



Print created by:	https://cielab.xyz/	Measuring device:	X-Rite i1Pro2 - M0
Last calibration:	2022_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 Proofing Paper 2022_04
Reference profile:	ISO Coated v2 300	Proofing substrate:	GMG Proofing Paper
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	0.9 dE -	3.0	OK
Maximum all patches	2.0 dE Patch 35	6.0	OK
Paper white	0.7 dE Patch 40	3.0	OK
Cyan	1.3 dE Patch 1	5.0	OK
Magenta	1.2 dE Patch 4	5.0	OK
Yellow	0.8 dE Patch 7	5.0	OK
Black	1.0 dE Patch 23	5.0	OK
Hue difference - CMY	1.1 dH -	2.5	OK
Hue difference - CMYK	1.1 dH -	2.5	OK
Hue difference - CMYRGB	1.1 dH -	4.0	OK
Hue diff. average gray	0.6 dH -	1.5	OK
Tone value diff.	1.4 % Patch 8	10.0	OK
Average CMYK patches	0.9 dCh -	2.5	OK
Maximum weighted CMY scale	0.9 dCh -	3.0	OK
Average weighted CMY scale	0.7 dCh -	1.5	OK
Maximum weighted K scale	0.5 dL -	3.0	OK
Average weighted K scale	0.2 dL -	1.5	OK
Maximum weighted CMY scale	0.4 dL -	3.0	OK
Average weighted CMY scale	0.1 dL -	1.5	OK

