



Print created by:	https://cielab.xyz	Measuring device:	X-Rite i1Pro2 - M0
Last calibration:	2024_09_30 Granularity 51 3cc	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:	PMPs 2024_09_30
Reference profile:	ISO Coated v2	Proofing substrate:	PMPs 250 FOGRA Sert
Reference data:	FOGRA 39L	Colorant:	Ultrachrome K3
Reference printing conditions:	ISO Coated v2 - FOGRA 39L	Job ID/Name	-/ ISOcoated_v2_300_eci_wpc_...
Fogra PSD Visual Assessment	Granularity 51 3cc		

Summary

Criteria	Difference	Tolerance	Status
Average all patches	0.9 dE -	3.0	OK
Maximum all patches	1.9 dE Patch 21	6.0	OK
Paper white	0.2 dE Patch 40	3.0	OK
Cyan	0.2 dE Patch 1	5.0	OK
Magenta	1.3 dE Patch 4	5.0	OK
Yellow	0.6 dE Patch 7	5.0	OK
Black	1.1 dE Patch 23	5.0	OK
Hue difference - CMY	1.2 dH -	2.5	OK
Hue difference - CMYK	1.2 dH -	2.5	OK
Hue difference - CMYRGB	1.4 dH -	4.0	OK
Hue diff. average gray	0.3 dH -	1.5	OK
Tone value diff.	2.2 % Patch 6	10.0	OK
Average CMYK patches	0.8 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	1.6 dL -	3.0	OK
Average weighted K scale	0.5 dL -	1.5	OK
Maximum weighted CMY scale	1.3 dL -	3.0	OK
Average weighted CMY scale	0.5 dL -	1.5	OK

