



Print created by:	https://cielab.xyz/	Measuring device:	X-Rite i1Pro2 - M0
Last calibration:	2022_11_28	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_11
Reference profile:	ISO Coated v2	Proofing substrate:	GMG Proofing Paper Gloss
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	1.0 dE -	3.0	OK
Maximum all patches	2.7 dE Patch 8	6.0	OK
Paper white	0.3 dE Patch 40	3.0	OK
Cyan	0.6 dE Patch 1	5.0	OK
Magenta	2.3 dE Patch 4	5.0	OK
Yellow	1.0 dE Patch 7	5.0	OK
Black	0.9 dE Patch 23	5.0	OK
Hue difference - CMY	2.2 dH -	2.5	OK
Hue difference - CMYK	2.2 dH -	2.5	OK
Hue difference - CMYRGB	2.2 dH -	4.0	OK
Hue diff. average gray	0.2 dH -	1.5	OK
Tone value diff.	2.3 % Patch 8	10.0	OK
Average CMYK patches	0.8 dCh -	2.5	OK
Maximum weighted CMY scale	1.3 dCh -	3.0	OK
Average weighted CMY scale	0.6 dCh -	1.5	OK
Maximum weighted K scale	0.3 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			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	55.39	-38.14	-48.77	54.87	-37.98	-48.56	0.58	0.52	0.15	0.21	0.01	-	OK
2	70	0	0	0	67.32	-25.90	-35.72	67.51	-25.61	-34.55	1.22	0.19	0.30	0.17	0.45	-0.93%	OK
3	40	0	0	0	80.24	-13.79	-20.21	80.15	-13.23	-19.67	0.78	0.10	0.56	0.53	0.16	-0.67%	OK
4	0	100	0	0	48.35	73.28	-2.17	48.44	72.67	0.03	2.28	0.09	0.61	2.20	2.19	-	OK
5	0	70	0	0	61.27	49.74	-5.66	61.11	50.06	-4.78	0.95	0.17	0.33	0.89	0.91	0.25%	OK
6	0	40	0	0	76.93	24.68	-5.56	76.94	24.65	-6.01	0.45	0.01	0.02	0.45	0.45	-0.24%	OK
7	0	0	100	0	89.58	-6.28	93.95	89.42	-6.37	92.97	1.00	0.16	0.10	0.98	0.16	-	OK
8	0	0	70	0	90.92	-5.98	63.71	90.55	-5.61	66.37	2.71	0.37	0.37	2.66	0.61	2.33%	OK
9	0	0	40	0	92.78	-4.81	32.56	92.68	-4.36	32.16	0.61	0.10	0.44	0.40	0.38	-0.23%	OK
10	20	70	70	0	53.50	36.86	29.58	53.29	37.50	31.20	1.75	0.22	0.65	1.62	0.85	-	OK
11	40	70	70	20	41.90	21.86	17.22	41.31	22.12	17.62	0.76	0.59	0.26	0.40	0.15	-	OK
12	40	100	100	20	32.20	39.23	24.26	31.83	39.39	24.58	0.51	0.37	0.16	0.32	0.19	-	OK
13	40	100	40	20	32.82	43.73	-1.36	32.77	44.80	-0.81	1.20	0.05	1.07	0.55	0.57	-	OK
14	40	40	100	20	51.66	0.29	45.03	51.66	0.91	45.85	1.03	0.00	0.62	0.82	0.61	-	OK
15	100	40	100	20	34.87	-37.40	14.26	34.79	-36.85	14.72	0.99	0.68	0.55	0.46	0.63	-	OK
16	100	40	40	20	36.26	-27.11	-20.19	36.00	-25.69	-20.00	1.46	0.25	1.43	0.20	0.71	-	OK
17	100	100	40	20	21.19	8.79	-23.26	20.87	9.13	-23.35	0.48	0.32	0.35	0.09	0.29	-	OK
18	0	0	0	10	89.51	-1.33	-0.46	89.43	-1.05	0.24	0.76	0.08	0.27	0.70	0.68	-0.21%	OK
19	0	0	0	20	83.30	-1.36	-0.56	83.36	-1.35	0.17	0.73	0.06	0.01	0.73	0.73	-0.49%	OK
20	0	0	0	40	69.73	-1.28	-0.79	69.78	-1.15	-0.36	0.45	0.05	0.14	0.44	0.34	-0.37%	OK
21	0	0	0	60	54.53	-1.15	-0.24	54.86	-0.02	0.23	1.27	0.32	1.13	0.47	0.77	-0.58%	OK
22	0	0	0	80	36.93	-0.92	-0.03	36.61	-0.56	0.59	0.79	0.31	0.37	0.62	0.71	0.01%	OK
23	0	0	0	100	16.21	-0.79	0.13	15.49	-0.43	0.56	0.91	0.72	0.36	0.42	0.55	-	OK
24	100	100	0	0	24.13	21.39	-45.49	24.00	22.02	-44.49	1.19	0.13	0.63	1.00	1.00	-	OK
25	70	70	0	0	41.26	17.01	-35.75	40.34	17.73	-34.55	1.67	0.91	0.72	1.20	1.17	-	OK
26	40	40	0	0	64.13	9.29	-22.55	64.17	9.38	-21.56	0.99	0.04	0.08	0.99	0.46	-	OK
27	0	100	100	0	47.36	67.28	48.45	46.94	68.06	48.85	0.97	0.42	0.79	0.40	0.13	-	OK
28	0	70	70	0	58.95	46.23	38.56	58.07	46.08	39.11	1.05	0.88	0.15	0.56	0.52	-	OK
29	0	40	40	0	74.67	21.86	22.53	74.36	22.12	23.42	0.98	0.31	0.26	0.89	0.43	-	OK
30	100	0	100	0	50.39	-66.18	27.67	50.09	-66.50	28.47	0.91	0.30	0.32	0.80	0.61	-	OK
31	70	0	70	0	62.60	-41.06	21.88	62.20	-40.91	22.73	0.95	0.39	0.16	0.85	0.82	-	OK
32	40	0	40	0	77.46	-20.31	12.27	77.66	-19.65	13.54	1.45	0.19	0.66	1.27	1.43	-	OK
33	10	40	40	0	71.68	17.76	18.33	71.77	18.14	18.94	0.72	0.09	0.38	0.61	0.15	-	OK
34	0	40	100	0	71.76	21.05	73.84	71.37	21.67	73.25	0.94	0.39	0.62	0.59	0.76	-	OK
35	0	100	40	0	48.09	70.46	16.89	47.79	72.30	17.46	1.95	0.30	1.84	0.57	0.12	-	OK
36	40	100	0	0	38.33	54.65	-20.28	38.06	55.22	-19.62	0.91	0.28	0.57	0.66	0.82	-	OK
37	40	0	100	0	74.15	-24.07	68.39	74.06	-23.49	69.44	1.20	0.09	0.58	1.06	0.90	-	OK
38	100	0	40	0	52.72	-53.48	-19.22	52.02	-52.90	-18.56	1.12	0.71	0.58	0.65	0.42	-	OK
39	100	40	0	0	43.65	-17.97	-47.67	43.67	-17.67	-46.66	1.05	0.02	0.31	1.01	0.07	-	OK
40	0	0	0	0	96.00	-0.80	0.10	95.83	-1.03	-0.05	0.32	0.16	0.23	0.15	0.15	-	OK
41	10	6	6	0	89.09	-1.64	-1.60	88.85	-1.31	-1.33	0.49	0.24	0.33	0.27	0.04	-	OK
42	20	12	12	0	82.51	-2.07	-2.65	82.56	-1.72	-2.14	0.62	0.05	0.36	0.51	0.03	-	OK
43	40	27	27	0	68.13	-3.05	-3.20	67.59	-2.72	-3.11	0.64	0.54	0.34	0.09	0.19	-	OK
44	60	45	45	0	52.63	-3.49	-2.66	52.45	-2.02	-2.20	1.55	0.17	1.47	0.46	0.64	-	OK
45	80	65	65	0	37.83	-4.82	-2.58	37.26	-4.29	-2.04	0.95	0.57	0.53	0.54	0.24	-	OK
46	100	85	85	0	26.56	-7.64	-3.14	26.10	-6.80	-2.81	1.01	0.46	0.84	0.33	0.02	-	OK

