

G7 Greyscale Compliance



Print created by:	-	Measuring device:	EFI ES-2000 - M0
Last calibration:	-	Measurement condition:	-
Proofing system:	-	Measuring underlay:	-
Control strip:	IDEAlliance ISO 12647-7 Control Wedge0	Printer:	-
Delta E format:	dE 2000	Proof profile:	-
Reference profile:	-	Proofing substrate:	-
Reference data:	-	Colorant:	-
Reference printing conditions:	-	Job ID/Name	-/ CRPC6 - Wolf ISO 12647-7 Co...
Fogra PSD Visual Assessment	-		

Summary

Criteria	Difference	Tolerance	Status
Maximum weighted CMY scale	1 dCh -	3	OK
Average weighted CMY scale	0.5 dCh -	1.5	OK
Maximum weighted K scale	4 dL -	3	Not OK
Average weighted K scale	2.3 dL -	1.5	Not OK
Maximum weighted CMY scale	3 dL -	3	OK
Average weighted CMY scale	1.6 dL -	1.5	Not OK

Overall Result

NOT PASSED

Measuring data analysis

Patch ID	Reference				Measured			Color difference							Result		
	C	M	Y	K	L*	a*	b*	L*	a*	b*	Delta E	dL*	da*	db*		dH*	Tone value diff.
1	100	0	0	0	56.00	-37.00	-50.00	53.24	-31.84	-48.68	3.23	2.76	5.16	1.32	-	-	OK
2	75	0	0	0	64.69	-27.39	-40.02	63.57	-25.36	-39.58	1.27	1.12	2.03	0.44	-	-	OK
3	50	0	0	0	75.14	-16.63	-27.88	74.22	-15.61	-28.46	0.96	0.92	1.02	0.58	-	-	OK
4	25	0	0	0	85.11	-7.40	-16.00	84.24	-7.28	-15.82	0.59	0.87	0.12	0.18	-	-	OK
5	10	0	0	0	90.99	-2.33	-8.84	90.38	-2.50	-8.26	0.62	0.61	0.17	0.58	-	-	OK
6	0	100	0	0	48.00	75.00	-4.00	48.05	74.15	-2.65	0.56	0.05	0.85	1.35	-	-	OK
7	0	75	0	0	57.52	57.16	-6.36	58.23	56.54	-5.12	0.86	0.71	0.62	1.24	-	-	OK
8	0	50	0	0	70.07	35.98	-7.49	69.80	37.36	-5.86	1.12	0.27	1.38	1.63	-	-	OK
9	0	25	0	0	82.52	17.67	-6.39	82.88	17.18	-4.21	1.43	0.36	0.49	2.18	-	-	OK
10	0	10	0	0	89.89	7.72	-5.04	89.79	7.47	-2.81	1.73	0.10	0.25	2.23	-	-	OK
11	0	0	100	0	89.00	-4.00	93.00	87.74	-5.58	90.81	1.27	1.26	1.58	2.19	-	-	OK
12	0	0	75	0	90.02	-3.70	68.06	88.77	-5.52	66.96	1.41	1.25	1.82	1.10	-	-	OK
13	0	0	50	0	91.49	-2.75	41.34	89.90	-4.01	43.48	1.47	1.59	1.26	2.14	-	-	OK
14	0	0	25	0	93.13	-1.11	17.92	91.97	-1.23	17.45	0.77	1.16	0.12	0.47	-	-	OK
15	0	0	10	0	94.22	0.12	4.76	93.58	0.19	4.80	0.40	0.64	0.07	0.04	-	-	OK
16	100	100	100	100	9.05	0.20	0.39	14.34	0.61	-1.19	3.75	5.29	0.41	1.58	-	-	OK
17	0	0	0	3	92.81	0.96	-3.89	93.41	0.82	-2.39	1.38	0.60	0.14	1.50	-	-	OK