Overall Result

PASSED

Measuring data analysis

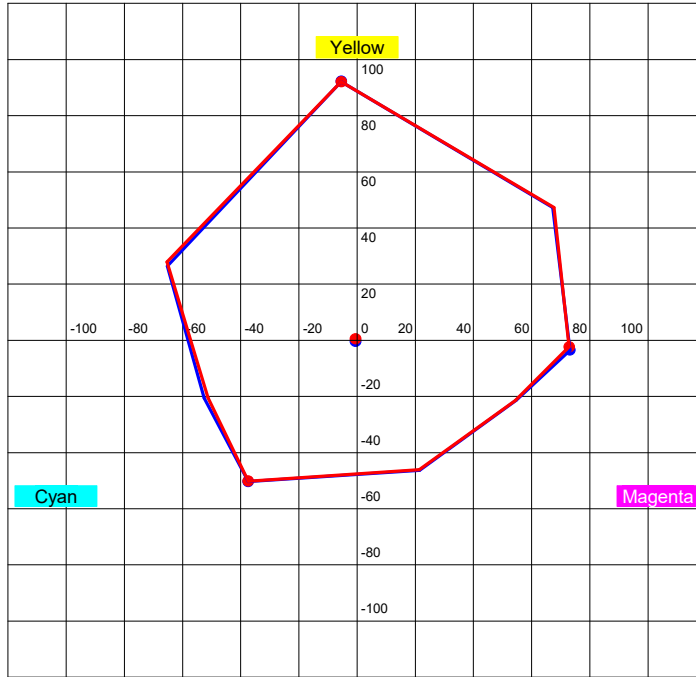
Patch ID	Reference				Measured			Color difference							Result		
	C	M	Y	K	L*	a*	b*	L*	a*	b*	Delta E	dL*	da*	db*		dH*	Tone value diff.
1	100	0	0	0	54.78	-37.36	-50.31	54.75	-37.37	-50.14	0.17	0.03	0.01	0.16	0.11	-	OK
2	70	0	0	0	66.62	-25.12	-37.43	67.08	-25.28	-36.81	0.79	0.46	0.16	0.63	0.48	-0.73%	OK
3	40	0	0	0	79.98	-12.95	-22.17	80.29	-13.14	-21.93	0.44	0.30	0.19	0.23	0.28	-0.73%	OK
4	0	100	0	0	47.80	73.22	-3.49	47.42	72.86	-2.30	1.30	0.39	0.36	1.19	1.17	-	OK
5	0	70	0	0	60.61	49.91	-7.20	60.92	49.73	-7.04	0.39	0.31	0.18	0.16	0.13	-0.84%	OK
6	0	40	0	0	76.50	25.18	-7.39	77.33	24.29	-6.60	1.45	0.83	0.89	0.78	0.51	-2.16%	OK
7	0	0	100	0	89.78	-5.47	92.12	90.33	-5.46	92.10	0.55	0.54	0.01	0.02	0.00	-	OK
8	0	0	70	0	91.19	-5.14	61.78	91.13	-5.21	62.53	0.76	0.06	0.06	0.75	0.00	0.85%	OK
9	0	0	40	0	93.15	-3.96	30.52	93.10	-4.08	30.06	0.48	0.05	0.13	0.46	0.19	-0.27%	OK
10	20	70	70	0	52.90	37.09	28.30	52.44	37.39	28.32	0.55	0.46	0.31	0.02	0.17	-	OK
11	40	70	70	20	41.41	22.11	16.09	40.93	21.36	15.66	0.99	0.48	0.75	0.43	0.10	-	OK
12	40	100	100	20	31.77	39.32	23.35	30.90	38.78	23.87	1.15	0.87	0.54	0.52	0.72	-	OK
13	40	100	40	20	32.37	43.75	-2.34	32.06	43.19	-1.50	1.06	0.31	0.56	0.84	0.82	-	OK
14	40	40	100	20	51.13	0.77	43.88	50.59	1.45	43.89	0.87	0.54	0.68	0.01	0.68	-	OK
15	100	40	100	20	34.47	-36.88	13.37	34.05	-36.09	13.36	0.89	0.42	0.78	0.01	0.26	-	OK
16	100	40	40	20	35.84	-26.66	-21.25	34.90	-26.01	-20.86	1.21	0.94	0.65	0.38	0.11	-	OK
17	100	100	40	20	20.88	8.95	-24.08	20.32	8.52	-23.33	1.03	0.56	0.43	0.75	0.14	-	OK
18	0	0	0	10	89.72	-0.62	-2.42	89.77	-0.47	-1.83	0.61	0.05	0.15	0.59	0.00	-0.28%	OK
19	0	0	0	20	83.15	-0.70	-2.42	83.13	-0.27	-1.67	0.86	0.02	0.43	0.75	0.25	-0.12%	OK
20	0	0	0	40	68.96	-0.68	-2.44	70.04	-0.63	-1.68	1.32	1.08	0.06	0.75	0.18	-1.86%	OK
21	0	0	0	60	53.89	-0.66	-1.61	55.74	-0.15	-1.60	1.92	1.85	0.51	0.01	0.49	-2.14%	OK
22	0	0	0	80	36.45	-0.56	-1.05	36.00	-0.50	-0.54	0.68	0.45	0.07	0.50	0.23	0.12%	OK
23	0	0	0	100	15.93	-0.58	-0.49	15.28	-0.47	0.42	1.12	0.65	0.11	0.91	0.90	-	OK
24	100	100	0	0	23.90	21.44	-46.33	23.24	21.34	-46.10	0.71	0.67	0.10	0.23	0.01	-	OK
25	70	70	0	0	40.77	17.29	-36.91	40.38	18.22	-36.43	1.12	0.39	0.93	0.48	1.05	-	OK
26	40	40	0	0	63.44	9.77	-24.16	64.24	9.78	-23.54	1.01	0.81	0.01	0.61	0.24	-	OK
27	0	100	100	0	46.82	67.26	47.32	46.45	67.68	47.29	0.56	0.38	0.42	0.03	0.27	-	OK
28	0	70	70	0	58.30	46.47	37.21	58.43	46.91	36.88	0.57	0.14	0.44	0.34	0.54	-	OK
29	0	40	40	0	74.14	22.32	20.79	75.01	22.14	21.11	0.94	0.87	0.17	0.31	0.35	-	OK
30	100	0	100	0	49.80	-65.21	26.40	50.03	-65.34	27.93	1.55	0.22	0.13	1.52	1.36	-	OK
31	70	0	70	0	61.92	-40.21	20.45	62.89	-40.19	21.04	1.14	0.97	0.02	0.59	0.54	-	OK
32	40	0	40	0	77.08	-19.48	10.47	78.12	-19.22	10.85	1.14	1.04	0.26	0.37	0.45	-	OK
33	10	40	40	0	71.02	18.27	16.65	71.91	18.38	16.94	0.94	0.90	0.11	0.29	0.14	-	OK
34	0	40	100	0	71.04	21.56	72.31	71.62	21.38	71.78	0.81	0.58	0.19	0.53	0.03	-	OK
35	0	100	40	0	47.55	70.44	15.67	47.33	70.71	16.62	1.01	0.22	0.27	0.95	0.86	-	OK
36	40	100	0	0	37.86	54.68	-21.35	37.57	54.37	-21.41	0.43	0.29	0.31	0.06	0.17	-	OK
37	40	0	100	0	73.59	-23.25	66.82	73.98	-23.16	68.27	1.50	0.39	0.09	1.45	0.56	-	OK
38	100	0	40	0	52.13	-52.62	-20.58	51.75	-51.29	-20.42	1.39	0.38	1.33	0.16	0.34	-	OK
39	100	40	0	0	43.16	-17.47	-48.95	43.24	-16.96	-48.33	0.81	0.08	0.51	0.61	0.28	-	OK
40	0	0	0	0	96.50	-0.01	-2.00	96.43	-0.17	-2.06	0.18	0.07	0.16	0.06	0.16	-	OK
41	10	6	6	0	89.28	-0.87	-3.63	89.59	-0.69	-3.59	0.36	0.31	0.18	0.04	0.17	-	OK
42	20	12	12	0	82.36	-1.37	-4.58	82.79	-1.26	-3.85	0.85	0.43	0.11	0.73	0.11	-	OK
43	40	27	27	0	67.40	-2.43	-4.86	68.75	-1.90	-4.62	1.47	1.35	0.53	0.23	0.38	-	OK
44	60	45	45	0	52.03	-2.97	-4.00	53.03	-2.19	-3.66	1.31	0.99	0.78	0.34	0.46	-	OK
45	80	65	65	0	37.37	-4.39	-3.62	36.86	-3.13	-3.36	1.38	0.52	1.26	0.27	0.66	-	OK
46	100	85	85	0	26.20	-7.28	-3.94	26.13	-6.08	-3.60	1.25	0.07	1.20	0.34	0.30	-	OK

Color space comparison

- Reference
- Measured

Primary colors

- Reference
 - C: L*54.78 a*-37.36 b*-50.31
 - M: L*47.80 a*73.22 b*-3.49
 - Y: L*89.78 a*-5.47 b*92.12
 - K: L*15.93 a*-0.58 b*-0.49
- Measured
 - C: L*54.75 a*-37.37 b*-50.14
 - M: L*47.42 a*72.86 b*-2.30
 - Y: L*90.33 a*-5.46 b*92.10
 - K: L*15.28 a*-0.47 b*0.42



Gradation Curves

