



Print created by:	https://cielab.xyz/	Measuring device:	X-Rite i1Pro2 - M0
Last calibration:	2022_05	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_05
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	1.1 dE -	3.0	OK
Maximum all patches	2.6 dE Patch 8	6.0	OK
Paper white	0.3 dE Patch 40	3.0	OK
Cyan	1.2 dE Patch 1	5.0	OK
Magenta	2.0 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	1.8 dH -	2.5	OK
Hue difference - CMYK	1.8 dH -	2.5	OK
Hue difference - CMYRGB	1.8 dH -	4.0	OK
Hue diff. average gray	0.5 dH -	1.5	OK
Tone value diff.	1.8 % Patch 8	10.0	OK
Average CMYK patches	1.1 dCh -	2.5	OK
Maximum weighted CMY scale	1.2 dCh -	3.0	OK
Average weighted CMY scale	0.8 dCh -	1.5	OK
Maximum weighted K scale	0.8 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	0.2 dL -	1.5	OK

Overall Result

PASSED

Measuring data analysis

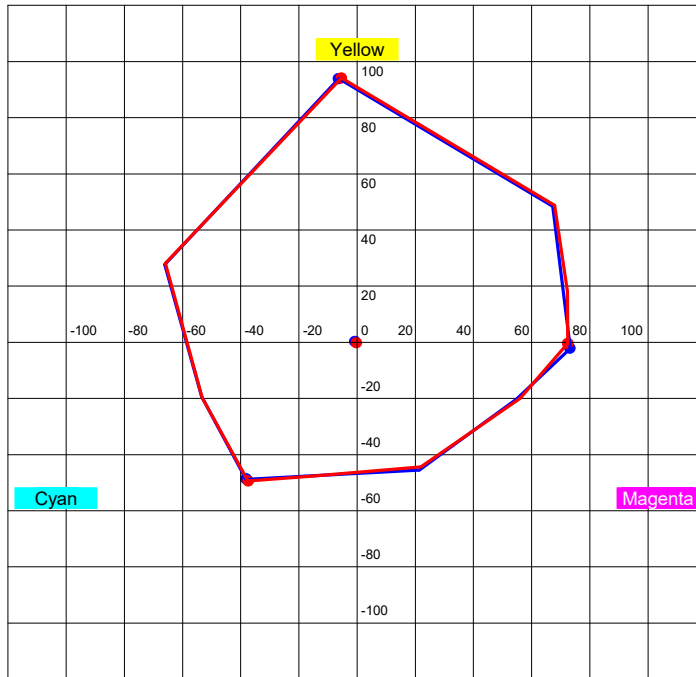
Patch ID	Reference				Measured			Color difference				Tone value diff.	Result				
	C	M	Y	K	L*	a*	b*	Delta E	dL*	da*	db*			dH*			
1	100	0	0	0	55.39	-38.14	-48.77	54.52	-37.50	-49.35	1.23	0.87	0.64	0.58	0.86	-	OK
2	70	0	0	0	67.32	-25.90	-35.72	67.41	-25.61	-35.67	0.31	0.09	0.29	0.05	0.21	-0.69%	OK
3	40	0	0	0	80.24	-13.79	-20.21	80.23	-13.36	-20.23	0.43	0.01	0.43	0.02	0.37	-0.29%	OK
4	0	100	0	0	48.35	73.28	-2.17	48.53	72.44	-0.39	1.98	0.18	0.84	1.78	1.77	-	OK
5	0	70	0	0	61.27	49.74	-5.66	61.09	50.69	-5.42	1.00	0.18	0.95	0.24	0.34	0.53%	OK
6	0	40	0	0	76.93	24.68	-5.56	77.02	24.88	-5.49	0.23	0.09	0.20	0.07	0.11	0.10%	OK
7	0	0	100	0	89.58	-6.28	93.95	89.02	-5.44	94.18	1.04	0.56	0.84	0.23	0.85	-	OK
8	0	0	70	0	90.92	-5.98	63.71	90.55	-5.54	66.26	2.61	0.37	0.44	2.55	0.67	1.80%	OK
9	0	0	40	0	92.78	-4.81	32.56	92.77	-4.36	33.10	0.70	0.01	0.45	0.54	0.52	0.71%	OK
10	20	70	70	0	53.50	36.86	29.58	53.48	37.69	30.91	1.57	0.02	0.83	1.33	0.50	-	OK
11	40	70	70	20	41.90	21.86	17.22	41.59	22.46	17.57	0.76	0.31	0.60	0.35	0.09	-	OK
12	40	100	100	20	32.20	39.23	24.26	31.82	40.43	25.10	1.51	0.38	1.20	0.84	0.08	-	OK
13	40	100	40	20	32.82	43.73	-1.36	32.78	44.63	-0.90	1.01	0.04	0.90	0.46	0.48	-	OK
14	40	40	100	20	51.66	0.29	45.03	51.72	1.26	46.34	1.63	0.06	0.97	1.31	0.95	-	OK
15	100	40	100	20	34.87	-37.40	14.26	34.16	-37.70	14.54	0.82	0.71	0.30	0.28	0.15	-	OK
16	100	40	40	20	36.26	-27.11	-20.19	35.95	-26.33	-20.18	0.84	0.31	0.78	0.01	0.46	-	OK
17	100	100	40	20	21.19	8.79	-23.26	20.16	9.23	-23.56	1.16	1.03	0.44	0.30	0.31	-	OK
18	0	0	0	10	89.51	-1.33	-0.46	89.54	-0.63	0.07	0.88	0.03	0.70	0.53	0.41	0.19%	OK
