



Print created by:	https://cielab.xyz	Measuring device:	X-Rite i1Pro2 - M0
Last calibration:	2022_02	Measurement conditions:	D50 2gr M0
Proofing system:	EFI 7	Measuring underlay:	White Backing
Control strip:	Ugra Fogra-MediaWedge V2.2a	Printer:	Epson
Delta E format:	dE CIE76	Proof profile:	GMG Proofing Paper 2022_02
Reference profile:	ISO Coated v2 300	Proofing substrate:	GMG Proofing Paper
Reference data:	FOGRA 39L	Colorant:	Ultrachrome K3
Reference printing conditions:	ISO Coated v2	Job ID/Name	-/ ISOcoated_v2_300_eci_WP_...
Fogra PSD Visual Assessment	-		

Summary

Criteria	Difference	Tolerance	Status
Average all patches	0.9 dE -	3.0	OK
Maximum all patches	2.3 dE Patch 8	6.0	OK
Paper white	0.6 dE Patch 40	3.0	OK
Cyan	0.5 dE Patch 1	5.0	OK
Magenta	1.4 dE Patch 4	5.0	OK
Yellow	1.1 dE Patch 7	5.0	OK
Black	0.7 dE Patch 23	5.0	OK
Hue difference - CMY	0.9 dH -	2.5	OK
Hue difference - CMYK	0.9 dH -	2.5	OK
Hue difference - CMYRGB	0.9 dH -	4.0	OK
Hue diff. average gray	0.3 dH -	1.5	OK
Tone value diff.	1.4 % Patch 8	10.0	OK
Average CMYK patches	0.6 dCh -	2.5	OK
Maximum weighted CMY scale	0.7 dCh -	3.0	OK
Average weighted CMY scale	0.5 dCh -	1.5	OK
Maximum weighted K scale	0.4 dL -	3.0	OK
Average weighted K scale	0.1 dL -	1.5	OK
Maximum weighted CMY scale	0.5 dL -	3.0	OK
Average weighted CMY scale	0.2 dL -	1.5	OK