18	0	0	0	10	87.87	0.88	-3.73	89.12	0.70	-2.48	1.37	1.25	0.18	1.25	-	-	OK
19	0	0	0	25	77.66	0.70	-3.37	79.83	0.38	-2.02	1.98	2.17	0.32	1.35	-	-	OK
20	0	0	0	50	60.40	0.46	-2.59	64.26	0.09	-1.87	3.39	3.86	0.37	0.72	-	-	OK
21	0	0	0	75	40.37	0.21	-1.49	46.74	-0.14	-1.38	5.92	6.37	0.35	0.11	-	-	OK
22	0	0	0	90	25.78	0.13	-0.63	33.29	-0.24	-0.98	5.81	7.51	0.37	0.35	-	-	OK
23	0	0	0	100	16.00	0.00	0.00	20.71	-0.29	-0.99	3.37	4.71	0.29	0.99	-	-	OK
24	40	10	10	0	74.44	-9.18	-15.62	74.17	-8.50	-16.76	0.99	0.27	0.68	1.14	-	-	OK
25	40	40	10	0	61.88	9.83	-17.57	61.38	11.02	-19.16	1.15	0.50	1.19	1.59	-	-	OK
26	100	40	0	0	44.12	-16.25	-47.39	42.64	-14.46	-49.89	1.76	1.48	1.79	2.50	-	-	OK
27	40	100	0	0	39.03	52.81	-21.85	38.71	52.94	-21.46	0.33	0.32	0.13	0.39	-	-	OK
28	100	0	0	80	21.74	-15.31	-19.73	26.82	-16.38	-25.51	4.58	5.08	1.07	5.78	-	-	OK
29	100	100	0	80	12.86	8.39	-14.50	18.58	7.49	-19.55	5.47	5.72	0.90	5.05	-	-	OK
30	100	100	0	0	25.00	20.00	-46.00	26.01	16.62	-45.53	2.19	1.01	3.38	0.47	-	-	OK
31	75	75	0	0	38.16	17.58	-37.75	38.16	18.24	-38.39	0.28	0.00	0.66	0.64	-	-	OK
32	50	50	0	0	55.32	13.40	-28.27	54.93	14.12	-28.41	0.59	0.39	0.72	0.14	-	-	OK
33	25	25	0	0	74.05	7.94	-17.46	74.33	7.58	-16.53	0.60	0.28	0.36	0.93	-	-	OK
34	0	100	100	80	19.54	21.84	15.87	25.17	28.83	19.22	5.25	5.63	6.99	3.35	-	-	OK
35	0	100	100	0	47.00	68.00	48.00	48.45	66.39	46.75	1.49	1.45	1.61	1.25	-	-	OK
36	0	75	75	0	56.63	51.86	40.19	56.58	51.71	41.21	0.54	0.05	0.15	1.02	-	-	OK
37	0	50	50	0	68.69	32.40	27.87	67.69	32.58	30.84	1.78	1.00	0.18	2.97	-	-	OK
38	0	25	25	0	81.33	15.56	13.10	80.73	15.07	14.60	1.33	0.60	0.49	1.50	-	-	OK
39	100	0	100	80	21.55	-25.50	9.39	26.42	-32.90	12.32	4.87	4.87	7.40	2.93	-	-	OK
40	100	0	100	0	50.00	-66.00	26.00	48.49	-65.86	23.72	1.76	1.51	0.14	2.28	-	-	OK
41	75	0	75	0	60.84	-46.30	21.78	60.19	-44.54	19.15	1.31	0.65	1.76	2.63	-	-	OK
42	50	0	50	0	72.46	-26.54	14.05	71.58	-25.73	14.18	0.79	0.88	0.81	0.13	-	-	OK
43	25	0	25	0	83.52	-11.03	5.15	82.94	-11.04	4.63	0.55	0.58	0.01	0.52	-	-	OK
44	0	0	0	0	95.00	1.00	-4.00	94.92	0.85	-2.48	1.34	0.08	0.15	1.52	-	-	OK
45	3	2	2	0	92.53	1.19	-3.84	92.62	0.82	-2.59	1.18	0.09	0.37	1.25	-	-	OK
46	10	7	7	0	86.91	1.12	-3.47	86.96	1.34	-3.63	0.33	0.05	0.22	0.16	-	-	OK

