

Print created by:	https://cielab.xyz	Measuring device:	X-Rite i1Pro2 - M0
Last calibration:	2025_06_04	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 2025_06_04
Reference profile:	ISO Coated v2	Proofing substrate:	GMG 250 FOGRA Sert
Reference data:	FOGRA 39L	Colorant:	Ultrachrome K3
Reference printing conditions:	ISO Coated v2 - FOGRA 39L	Job ID/Name	-/ ISOcoated_v2_wpc_96.icc
Fogra PSD Visual Assessment	Granularity 41 3cc		

Summary

Criteria	Difference			Tolerance	Status
Average all patches	0.8	dE	-	3.0	OK
Maximum all patches	1.8	dE	Patch 37	6.0	OK
Paper white	0.6	dE	Patch 40	3.0	OK
Cyan	0.7	dE	Patch 1	5.0	OK
Magenta	1.4	dE	Patch 4	5.0	OK
Yellow	0.6	dE	Patch 7	5.0	OK
Black	0.4	dE	Patch 23	5.0	OK
Hue difference - CMY	1	dH	-	4	OK
Hue difference - CMYK	1	dH	-	4	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 18	10.0	OK
Average CMYK patches	0.8	dCh	-	2.5	OK
Maximum weighted CMY scale	0.8	dCh	-	3.0	OK
Average weighted CMY scale	0.6	dCh	-	1.5	OK
Maximum weighted K scale	0.8	dL	-	3.0	OK
Average weighted K scale	0.3	dL	-	1.5	OK
Maximum weighted CMY scale	0.8	dL	-	3.0	OK
Average weighted CMY scale	0.4	dL	-	1.5	OK

Overall Result

PASSED

Measuring data analysis

Patch ID	Reference				Measured			Color difference								Tone value diff.	Result
	C	M	Y	K	L*	a*	b*	L*	a*	b*	Delta E	dL*	da*	db*	dH*		
1	100	0	0	0	54.78	-37.36	-50.31	54.16	-37.09	-50.33	0.68	0.62	0.26	0.03	0.23	-	OK
2	70	0	0	0	66.62	-25.12	-37.43	66.82	-24.60	-37.08	0.66	0.21	0.52	0.35	0.24	-1.32%	OK
3	40	0	0	0	79.79	-12.98	-22.17	79.67	-12.48	-21.91	0.58	0.13	0.50	0.26	0.30	-1.22%	OK
4	0	100	0	0	47.80	73.23	-3.49	47.42	73.44	-2.14	1.42	0.39	0.21	1.34	1.35	-	OK
5	0	70	0	0	60.61	49.91	-7.20	60.92	49.82	-7.67	0.57	0.31	0.09	0.47	0.48	-1.14%	OK
6	0	40	0	0	76.37	25.18	-7.38	76.73	25.57	-6.75	0.82	0.36	0.39	0.63	0.72	-1.89%	OK
7	0	0	100	0	89.40	-5.46	92.11	88.99	-5.09	91.86	0.61	0.41	0.37	0.24	0.35	-	OK
8	0	0	70	0	90.78	-5.16	61.78	90.48	-4.90	63.50	1.77	0.31	0.26	1.72	0.40	1.07%	OK
9	0	0	40	0	92.71	-3.96	30.53	92.36	-4.04	30.63	0.37	0.35	0.08	0.10	0.06	-0.12%	OK
10	20	70	70	0	52.90	37.09	28.31	52.07	37.48	28.80	0.65	0.17	0.39	0.49	0.15	-	OK
11	40	70	70	20	41.40	22.10	16.08	41.33	21.63	16.35	0.55	0.07	0.46	0.27	0.49	-	OK
12	40	100	100	20	31.76	39.28	23.31	31.92	38.85	23.61	0.55	0.16	0.43	0.29	0.47	-	OK
13	40	100	40	20	32.36	43.72	-2.35	32.50	43.93	-1.80	0.61	0.14	0.20	0.55	0.56	-	OK
14	40	40	100	20	51.09	0.78	43.86	50.90	1.17	43.34	0.68	0.20	0.39	0.52	0.40	-	OK
15	100	40	100	20	34.48	-36.88	13.40	33.48	-36.09	13.24	1.28	1.00	0.79	0.15	0.13	-	OK
16	100	40	40	20	35.85	-26.68	-21.22	35.75	-25.82	-20.43	1.17	0.10	0.86	0.79	0.09	-	OK
17	100	100	40	20	20.87	8.93	-24.07	20.75	8.55	-23.71	0.54	0.12	0.38	0.35	0.23	-	OK
18	0	0	0	10	89.33	-0.61	-2.43	89.71	-0.46	-1.96	0.62	0.37	0.15	0.47	0.03	-2.21%	OK
19	0	0	0	20	82.89	-0.70	-2.43	83.12	-0.37	-1.69	0.84	0.22	0.32	0.74	0.13	-1.55%	OK
20	0	0	0	40	68.96	-0.69	-2.44	69.22	-0.77	-1.74	0.75	0.26	0.08	0.70	0.31	-1.09%	OK
21	0	0	0	60	53.88	-0.66	-1.62	54.83	-0.07	-1.25	1.18	0.95	0.59	0.37	0.49	-1.43%	OK
22	0	0	0	80	36.46	-0.57	-1.04	36.25	-0.54	-1.21	0.27	0.21	0.04	0.17	0.11	-0.03%	OK
23	0	0	0	100	15.93	-0.58	-0.49	15.80	-0.37	-0.22	0.37	0.13	0.20	0.27	0.10	-	OK
24	100	100	0	0	23.90	21.44	-46.33	23.84	21.92	-45.74	0.76	0.07	0.49	0.59	0.69	-	OK
25	70	70	0	0	40.77	17.29	-36.91	40.57	18.20	-36.43	1.05	0.20	0.90	0.48	1.02	-	OK
26	40	40	0	0	63.44	9.77	-24.16	63.96	9.87	-23.59	0.78	0.52	0.10	0.57	0.31	-	OK
27	0	100	100	0	46.82	67.24	47.29	46.95	68.01	47.71	0.89	0.13	0.77	0.43	0.09	-	OK
28	0	70	70	0	58.30	46.46	37.21	58.67	46.66	38.14	1.02	0.37	0.20	0.93	0.59	-	OK
29	0	40	40	0	74.05	22.33	20.79	74.55	22.59	22.32	1.63	0.49	0.26	1.53	0.92	-	OK
30	100	0	100	0	49.81	-65.25	26.42	49.34	-65.29	26.83	0.62	0.47	0.05	0.41	0.36	-	OK
31	70	0	70	0	61.92	-40.21	20.45	62.23	-39.89	21.10	0.79	0.31	0.33	0.65	0.73	-	OK
32	40	0	40	0	76.94	-19.45	10.47	77.54	-19.37	11.18	0.93	0.60	0.08	0.71	0.66	-	OK
33	10	40	40	0	70.98	18.29	16.65	71.30	18.81	17.26	0.86	0.32	0.52	0.61	0.10	-	OK
34	0	40	100	0	71.01	21.58	72.27	71.22	21.50	72.83	0.60	0.21	0.08	0.56	0.23	-	OK
35	0	100	40	0	47.55	70.44	15.68	47.03	70.24	16.14	0.72	0.52	0.20	0.46	0.50	-	OK
36	40	100	0	0	37.85	54.68	-21.37	38.41	54.79	-21.34	0.57	0.56	0.10	0.02	0.06	-	OK
37	40	0	100	0	73.52	-23.27	66.82	73.86	-23.38	68.62	1.84	0.34	0.11	1.79	0.48	-	OK
38	100	0	40	0	52.12	-52.62	-20.58	51.80	-51.98	-19.98	0.93	0.32	0.64	0.60	0.33	-	OK
39	100	40	0	0	43.16	-17.47	-48.95	43.15	-17.72	-48.53	0.49	0.01	0.25	0.42	0.38	-	OK
40	0	0	0	0	96.00	-0.02	-2.00	95.44	-0.25	-1.96	0.61	0.56	0.24	0.04	0.24	-	OK
41	10	6	6	0	88.91	-0.87	-3.63	89.43	-0.28	-3.06	0.97	0.51	0.59	0.57	0.49	-	OK
42	20	12	12	0	82.12	-1.38	-4.58	82.81	-1.07	-3.79	1.09	0.69	0.31	0.79	0.08	-	OK
43	40	27	27	0	67.40	-2.43	-4.85	68.17	-2.06	-4.45	0.94	0.76	0.38	0.40	0.17	-	OK
44	60	45	45	0	52.03	-2.96	-4.00	52.71	-2.21	-3.48	1.14	0.68	0.75	0.53	0.32	-	OK
45	80	65	65	0	37.37	-4.40	-3.62	37.26	-3.78	-3.76	0.65	0.11	0.62	0.14	0.52	-	OK
46	100	85	85	0	26.20	-7.28	-3.95	26.22	-6.32	-3.45	1.08	0.02	0.96	0.49	0.03	-	OK

