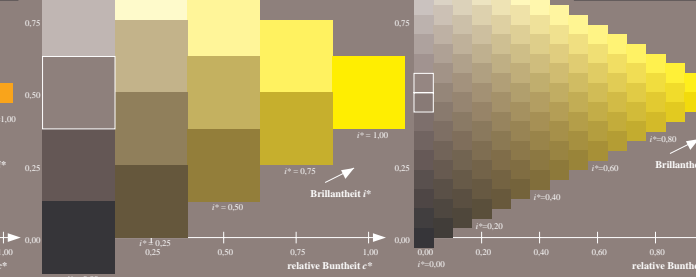
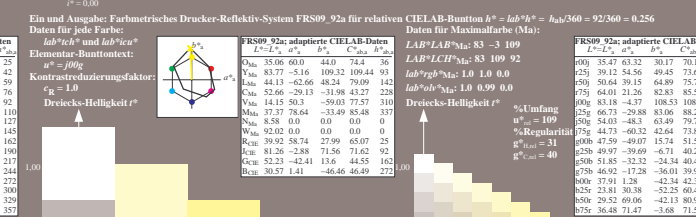
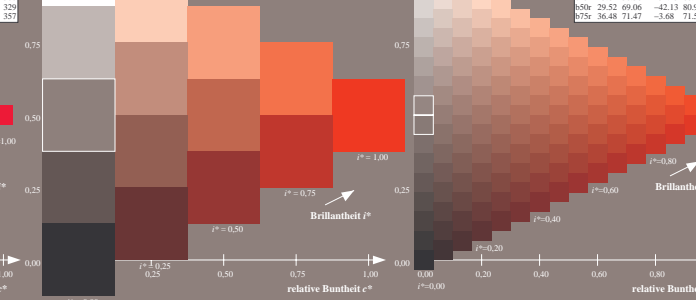
Daten für jede Farbe:

Elementar-Bunttonext:  
 $u^* = r25$   
 Kontrastreduzierungs-faktor:  
 $c_R = 1.0$   
 Dreiecks-Helligkeit  $i^*$

$L^*$	$a^*$	$b^*$	$C_{100}^*$	$M_{100}^*$	
35.06	60.0	44.0	74.4	36	
83.77	-5.16	109.32	109.44	93	
50.84	39.15	64.89	75.79	59	
52.66	-29.13	-31.98	83.27	228	
14.15	50.3	-59.03	77.57	310	
37.37	78.64	-33.49	85.48	337	
8.58	0.0	0.0	0.0	0	
8.58	0.0	0.0	0.0	0	
8.58	0.0	0.0	0.0	0	
39.92	58.74	27.99	65.07	25	
62.58	49.97	-39.69	-6.71	40.27	190
65.08	51.85	-32.32	-24.34	40.48	217
67.58	46.92	-17.28	-36.01	39.96	244
80.00	37.91	1.28	-42.34	42.37	272
85.00	23.81	30.38	-52.25	60.45	300
85.00	29.52	69.06	-42.13	80.9	329
87.5	36.48	71.47	-3.68	71.57	357

Daten für Maximalfarbe (Ma):

$L^*$	$a^*$	$b^*$	$C_{100}^*$	$M_{100}^*$	
35.06	60.0	44.0	74.4	36	
83.77	-5.16	109.32	109.44	93	
50.84	39.15	64.89	75.79	59	
52.66	-29.13	-31.98	83.27	228	
14.15	50.3	-59.03	77.57	310	
37.37	78.64	-33.49	85.48	337	
8.58	0.0	0.0	0.0	0	
8.58	0.0	0.0	0.0	0	
8.58	0.0	0.0	0.0	0	
39.92	58.74	27.99	65.07	25	
62.58	49.97	-39.69	-6.71	40.27	190
65.08	51.85	-32.32	-24.34	40.48	217
67.58	46.92	-17.28	-36.01	39.96	244
80.00	37.91	1.28	-42.34	42.37	272
85.00	23.81	30.38	-52.25	60.45	300
85.00	29.52	69.06	-42.13	80.9	329
87.5	36.48	71.47	-3.68	71.57	357