Overall Result

PASSED

Measuring data analysis

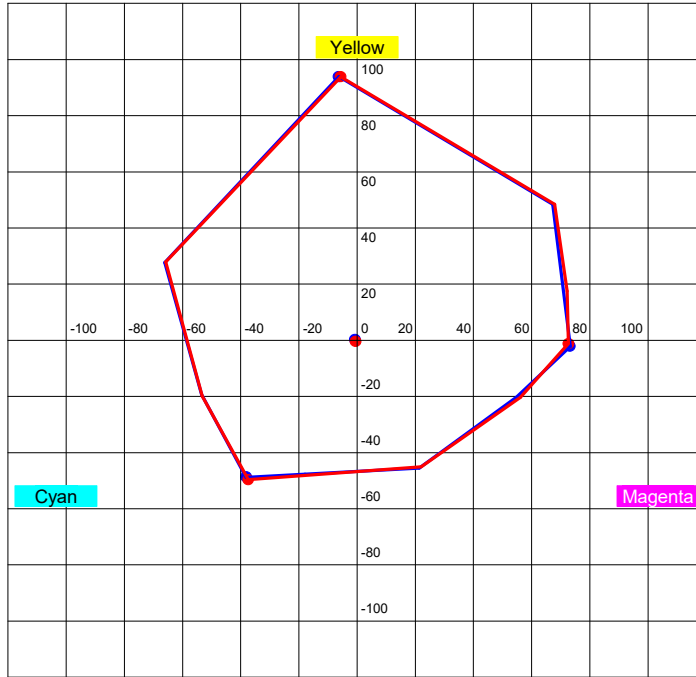
Patch ID	Reference				Measured			Color difference							Result		
	C	M	Y	K	L*	a*	b*	Delta E	dL*	da*	db*	dH*	Tone value diff.				
1	100	0	0	0	55.39	-38.14	-48.77	54.66	-37.45	-49.60	1.30	0.73	0.69	0.83	1.05	-	OK
2	70	0	0	0	67.32	-25.90	-35.72	67.41	-25.52	-36.02	0.49	0.08	0.38	0.31	0.49	-0.61%	OK
3	40	0	0	0	80.24	-13.79	-20.21	80.31	-13.29	-20.55	0.61	0.06	0.50	0.34	0.60	-0.40%	OK
4	0	100	0	0	48.35	73.28	-2.17	48.42	72.64	-1.16	1.20	0.08	0.64	1.01	1.00	-	OK
5	0	70	0	0	61.27	49.74	-5.66	61.08	50.56	-5.76	0.85	0.19	0.82	0.10	0.00	0.42%	OK
6	0	40	0	0	76.93	24.68	-5.56	77.01	25.20	-5.80	0.58	0.08	0.53	0.25	0.13	0.02%	OK
7	0	0	100	0	89.58	-6.28	93.95	89.21	-5.57	93.83	0.81	0.37	0.71	0.11	0.70	-	OK
8	0	0	70	0	90.92	-5.98	63.71	90.72	-5.45	65.42	1.80	0.20	0.54	1.71	0.69	1.38%	OK
9	0	0	40	0	92.78	-4.81	32.56	92.83	-4.35	32.69	0.48	0.05	0.46	0.12	0.47	0.57%	OK
10	20	70	70	0	53.50	36.86	29.58	53.60	37.64	30.16	0.98	0.10	0.78	0.58	0.04	-	OK
11	40	70	70	20	41.90	21.86	17.22	41.83	22.48	17.34	0.64	0.07	0.62	0.12	0.29	-	OK
12	40	100	100	20	32.20	39.23	24.26	31.96	40.30	24.86	1.25	0.24	1.07	0.60	0.05	-	OK
13	40	100	40	20	32.82	43.73	-1.36	32.84	44.63	-1.20	0.91	0.03	0.90	0.16	0.19	-	OK
14	40	40	100	20	51.66	0.29	45.03	51.75	1.09	46.05	1.30	0.09	0.80	1.02	0.79	-	OK
15	100	40	100	20	34.87	-37.40	14.26	34.27	-37.77	14.46	0.73	0.59	0.37	0.19	0.05	-	OK
16	100	40	40	20	36.26	-27.11	-20.19	36.10	-26.49	-20.41	0.68	0.15	0.62	0.21	0.54	-	OK
17	100	100	40	20	21.19	8.79	-23.26	20.44	9.28	-23.64	0.97	0.75	0.49	0.38	0.32	-	OK
18	0	0	0	10	89.51	-1.33	-0.46	89.55	-0.65	-0.55	0.69	0.03	0.68	0.09	0.40	0.11%	OK
19	0	0	0	20	83.30	-1.36	-0.56	83.25	-0.70	-0.76	0.69	0.05	0.66	0.19	0.53	0.24%	OK
20	0	0	0	40	69.73	-1.28	-0.79	69.78	-0.68	-0.81	0.60	0.05	0.60	0.01	0.40	-0.05%	OK
21	0	0	0	60	54.53	-1.15	-0.24	55.15	-0.37	-0.43	1.01	0.62	0.78	0.19	0.53	-0.74%	OK
22	0	0	0	80	36.93	-0.92	-0.03	36.78	-0.74	-0.17	0.27	0.15	0.18	0.14	0.16	-0.04%	OK
23	0	0	0	100	16.21	-0.79	0.13	15.46	-0.45	-0.35	0.95	0.75	0.35	0.49	0.55	-	OK
24	100	100	0	0	24.13	21.39	-45.49	24.27	22.01	-45.01	0.80	0.15	0.62	0.48	0.76	-	OK
25	70	70	0	0	41.26	17.01	-35.75	40.63	17.98	-35.77	1.16	0.62	0.97	0.01	0.87	-	OK
26	40	40	0	0	64.13	9.29	-22.55	64.02	10.08	-22.20	0.87	0.11	0.79	0.35	0.86	-	OK
27	0	100	100	0	47.36	67.28	48.45	47.29	67.92	48.41	0.65	0.07	0.64	0.04	0.41	-	OK
28	0	70	70	0	58.95	46.23	38.56	58.77	46.84	38.51	0.64	0.17	0.61	0.05	0.43	-	OK
29	0	40	40	0	74.67	21.86	22.53	74.75	22.63	22.91	0.86	0.08	0.77	0.38	0.29	-	OK
30	100	0	100	0	50.39	-66.18	27.67	49.97	-65.80	27.91	0.62	0.42	0.39	0.25	0.38	-	OK
31	70	0	70	0	62.60	-41.06	21.88	62.27	-40.89	22.11	0.44	0.32	0.17	0.23	0.28	-	OK
32	40	0	40	0	77.46	-20.31	12.27	77.52	-19.59	11.91	0.81	0.05	0.72	0.36	0.07	-	OK
33	10	40	40	0	71.68	17.76	18.33	71.75	18.43	18.35	0.67	0.07	0.66	0.02	0.46	-	OK
34	0	40	100	0	71.76	21.05	73.84	71.75	21.77	73.62	0.75	0.01	0.72	0.22	0.75	-	OK
35	0	100	40	0	48.09	70.46	16.89	47.52	72.19	17.61	1.96	0.58	1.73	0.71	0.29	-	OK
36	40	100	0	0	38.33	54.65	-20.28	37.63	56.07	-20.32	1.58	0.70	1.42	0.03	0.46	-	OK
37	40	0	100	0	74.15	-24.07	68.39	74.22	-23.61	69.14	0.88	0.08	0.47	0.75	0.69	-	OK
38	100	0	40	0	52.72	-53.48	-19.22	52.40	-53.27	-19.85	0.74	0.33	0.21	0.63	0.67	-	OK
39	100	40	0	0	43.65	-17.97	-47.67	43.41	-17.39	-48.05	0.73	0.23	0.58	0.38	0.68	-	OK
40	0	0	0	0	96.00	-0.80	0.10	96.10	-0.48	-0.53	0.71	0.10	0.32	0.63	0.70	-	OK
41	10	6	6	0	89.09	-1.64	-1.60	89.27	-0.99	-1.98	0.77	0.18	0.64	0.38	0.75	-	OK
42	20	12	12	0	82.51	-2.07	-2.65	82.54	-1.32	-2.83	0.77	0.03	0.75	0.18	0.74	-	OK
43	40	27	27	0	68.13	-3.05	-3.20	68.31	-2.18	-3.14	0.89	0.18	0.87	0.06	0.64	-	OK
44	60	45	45	0	52.63	-3.49	-2.66	53.07	-2.45	-2.74	1.13	0.44	1.04	0.08	0.77	-	OK
45	80	65	65	0	37.83	-4.82	-2.58	37.69	-4.11	-2.29	0.78	0.15	0.71	0.29	0.09	-	OK
46	100	85	85	0	26.56	-7.64	-3.14	26.34	-6.73	-3.72	1.10	0.22	0.91	0.58	0.92	-	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*54.66 a*-37.45 b*-49.60
 - M: L*48.42 a*72.64 b*-1.16
 - Y: L*89.21 a*-5.57 b*93.83
 - K: L*15.46 a*-0.45 b*-0.35



Gradation Curves

