

Print created by:	https://cielab.xyz	Measuring device:	X-Rite i1Pro2 - M0
Last calibration:	2025_11_24	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_11_24
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		

Summary

Criteria	Difference			Tolerance	Status
Average all patches	0.9	dE	-	3.0	OK
Maximum all patches	2.1	dE	Patch 30	6.0	OK
Paper white	1.0	dE	Patch 40	3.0	OK
Cyan	0.2	dE	Patch 1	5.0	OK
Magenta	0.8	dE	Patch 4	5.0	OK
Yellow	0.5	dE	Patch 7	5.0	OK
Black	0.9	dE	Patch 23	5.0	OK
Hue difference - CMY	0.8	dH	-	2.5	OK
Hue difference - CMYK	0.8	dH	-	2.5	OK
Hue difference - CMYRGB	1.2	dH	-	2.5	OK
Hue diff. average gray	0.4	dH	-	1.5	OK
Tone value diff.	2.6	%	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	0.5	dCh	-	1.5	OK
Maximum weighted K scale	1.0	dL	-	3.0	OK
Average weighted K scale	0.3	dL	-	1.5	OK
Maximum weighted CMY scale	0.9	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								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	54.56	-37.47	-50.28	0.25	0.22	0.11	0.03	0.11	-	OK
2	70	0	0	0	66.62	-25.12	-37.43	66.98	-25.40	-36.96	0.65	0.37	0.28	0.47	0.50	-1.26%	OK
3	40	0	0	0	79.79	-12.98	-22.17	79.81	-12.95	-21.59	0.58	0.01	0.02	0.58	0.27	-1.71%	OK
4	0	100	0	0	47.80	73.23	-3.49	47.92	73.39	-2.72	0.80	0.11	0.16	0.77	0.78	-	OK
5	0	70	0	0	60.61	49.91	-7.20	60.95	50.63	-6.76	0.91	0.34	0.72	0.43	0.53	-0.94%	OK
6	0	40	0	0	76.37	25.18	-7.38	76.28	25.03	-7.34	0.18	0.09	0.15	0.04	0.00	-1.15%	OK
7	0	0	100	0	89.40	-5.46	92.11	89.76	-5.36	92.45	0.51	0.35	0.10	0.35	0.12	-	OK
8	0	0	70	0	90.78	-5.16	61.78	90.42	-4.87	62.64	0.98	0.37	0.29	0.86	0.35	0.69%	OK
9	0	0	40	0	92.71	-3.96	30.53	92.59	-3.89	30.29	0.28	0.12	0.08	0.23	0.05	-1.09%	OK
10	20	70	70	0	52.90	37.09	28.31	53.03	37.51	29.81	1.56	0.13	0.43	1.50	0.92	-	OK
11	40	70	70	20	41.40	22.10	16.08	41.25	22.04	16.64	0.58	0.15	0.06	0.56	0.49	-	OK
12	40	100	100	20	31.76	39.28	23.31	32.08	39.45	24.06	0.83	0.32	0.17	0.75	0.55	-	OK
13	40	100	40	20	32.36	43.72	-2.35	32.50	43.99	-1.71	0.71	0.14	0.27	0.64	0.65	-	OK
14	40	40	100	20	51.09	0.78	43.86	50.96	1.13	44.38	0.64	0.14	0.35	0.53	0.34	-	OK
15	100	40	100	20	34.48	-36.88	13.40	33.77	-36.27	13.20	0.96	0.70	0.61	0.20	0.02	-	OK
16	100	40	40	20	35.85	-26.68	-21.22	35.20	-25.92	-20.81	1.08	0.65	0.75	0.41	0.15	-	OK
17	100	100	40	20	20.87	8.93	-24.07	20.79	8.69	-23.90	0.30	0.08	0.24	0.16	0.16	-	OK
18	0	0	0	10	89.33	-0.61	-2.43	89.53	-0.45	-2.25	0.31	0.19	0.16	0.18	0.12	-2.62%	OK
19	0	0	0	20	82.89	-0.70	-2.43	82.92	-0.48	-2.58	0.27	0.03	0.22	0.15	0.25	-1.86%	OK
20	0	0	0	40	68.96	-0.69	-2.44	69.35	-0.49	-1.98	0.64	0.39	0.20	0.45	0.07	-1.82%	OK
21	0	0	0	60	53.88	-0.66	-1.62	55.10	0.02	-1.76	1.40	1.22	0.68	0.14	0.70	-2.09%	OK
22	0	0	0	80	36.46	-0.57	-1.04	36.06	-0.57	-1.07	0.40	0.40	0.00	0.03	0.02	-0.14%	OK
23	0	0	0	100	15.93	-0.58	-0.49	15.06	-0.27	-0.62	0.93	0.87	0.31	0.13	0.32	-	OK
24	100	100	0	0	23.90	21.44	-46.33	24.03	22.11	-46.52	0.71	0.13	0.68	0.20	0.53	-	OK
25	70	70	0	0	40.77	17.29	-36.91	40.28	18.14	-36.56	1.04	0.49	0.84	0.35	0.91	-	OK
26	40	40	0	0	63.44	9.77	-24.16	64.06	9.90	-23.27	1.09	0.63	0.13	0.89	0.46	-	OK
27	0	100	100	0	46.82	67.24	47.29	47.03	68.27	48.47	1.58	0.21	1.03	1.18	0.37	-	OK
28	0	70	70	0	58.30	46.46	37.21	58.30	46.86	37.86	0.76	0.01	0.41	0.65	0.25	-	OK
29	0	40	40	0	74.05	22.33	20.79	74.41	22.91	21.94	1.34	0.35	0.59	1.15	0.43	-	OK
30	100	0	100	0	49.81	-65.25	26.42	50.06	-66.40	28.21	2.14	0.25	1.15	1.79	1.21	-	OK
31	70	0	70	0	61.92	-40.21	20.45	62.07	-40.26	21.54	1.10	0.15	0.04	1.09	0.95	-	OK
32	40	0	40	0	76.94	-19.45	10.47	77.29	-19.44	11.25	0.85	0.36	0.01	0.78	0.68	-	OK
33	10	40	40	0	70.98	18.29	16.65	71.57	18.68	17.33	0.98	0.58	0.39	0.69	0.24	-	OK
34	0	40	100	0	71.01	21.58	72.27	71.54	22.05	73.28	1.23	0.53	0.48	1.01	0.17	-	OK
35	0	100	40	0	47.55	70.44	15.68	47.85	71.48	15.46	1.10	0.30	1.04	0.21	0.43	-	OK
36	40	100	0	0	37.85	54.68	-21.37	38.06	55.64	-21.56	1.00	0.21	0.95	0.20	0.16	-	OK
37	40	0	100	0	73.52	-23.27	66.82	73.87	-22.91	68.73	1.97	0.35	0.36	1.90	0.95	-	OK
38	100	0	40	0	52.12	-52.62	-20.58	51.98	-52.68	-19.99	0.61	0.14	0.07	0.58	0.57	-	OK
39	100	40	0	0	43.16	-17.47	-48.95	43.09	-17.78	-48.85	0.33	0.07	0.30	0.10	0.32	-	OK
40	0	0	0	0	96.00	-0.02	-2.00	95.09	-0.27	-2.20	0.96	0.91	0.26	0.20	0.25	-	OK
41	10	6	6	0	88.91	-0.87	-3.63	89.72	-0.42	-3.29	0.99	0.80	0.45	0.35	0.38	-	OK
42	20	12	12	0	82.12	-1.38	-4.58	82.58	-1.11	-4.17	0.67	0.46	0.27	0.41	0.15	-	OK
43	40	27	27	0	67.40	-2.43	-4.85	67.98	-2.00	-4.61	0.76	0.57	0.44	0.24	0.29	-	OK
44	60	45	45	0	52.03	-2.96	-4.00	53.04	-2.09	-3.79	1.35	1.01	0.87	0.21	0.62	-	OK
45	80	65	65	0	37.37	-4.40	-3.62	37.54	-3.28	-3.57	1.13	0.16	1.12	0.05	0.73	-	OK
46	100	85	85	0	26.20	-7.28	-3.95	25.98	-6.43	-3.41	1.03	0.22	0.85	0.54	0.07	-	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