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47	25	19	19	0	75.46	0.78	-2.88	75.70	1.13	-2.81	0.54	0.24	0.35	0.07	-	-	OK
48	50	40	40	0	57.46	0.38	-2.03	60.48	0.94	-1.96	2.82	3.02	0.56	0.06	-	-	OK
49	75	66	66	0	39.36	0.28	-0.72	44.96	0.87	-0.95	5.16	5.60	0.59	0.23	-	-	OK
50	90	85	85	0	28.87	0.32	0.14	34.29	1.39	-0.02	4.54	5.42	1.07	0.16	-	-	OK
51	100	100	100	0	23.00	0.00	0.00	30.62	0.98	-0.47	5.87	7.62	0.98	0.47	-	-	OK
52	10	40	10	0	71.21	23.19	-4.59	71.34	23.85	-4.64	0.36	0.13	0.66	0.05	-	-	OK
53	10	40	40	0	70.07	20.52	17.00	70.32	21.81	16.45	1.05	0.25	1.29	0.55	-	-	OK
54	0	100	40	0	48.61	71.46	16.14	48.23	70.06	17.77	0.98	0.38	1.40	1.63	-	-	OK
55	0	40	100	0	71.36	23.52	71.84	70.42	24.05	70.23	0.99	0.94	0.53	1.61	-	-	OK
56	0	100	0	80	19.30	28.12	-0.32	25.71	33.54	-1.25	5.14	6.41	5.42	0.93	-	-	OK
57	100	70	0	40	25.47	1.82	-32.62	27.41	1.44	-35.78	2.14	1.94	0.38	3.16	-	-	OK
58	100	100	0	40	20.33	13.31	-31.27	23.10	10.41	-34.07	4.08	2.77	2.90	2.80	-	-	OK
59	70	100	0	40	24.02	24.60	-24.30	27.55	26.50	-25.33	2.74	3.53	1.90	1.03	-	-	OK
60	0	100	70	40	34.66	47.17	21.98	37.91	50.70	24.22	2.99	3.25	3.53	2.24	-	-	OK
61	0	100	100	40	34.12	45.71	31.75	37.59	48.72	35.00	3.18	3.47	3.01	3.25	-	-	OK
62	0	70	100	40	41.43	31.24	39.23	44.25	32.59	41.77	2.74	2.82	1.35	2.54	-	-	OK
63	70	0	100	40	44.75	-33.19	30.74	45.73	-33.37	31.49	0.98	0.98	0.18	0.75	-	-	OK
64	100	0	100	40	37.90	-46.57	18.61	37.48	-50.37	17.68	1.52	0.42	3.80	0.93	-	-	OK
65	100	0	70	40	38.49	-43.30	3.14	38.79	-44.65	0.57	1.65	0.30	1.35	2.57	-	-	OK
66	70	40	0	40	37.72	-1.79	-26.49	39.66	-1.01	-28.75	1.83	1.94	0.78	2.26	-	-	OK
67	40	70	0	40	35.66	23.24	-16.92	39.07	24.99	-18.45	3.06	3.41	1.75	1.53	-	-	OK
68	0	70	40	40	42.56	33.89	12.27	43.87	34.46	12.94	1.27	1.31	0.57	0.67	-	-	OK
69	0	40	70	40	51.44	15.64	32.63	52.24	17.02	33.04	1.19	0.80	1.38	0.41	-	-	OK
70	40	0	70	40	53.56	-18.27	26.13	52.93	-16.84	24.35	1.15	0.63	1.43	1.78	-	-	OK
71	70	0	40	40	46.46	-26.27	-4.27	47.08	-27.71	-4.47	0.91	0.62	1.44	0.20	-	-	OK
72	70	40	40	0	51.12	-10.87	-11.01	52.86	-11.32	-13.10	2.16	1.74	0.45	2.09	-	-	OK
73	70	70	40	0	40.05	10.76	-14.57	44.03	11.82	-17.23	3.95	3.98	1.06	2.66	-	-	OK
74	40	70	40	0	47.97	28.45	-1.64	49.91	27.98	-2.01	1.96	1.94	0.47	0.37	-	-	OK
75	40	70	70	0	47.13	25.61	17.29	50.01	25.42	17.62	2.88	2.88	0.19	0.33	-	-	OK
76	40	40	70	0	59.21	2.54	25.86	60.96	3.86	24.86	2.06	1.75	1.32	1.00	-	-	OK
77	20	40	70	0	65.51	13.41	36.22	66.43	14.23	34.10	1.52	0.92	0.82	2.12	-	-	OK
78	20	70	70	0	52.64	37.00	27.19	55.14	36.28	26.37	2.44	2.50	0.72	0.82	-	-	OK
79	70	40	70	0	49.94	-15.74	10.83	52.06	-16.06	8.26	2.75	2.12	0.32	2.57	-	-	OK
80	10	10	40	0	83.72	-0.34	23.75	83.58	0.04	25.15	0.77	0.14	0.38	1.40	-	-	OK
81	40	10	40	0	72.83	-14.11	8.43	72.38	-12.61	8.72	1.28	0.45	1.50	0.29	-	-	OK
82	40	0	100	0	73.93	-24.83	66.08	73.21	-23.50	63.41	0.91	0.72	1.33	2.67	-	-	OK
83	100	0	40	0	54.26	-52.09	-19.06	50.36	-50.17	-20.63	4.03	3.90	1.92	1.57	-	-	OK
84	0	0	100	80	33.41	-4.52	30.96	39.61	-4.49	34.46	5.40	6.20	0.03	3.50	-	-	OK

