

Print created by:	https://cielab.xyz	Measuring device:	X-Rite i1Pro2 - M0
Last calibration:	2025_02_17 gr51	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_02_17
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 51 3cc		

Summary

Criteria	Difference			Tolerance	Status
Average all patches	0.8	dE	-	3.0	OK
Maximum all patches	1.6	dE	Patch 4	6.0	OK
Paper white	0.6	dE	Patch 40	3.0	OK
Cyan	0.6	dE	Patch 1	5.0	OK
Magenta	1.6	dE	Patch 4	5.0	OK
Yellow	1.0	dE	Patch 7	5.0	OK
Black	0.7	dE	Patch 23	5.0	OK
Hue difference - CMY	2	dH	-	4	OK
Hue difference - CMYK	2	dH	-	4	OK
Hue difference - CMYRGB	1.6	dH	-	4.0	OK
Hue diff. average gray	0.3	dH	-	1.5	OK
Tone value diff.	2.4	%	Patch 18	10.0	OK
Average CMYK patches	0.8	dCh	-	2.5	OK
Maximum weighted CMY scale	0.9	dCh	-	3.0	OK
Average weighted CMY scale	0.6	dCh	-	1.5	OK
Maximum weighted K scale	0.9	dL	-	3.0	OK
Average weighted K scale	0.4	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	54.33	-37.27	-49.97	0.57	0.45	0.09	0.34	0.13	-	OK
2	70	0	0	0	66.62	-25.12	-37.43	66.52	-25.02	-37.09	0.37	0.10	0.10	0.33	0.10	-0.59%	OK
3	40	0	0	0	79.79	-12.98	-22.17	79.72	-12.75	-21.83	0.42	0.07	0.23	0.34	0.03	-1.13%	OK
4	0	100	0	0	47.80	73.23	-3.49	47.53	73.58	-1.92	1.63	0.27	0.36	1.57	1.58	-	OK
5	0	70	0	0	60.61	49.91	-7.20	60.62	50.01	-6.96	0.26	0.01	0.11	0.24	0.25	-0.57%	OK
6	0	40	0	0	76.37	25.18	-7.38	76.37	25.41	-6.97	0.47	0.00	0.23	0.41	0.46	-1.04%	OK
7	0	0	100	0	89.40	-5.46	92.11	89.35	-6.37	92.59	1.03	0.06	0.91	0.49	0.88	-	OK
8	0	0	70	0	90.78	-5.16	61.78	90.24	-5.02	63.29	1.61	0.54	0.13	1.51	0.26	1.12%	OK
9	0	0	40	0	92.71	-3.96	30.53	92.07	-4.13	30.89	0.75	0.64	0.17	0.36	0.12	0.57%	OK
10	20	70	70	0	52.90	37.09	28.31	52.78	37.28	28.35	0.23	0.12	0.19	0.04	0.08	-	OK
11	40	70	70	20	41.40	22.10	16.08	41.12	21.80	16.18	0.42	0.28	0.29	0.10	0.26	-	OK
12	40	100	100	20	31.76	39.28	23.31	31.37	38.90	23.60	0.62	0.39	0.38	0.29	0.44	-	OK
13	40	100	40	20	32.36	43.72	-2.35	32.57	43.78	-1.69	0.70	0.21	0.05	0.67	0.67	-	OK
14	40	40	100	20	51.09	0.78	43.86	50.50	1.28	43.28	0.97	0.59	0.50	0.58	0.51	-	OK
15	100	40	100	20	34.48	-36.88	13.40	33.67	-35.96	13.32	1.23	0.81	0.93	0.07	0.25	-	OK
16	100	40	40	20	35.85	-26.68	-21.22	35.32	-26.21	-20.63	0.92	0.53	0.47	0.59	0.17	-	OK
17	100	100	40	20	20.87	8.93	-24.07	20.28	9.00	-23.75	0.67	0.59	0.07	0.32	0.18	-	OK
18	0	0	0	10	89.33	-0.61	-2.43	89.76	-0.31	-1.91	0.74	0.42	0.30	0.52	0.19	-2.39%	OK
19	0	0	0	20	82.89	-0.70	-2.43	83.04	-0.34	-2.02	0.57	0.15	0.36	0.41	0.26	-1.46%	OK
20	0	0	0	40	68.96	-0.69	-2.44	69.09	-0.05	-2.41	0.65	0.13	0.63	0.02	0.62	-0.97%	OK
21	0	0	0	60	53.88	-0.66	-1.62	54.97	-0.19	-1.12	1.29	1.09	0.48	0.50	0.32	-1.67%	OK
22	0	0	0	80	36.46	-0.57	-1.04	35.71	-0.29	-0.48	0.98	0.75	0.29	0.56	0.03	0.18%	OK
23	0	0	0	100	15.93	-0.58	-0.49	15.28	-0.23	-0.47	0.74	0.65	0.35	0.02	0.26	-	OK
24	100	100	0	0	23.90	21.44	-46.33	24.06	21.74	-45.86	0.58	0.16	0.31	0.47	0.48	-	OK
25	70	70	0	0	40.77	17.29	-36.91	40.67	17.96	-36.48	0.80	0.10	0.67	0.43	0.79	-	OK
26	40	40	0	0	63.44	9.77	-24.16	63.86	9.74	-23.51	0.77	0.42	0.03	0.65	0.22	-	OK
27	0	100	100	0	46.82	67.24	47.29	46.75	67.50	47.55	0.37	0.07	0.26	0.26	0.06	-	OK
28	0	70	70	0	58.30	46.46	37.21	58.49	46.25	37.56	0.45	0.19	0.21	0.35	0.40	-	OK
29	0	40	40	0	74.05	22.33	20.79	74.25	22.61	21.66	0.94	0.20	0.28	0.87	0.44	-	OK
30	100	0	100	0	49.81	-65.25	26.42	49.42	-64.92	27.73	1.41	0.38	0.32	1.31	1.33	-	OK
31	70	0	70	0	61.92	-40.21	20.45	62.07	-39.91	20.79	0.48	0.15	0.30	0.34	0.44	-	OK
32	40	0	40	0	76.94	-19.45	10.47	77.07	-19.19	10.84	0.47	0.14	0.26	0.37	0.45	-	OK
33	10	40	40	0	70.98	18.29	16.65	71.19	18.64	16.78	0.43	0.21	0.35	0.13	0.14	-	OK
34	0	40	100	0	71.01	21.58	72.27	71.12	21.72	71.70	0.60	0.11	0.15	0.57	0.31	-	OK
35	0	100	40	0	47.55	70.44	15.68	47.30	71.04	15.60	0.65	0.25	0.60	0.07	0.20	-	OK
36	40	100	0	0	37.85	54.68	-21.37	38.16	54.92	-21.33	0.39	0.31	0.24	0.04	0.12	-	OK
37	40	0	100	0	73.52	-23.27	66.82	74.01	-22.97	67.06	0.62	0.49	0.30	0.23	0.36	-	OK
38	100	0	40	0	52.12	-52.62	-20.58	52.17	-51.72	-20.45	0.91	0.05	0.89	0.13	0.21	-	OK
39	100	40	0	0	43.16	-17.47	-48.95	43.02	-16.99	-48.43	0.72	0.14	0.48	0.51	0.28	-	OK
40	0	0	0	0	96.00	-0.02	-2.00	95.43	-0.14	-1.83	0.61	0.58	0.13	0.17	0.14	-	OK
41	10	6	6	0	88.91	-0.87	-3.63	89.69	-0.34	-3.53	0.95	0.78	0.53	0.10	0.51	-	OK
42	20	12	12	0	82.12	-1.38	-4.58	82.57	-1.26	-4.13	0.65	0.45	0.12	0.45	0.01	-	OK
43	40	27	27	0	67.40	-2.43	-4.85	67.78	-1.60	-4.45	1.00	0.38	0.83	0.41	0.60	-	OK
44	60	45	45	0	52.03	-2.96	-4.00	52.66	-2.37	-3.36	1.07	0.63	0.59	0.65	0.10	-	OK
45	80	65	65	0	37.37	-4.40	-3.62	36.97	-3.44	-3.27	1.10	0.41	0.95	0.35	0.37	-	OK
46	100	85	85	0	26.20	-7.28	-3.95	25.92	-6.60	-3.68	0.78	0.28	0.68	0.27	0.09	-	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