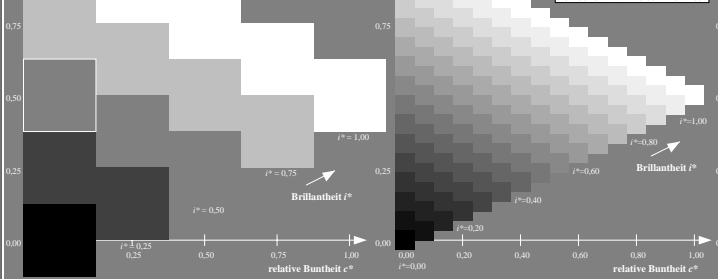
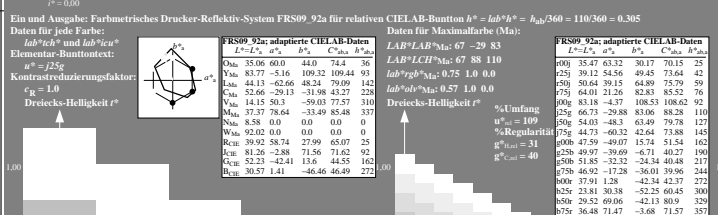
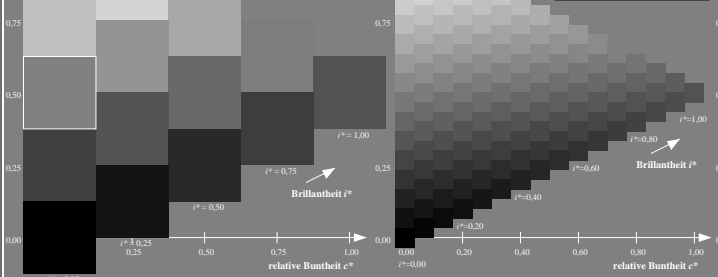
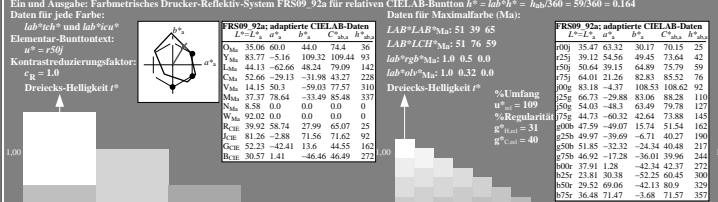
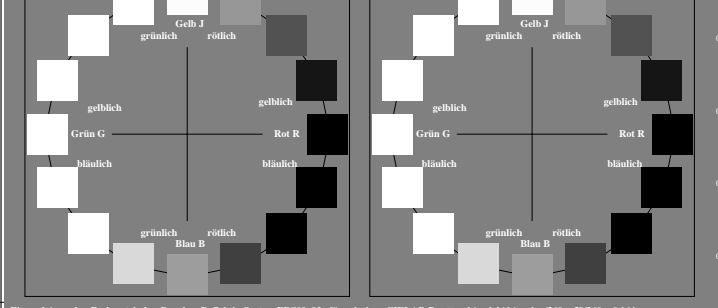


Ein und Ausgabe: Farbmetrisches Drucker-Reflexiv-System FRS99\_92a für relativen CIELAB-Buntton  $h^* = \tan^{-1} \frac{b^*}{a^*} = h_{ab}^*/360 = 59/360 = 0.164$

Daten für jede Farbe:  $lab^*/ich^*$  und  $lab^*/ica^*$   
 Elementar-Bunttonstext:  $u^* = 16$  Bunttöne  $r00$ , r25, ..., r75  
 Kontrastreduzierungsfaktor:  $c_R = 1.0$   
 Dreiecks-Helligkeit  $i^*$

Daten für Maximalfarbe (Ma):  
 $LAB^*LAB^*Ma: 39 55 49$   
 $LAB^*LCH^*Ma: 51 76 59$   
 $lab^*/rgb^*Ma: 1.0 0.5 0.0$   
 $lab^*/ob^*Ma: 1.0 0.32 0.0$   
 Dreiecks-Helligkeit  $i^*$  %Umfang  $u^* = 109$   
 %Regularität  $r^*_{reg} = 31$   
 $r^*_{reg} = 40$