19	0	0	0	20	83.30	-1.36	-0.56	83.22	-0.67	-0.21	0.78	0.08	0.69	0.35	0.09	0.37%	OK
20	0	0	0	40	69.73	-1.28	-0.79	69.85	-0.67	-0.27	0.81	0.12	0.61	0.52	0.18	-0.13%	OK
21	0	0	0	60	54.53	-1.15	-0.24	55.48	-0.21	-0.26	1.34	0.95	0.94	0.02	0.42	-1.08%	OK
22	0	0	0	80	36.93	-0.92	-0.03	36.73	-0.74	-0.12	0.28	0.20	0.18	0.09	0.11	0.02%	OK
23	0	0	0	100	16.21	-0.79	0.13	15.52	-0.30	-0.21	0.91	0.69	0.49	0.34	0.41	-	OK
24	100	100	0	0	24.13	21.39	-45.49	24.17	21.85	-44.40	1.18	0.04	0.46	1.09	0.88	-	OK
25	70	70	0	0	41.26	17.01	-35.75	40.05	18.21	-35.40	1.74	1.21	1.20	0.35	1.23	-	OK
26	40	40	0	0	64.13	9.29	-22.55	63.76	10.16	-21.76	1.23	0.37	0.87	0.79	1.11	-	OK
27	0	100	100	0	47.36	67.28	48.45	47.23	67.86	48.84	0.71	0.13	0.58	0.39	0.02	-	OK
28	0	70	70	0	58.95	46.23	38.56	58.39	46.90	39.00	0.98	0.56	0.67	0.44	0.09	-	OK
29	0	40	40	0	74.67	21.86	22.53	74.56	22.86	23.32	1.28	0.11	1.00	0.79	0.17	-	OK
30	100	0	100	0	50.39	-66.18	27.67	49.68	-65.86	28.18	0.93	0.71	0.32	0.51	0.60	-	OK
31	70	0	70	0	62.60	-41.06	21.88	62.02	-40.96	22.44	0.81	0.58	0.10	0.56	0.54	-	OK
32	40	0	40	0	77.46	-20.31	12.27	77.39	-19.60	12.33	0.72	0.07	0.71	0.06	0.42	-	OK
33	10	40	40	0	71.68	17.76	18.33	71.63	18.54	18.59	0.82	0.05	0.78	0.26	0.37	-	OK
34	0	40	100	0	71.76	21.05	73.84	71.55	22.00	73.58	1.01	0.21	0.95	0.26	0.98	-	OK
35	0	100	40	0	48.09	70.46	16.89	47.38	72.29	18.17	2.34	0.71	1.83	1.28	0.80	-	OK
36	40	100	0	0	38.33	54.65	-20.28	37.32	55.96	-19.99	1.68	1.01	1.31	0.29	0.72	-	OK
37	40	0	100	0	74.15	-24.07	68.39	74.14	-23.56	69.33	1.07	0.01	0.51	0.94	0.79	-	OK
38	100	0	40	0	52.72	-53.48	-19.22	51.97	-53.28	-19.70	0.91	0.75	0.20	0.48	0.52	-	OK
39	100	40	0	0	43.65	-17.97	-47.67	43.06	-17.05	-47.78	1.10	0.59	0.92	0.11	0.90	-	OK
40	0	0	0	0	96.00	-0.80	0.10	96.13	-0.60	-0.09	0.30	0.13	0.20	0.19	0.19	-	OK
41	10	6	6	0	89.09	-1.64	-1.60	89.28	-1.01	-1.41	0.68	0.19	0.63	0.19	0.35	-	OK
42	20	12	12	0	82.51	-2.07	-2.65	82.55	-1.28	-2.32	0.86	0.04	0.79	0.33	0.48	-	OK
43	40	27	27	0	68.13	-3.05	-3.20	68.31	-2.01	-2.63	1.20	0.18	1.05	0.57	0.42	-	OK
44	60	45	45	0	52.63	-3.49	-2.66	53.14	-2.09	-2.50	1.50	0.51	1.40	0.16	0.85	-	OK
45	80	65	65	0	37.83	-4.82	-2.58	37.47	-3.94	-2.09	1.07	0.36	0.88	0.49	0.02	-	OK
46	100	85	85	0	26.56	-7.64	-3.14	26.28	-6.31	-3.67	1.46	0.28	1.33	0.53	1.06	-	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*54.52 a*-37.50 b*-49.35
- M: L*48.53 a*72.44 b*-0.39
- Y: L*89.02 a*-5.44 b*94.18
- K: L*15.52 a*-0.30 b*-0.21



Gradation Curves