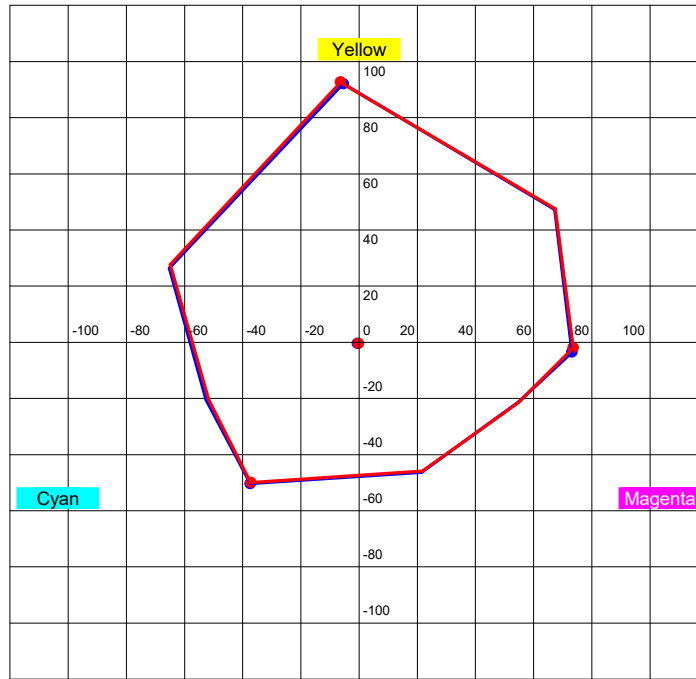
● Measured

C: L*54.33 a*-37.27 b*-49.97

M: L*47.53 a*73.58 b*-1.92

Y: L*89.35 a*-6.37 b*92.59

K: L*15.28 a*-0.23 b*-0.47



Gradation Curves