Daten für Maximalfarbe (Ma):
D <sub>50</sub> : 35.06 63.32 30.17 70.15 25
L <sub>a*</sub> : 39.12 54.56 49.45 73.64 42
L <sub>b*</sub> : 50.84 29.15 64.89 75.79 59
L <sub>c*</sub> : 64.01 21.26 82.83 85.52 76
L <sub>m*</sub> : 44.13 62.66 48.24 79.09 142
L <sub>s*</sub> : 52.66 -29.13 -31.98 43.27 228
L <sub>t*</sub> : 14.15 50.3 -59.03 77.57 310
M <sub>31</sub> : 37.37 78.64 -33.49 85.48 337
M <sub>32</sub> : 8.58 0.0 0.0 0.0 0
M <sub>33</sub> : 9.92 58.74 27.99 65.07 25
M <sub>34</sub> : 81.26 -2.88 71.56 71.62 92
M <sub>35</sub> : 49.97 -39.69 -6.71 40.27 190
M <sub>36</sub> : 51.85 -32.32 -24.34 40.48 217
M <sub>37</sub> : 46.92 -17.28 -36.01 39.96 244
M <sub>38</sub> : 37.91 1.28 -42.34 42.37 272
M <sub>39</sub> : 23.81 30.38 -52.25 60.45 300
M <sub>40</sub> : 29.52 69.06 -42.13 80.9 329
M <sub>41</sub> : 36.48 71.47 -3.68 71.57 357

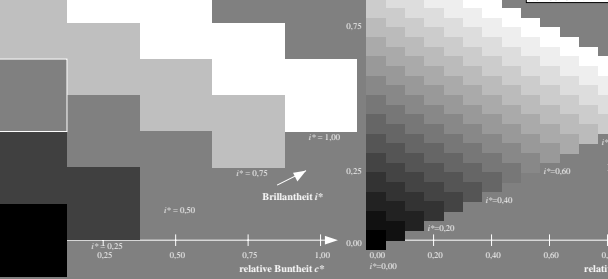
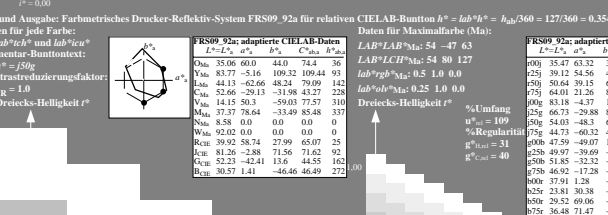
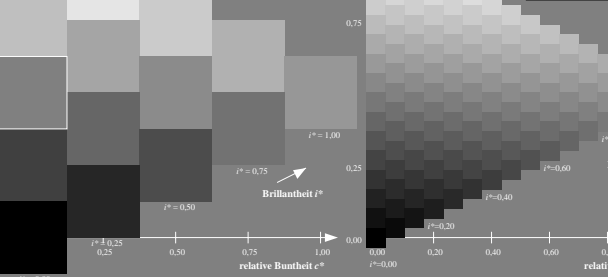
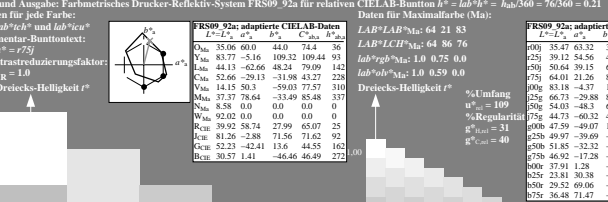
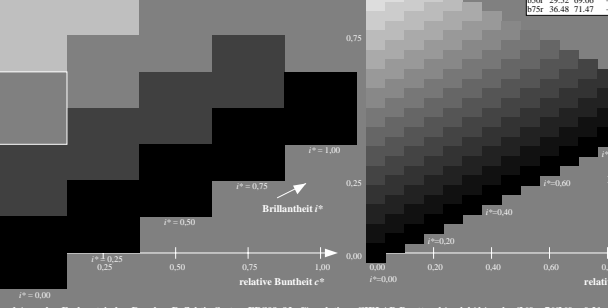


Ein und Ausgabe: Farbmetrisches Drucker-Reflexiv-System FRS99\_92a für relativen CIELAB-Buntton  $h^* = \tan^{-1} \frac{b^*}{a^*} = h_{ab}^*/360 = 25/360 = 0.071$

Daten für jede Farbe:  $lab^*/ich^*$  und  $lab^*/ica^*$   
 Elementar-Bunttonstext:  $u^* = r00$   
 Kontrastreduzierungsfaktor:  $c_R = 1.0$   
 Dreiecks-Helligkeit  $i^*$