Color space comparison

■ Reference
■ Measured

Primary colors

● Reference

C: L*54.78 a*-37.36 b*-50.31

M: L*47.80 a*73.23 b*-3.49

Y: L*89.40 a*-5.46 b*92.11

K: L*15.93 a*-0.58 b*-0.49

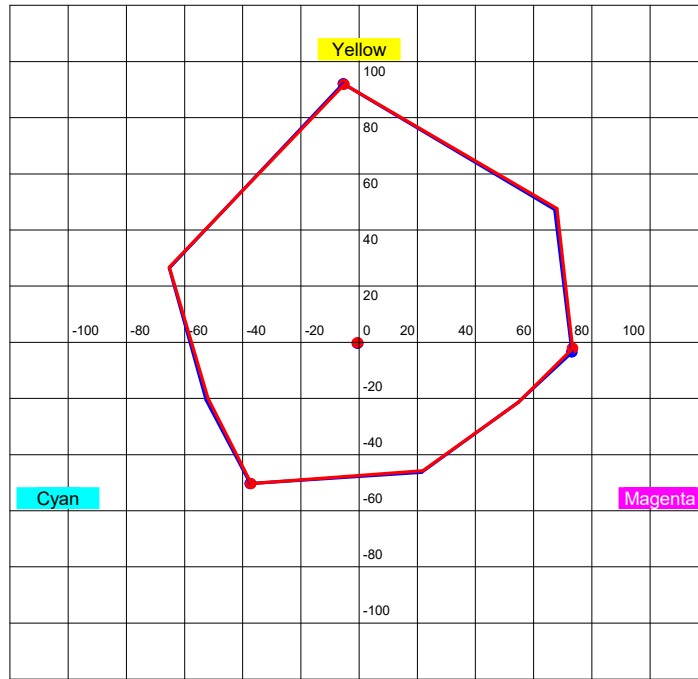
● Measured

C: L*54.16 a*-37.09 b*-50.33

M: L*47.42 a*73.44 b*-2.14

Y: L*88.99 a*-5.09 b*91.86

K: L*15.80 a*-0.37 b*-0.22



Gradation Curves