Color space comparison

- Reference
- Measured

Primary colors

- Reference

C: L*55.39 a*-38.14 b*-48.77

M: L*48.35 a*73.28 b*-2.17

Y: L*89.58 a*-6.28 b*93.95

K: L*16.21 a*-0.79 b*0.13

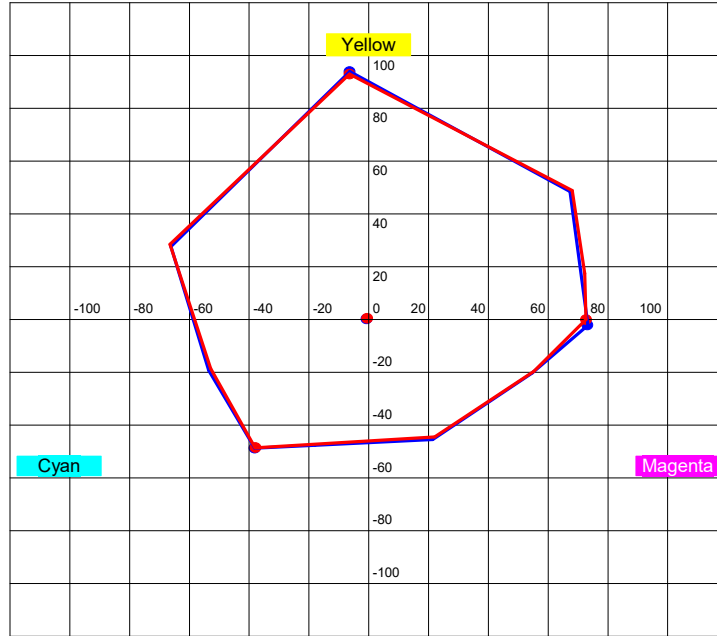
- Measured

C: L*54.87 a*-37.98 b*-48.56

M: L*48.44 a*72.67 b*0.03

Y: L*89.42 a*-6.37 b*92.97

K: L*15.49 a*-0.43 b*0.56



Gradation Curves