Overall Result

PASSED

Measuring data analysis

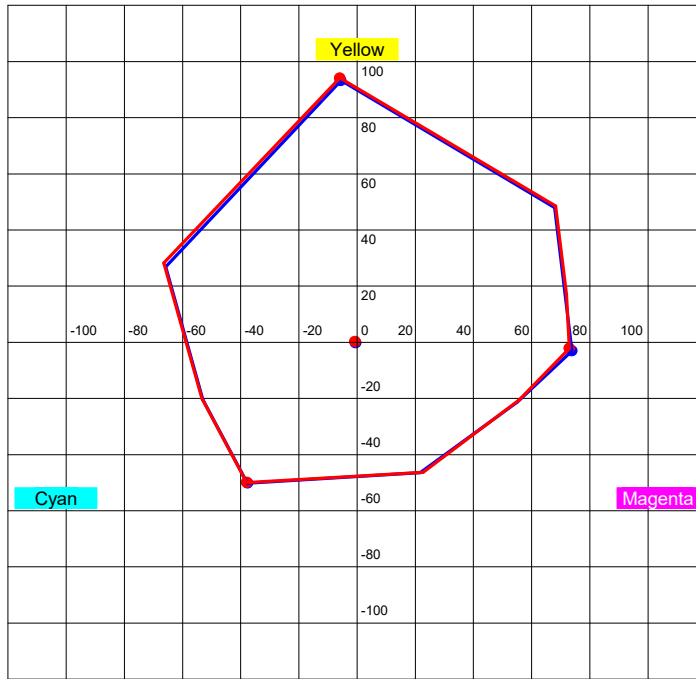
Patch ID	Reference				Measured			Delta E	Color difference				Tone value diff.	Result			
	C	M	Y	K	L*	a*	b*		dL*	da*	db*	dH*					
1	100	0	0	0	55.39	-37.69	-50.19	55.08	-37.94	-49.90	0.49	0.31	0.25	0.29	0.38	-	OK
2	70	0	0	0	67.32	-25.35	-37.20	67.32	-25.86	-36.77	0.67	0.00	0.51	0.43	0.67	-0.02%	OK
3	40	0	0	0	80.24	-13.12	-21.74	80.12	-13.37	-21.30	0.52	0.12	0.25	0.44	0.44	0.46%	OK
4	0	100	0	0	48.35	73.86	-3.10	48.13	72.92	-2.12	1.38	0.22	0.94	0.98	0.95	-	OK
5	0	70	0	0	61.27	50.37	-6.81	61.30	50.24	-6.24	0.59	0.03	0.13	0.57	0.55	-0.12%	OK
6	0	40	0	0	76.93	25.38	-6.93	77.13	25.20	-6.17	0.81	0.20	0.18	0.76	0.69	-0.25%	OK
7	0	0	100	0	89.58	-5.53	93.22	89.50	-5.97	94.21	1.09	0.08	0.44	0.99	0.38	-	OK
8	0	0	70	0	90.92	-5.23	62.72	90.65	-5.59	64.95	2.27	0.27	0.36	2.23	0.17	1.36%	OK
9	0	0	40	0	92.78	-4.04	31.28	92.74	-4.24	32.11	0.85	0.04	0.20	0.83	0.10	0.64%	OK
10	20	70	70	0	53.50	37.42	28.84	53.20	37.71	29.92	1.16	0.30	0.29	1.08	0.67	-	OK
11	40	70	70	20	41.90	22.32	16.54	41.70	22.29	17.39	0.87	0.20	0.03	0.85	0.69	-	OK
12	40	100	100	20	32.20	39.64	23.78	32.16	40.02	24.98	1.26	0.04	0.38	1.20	0.83	-	OK
13	40	100	40	20	32.82	44.15	-2.06	32.77	44.50	-0.93	1.18	0.05	0.35	1.13	1.14	-	OK
14	40	40	100	20	51.66	0.78	44.44	51.67	0.85	45.53	1.09	0.01	0.07	1.09	0.05	-	OK
15	100	40	100	20	34.87	-37.10	13.66	34.46	-37.89	14.64	1.32	0.41	0.79	0.98	0.64	-	OK
16	100	40	40	20	36.26	-26.78	-21.11	36.12	-26.91	-20.77	0.39	0.14	0.13	0.34	0.34	-	OK
17	100	100	40	20	21.19	9.07	-23.98	20.91	9.22	-23.56	0.53	0.28	0.15	0.42	0.29	-	OK
18	0	0	0	10	89.51	-0.57	-1.96	89.51	-0.70	-1.19	0.78	0.00	0.13	0.77	0.42	0.46%	OK
19	0	0	0	20	83.30	-0.65	-1.98	83.27	-0.79	-1.31	0.69	0.03	0.14	0.67	0.40	0.43%	OK
20	0	0	0	40	69.73	-0.67	-2.02	69.55	-0.82	-1.39	0.67	0.18	0.15	0.63	0.39	0.48%	OK
21	0	0	0	60	54.53	-0.64	-1.25	55.01	-0.62	-0.68	0.75	0.48	0.02	0.57	0.30	-0.47%	OK
22	0	0	0	80	36.93	-0.54	-0.79	37.10	-0.91	-0.23	0.69	0.17	0.37	0.56	0.66	-0.15%	OK
23	0	0	0	100	16.21	-0.56	-0.32	15.72	-0.64	0.12	0.66	0.49	0.08	0.44	0.45	-	OK
24	100	100	0	0	24.13	21.72	-46.43	23.85	22.62	-46.35	0.95	0.28	0.90	0.08	0.85	-	OK