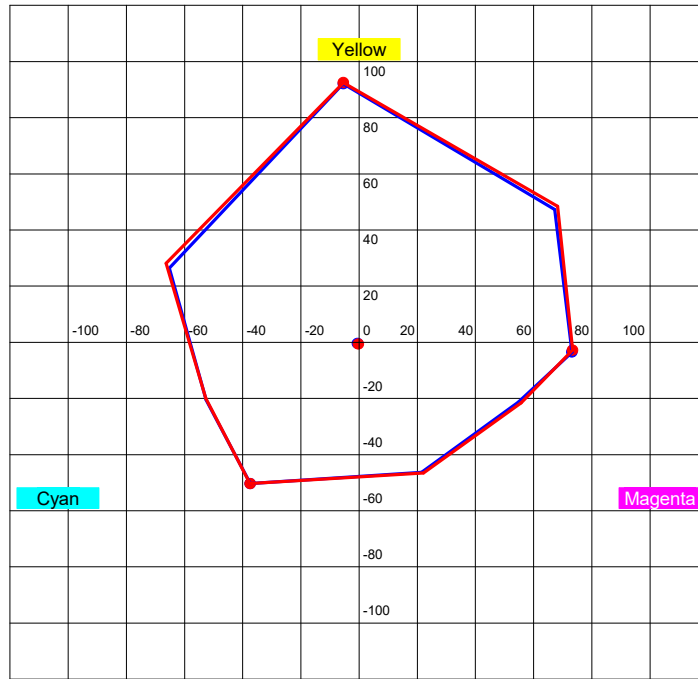
● Measured

C: L*54.56 a*-37.47 b*-50.28

M: L*47.92 a*73.39 b*-2.72

Y: L*89.76 a*-5.36 b*92.45

K: L*15.06 a*-0.27 b*-0.62



Gradation Curves