Daten für Maximalfarbe (Ma):  
 $LAB^*LAB^*Ma: 35 63 30$   
 $LAB^*LCH^*Ma: 55 70 25$   
 $lab^*/rgb^*Ma: 1.0 0.0 0.0$   
 $lab^*/ob^*Ma: 1.0 0.0 0.18$   
 Dreiecks-Helligkeit  $i^*$  %Umfang  $u^* = 109$   
 %Regularität  $r^*_{reg} = 31$   
 $r^*_{reg} = 40$

Daten für Maximalfarbe (Ma):
D <sub>50</sub> : 35.06 60.0 44.0 74.4 36
L <sub>a*</sub> : 33.77 -5.16 109.32 109.44 93
L <sub>b*</sub> : 83.77 -5.16 109.32 109.44 93
L <sub>c*</sub> : 52.66 -29.13 -31.98 43.27 228
L <sub>m*</sub> : 44.13 62.66 48.24 79.09 142
L <sub>s*</sub> : 52.66 -29.13 -31.98 43.27 228
L <sub>t*</sub> : 14.15 50.3 -59.03 77.57 310
M <sub>31</sub> : 37.37 78.64 -33.49 85.48 337
M <sub>32</sub> : 8.58 0.0 0.0 0.0 0
M <sub>33</sub> : 9.92 58.74 27.99 65.07 25
M <sub>34</sub> : 81.26 -2.88 71.56 71.62 92
M <sub>35</sub> : 49.97 -39.69 -6.71 40.27 190
M <sub>36</sub> : 51.85 -32.32 -24.34 40.48 217
M <sub>37</sub> : 46.92 -17.28 -36.01 39.96 244
M <sub>38</sub> : 37.91 1.28 -42.34 42.37 272
M <sub>39</sub> : 23.81 30.38 -52.25 60.45 300
M <sub>40</sub> : 29.52 69.06 -42.13 80.9 329
M <sub>41</sub> : 36.48 71.47 -3.68 71.57 357



Ein und Ausgabe: Farbmetrisches Drucker-Reflexiv-System FRS99\_92a für relativen CIELAB-Buntton  $h^* = \tan^{-1} \frac{b^*}{a^*} = h_{ab}^*/360 = 92/360 = 0.117$

Daten für jede Farbe:  $lab^*/ich^*$  und  $lab^*/ica^*$   
 Elementar-Bunttonstext:  $u^* = 25$   
 Kontrastreduzierungsfaktor:  $c_R = 1.0$   
 Dreiecks-Helligkeit  $i^*$

Daten für Maximalfarbe (Ma):  
 $LAB^*LAB^*Ma: 39 55 49$   
 $LAB^*LCH^*Ma: 39 74 42$   
 $lab^*/rgb^*Ma: 1.0 0.25 0.0$   
 $lab^*/ob^*Ma: 1.0 0.08 0.0$   
 Dreiecks-Helligkeit  $i^*$  %Umfang  $u^* = 109$   
 %Regularität  $r^*_{reg} = 31$   
 $r^*_{reg} = 40$

Daten für Maximalfarbe (Ma):
D <sub>50</sub> : 35.06 60.0 44.0 74.4 36
L <sub>a*</sub> : 33.77 -5.16 109.32 109.44 93
L <sub>b*</sub> : 83.77 -5.16 109.32 109.44 93
L <sub>c*</sub> : 52.66 -29.13 -31.98 43.27 228
L <sub>m*</sub> : 44.13 62.66 48.24 79.09 142
L <sub>s*</sub> : 52.66 -29.13 -31.98 43.27 228
L <sub>t*</sub> : 14.15 50.3 -59.03 77.57 310
M <sub>31</sub> : 37.37 78.64 -33.49 85.48 337
M <sub>32</sub> : 8.58 0.0 0.0 0.0 0
M <sub>33</sub> : 9.92 58.74 27.99 65.07 25
M <sub>34</sub> : 81.26 -2.88 71.56 71.62 92
M <sub>35</sub> : 49.97 -39.69 -6.71 40.27 190
M <sub>36</sub> : 51.85 -32.32 -24.34 40.48 217
M <sub>37</sub> : 46.92 -17.28 -36.01 39.96 244
M <sub>38</sub> : 37.91 1.28 -42.34 42.37 272
M <sub>39</sub> : 23.81 30.38 -52.25 60.45 300
M <sub>40</sub> : 29.52 69.06 -42.13 80.9 329
M <sub>41</sub> : 36.48 71.47 -3.68 71.57 357