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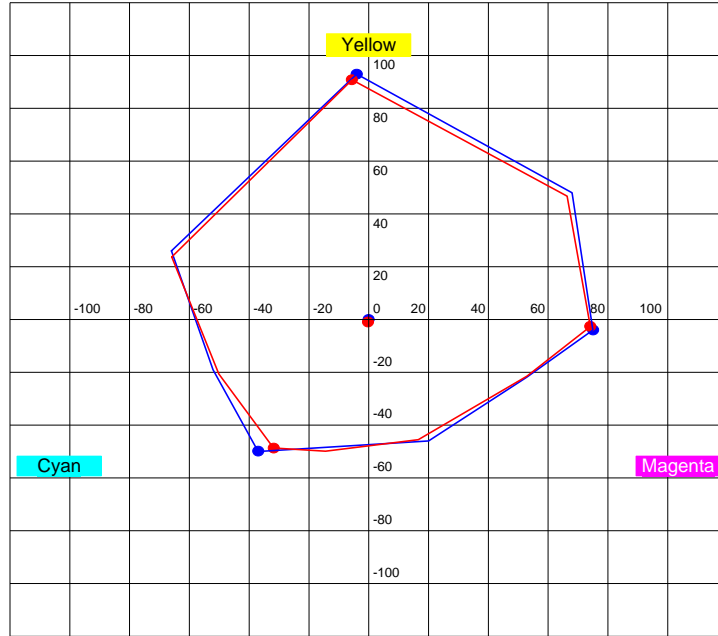
Color space comparison

- Reference
- Measured

Primary colors

- Reference
- C: L*56.00 a*-37.00 b*-50.00
- M: L*48.00 a*75.00 b*-4.00
- Y: L*89.00 a*-4.00 b*93.00
- K: L*16.00 a*0.00 b*0.00

- Measured
- C: L*53.24 a*-31.84 b*-48.68
- M: L*48.05 a*74.15 b*-2.65
- Y: L*87.74 a*-5.58 b*90.81
- K: L*20.71 a*-0.29 b*-0.99



Gradation Curves