25	70	70	0	0	41.26	17.45	-36.86	40.85	17.73	-36.21	0.82	0.41	0.28	0.65	0.54	-	OK
26	40	40	0	0	64.13	9.88	-23.88	64.19	9.71	-23.04	0.86	0.06	0.17	0.84	0.17	-	OK
27	0	100	100	0	47.36	67.84	47.95	47.14	68.23	48.53	0.73	0.22	0.39	0.58	0.25	-	OK
28	0	70	70	0	58.95	46.84	37.81	58.82	46.77	38.58	0.78	0.13	0.07	0.77	0.64	-	OK
29	0	40	40	0	74.67	22.54	21.43	74.59	22.31	22.66	1.25	0.08	0.23	1.23	1.04	-	OK
30	100	0	100	0	50.39	-65.82	26.95	50.20	-66.51	28.23	1.47	0.19	0.69	1.28	0.91	-	OK
31	70	0	70	0	62.60	-40.57	20.94	62.36	-41.18	21.98	1.23	0.24	0.61	1.04	0.63	-	OK
32	40	0	40	0	77.46	-19.68	11.04	77.48	-19.78	11.79	0.76	0.02	0.10	0.75	0.60	-	OK
33	10	40	40	0	71.68	18.42	17.23	71.63	18.29	18.22	1.00	0.05	0.13	0.99	0.80	-	OK
34	0	40	100	0	71.76	21.72	73.20	71.66	21.55	73.72	0.56	0.10	0.17	0.52	0.31	-	OK
35	0	100	40	0	48.09	71.03	16.12	47.84	71.96	17.07	1.35	0.25	0.93	0.95	0.72	-	OK
36	40	100	0	0	38.33	55.13	-21.22	38.12	55.70	-20.52	0.93	0.21	0.57	0.70	0.86	-	OK
37	40	0	100	0	74.15	-23.47	67.67	74.12	-23.70	68.63	0.99	0.03	0.23	0.96	0.10	-	OK
38	100	0	40	0	52.72	-53.08	-20.35	52.72	-53.33	-19.92	0.50	0.00	0.25	0.43	0.50	-	OK
39	100	40	0	0	43.65	-17.58	-48.91	43.67	-17.73	-48.44	0.49	0.02	0.15	0.47	0.31	-	OK
40	0	0	0	0	96.00	0.00	-1.50	96.21	-0.24	-0.98	0.61	0.21	0.24	0.52	0.29	-	OK
41	10	6	6	0	89.09	-0.89	-3.11	89.32	-0.95	-2.44	0.71	0.23	0.06	0.67	0.27	-	OK
42	20	12	12	0	82.51	-1.37	-4.07	82.64	-1.41	-3.36	0.72	0.13	0.04	0.71	0.29	-	OK
43	40	27	27	0	68.13	-2.46	-4.42	68.22	-2.45	-3.85	0.58	0.09	0.01	0.57	0.29	-	OK
44	60	45	45	0	52.63	-3.01	-3.66	53.18	-2.94	-2.94	0.91	0.55	0.07	0.72	0.43	-	OK
45	80	65	65	0	37.83	-4.44	-3.36	37.99	-4.51	-2.73	0.65	0.16	0.07	0.63	0.56	-	OK
46	100	85	85	0	26.56	-7.35	-3.77	26.56	-7.31	-3.48	0.29	0.00	0.04	0.29	0.24	-	OK

Color space comparison

- Reference
- Measured

Primary colors

- Reference
 - C: L*55.39 a*-37.69 b*-50.19
 - M: L*48.35 a*73.86 b*-3.10
 - Y: L*89.58 a*-5.53 b*93.22
 - K: L*16.21 a*-0.56 b*-0.32
- Measured
 - C: L*55.08 a*-37.94 b*-49.90
 - M: L*48.13 a*72.92 b*-2.12
 - Y: L*89.50 a*-5.97 b*94.21
 - K: L*15.72 a*-0.64 b*0.12



Gradation Curves

