



Print created by:	https://cielab.xyz	Measuring device:	X-Rite i1Pro2 - M0
Last calibration:	2022_02	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_02
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	1.0 dE -	3.0	OK
Maximum all patches	2.9 dE Patch 8	6.0	OK
Paper white	0.2 dE Patch 40	3.0	OK
Cyan	0.6 dE Patch 1	5.0	OK
Magenta	1.8 dE Patch 4	5.0	OK
Yellow	0.7 dE Patch 7	5.0	OK
Black	1.1 dE Patch 23	5.0	OK
Hue difference - CMY	0.9 dH -	2.5	OK
Hue difference - CMYK	0.9 dH -	2.5	OK
Hue difference - CMYRGB	1.3 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	1.0 dCh -	2.5	OK
Maximum weighted CMY scale	1.1 dCh -	3.0	OK
Average weighted CMY scale	0.7 dCh -	1.5	OK
Maximum weighted K scale	0.9 dL -	3.0	OK
Average weighted K scale	0.3 dL -	1.5	OK
Maximum weighted CMY scale	1.0 dL -	3.0	OK
Average weighted CMY scale	0.4 dL -	1.5	OK

Overall Result

PASSED

Measuring data analysis

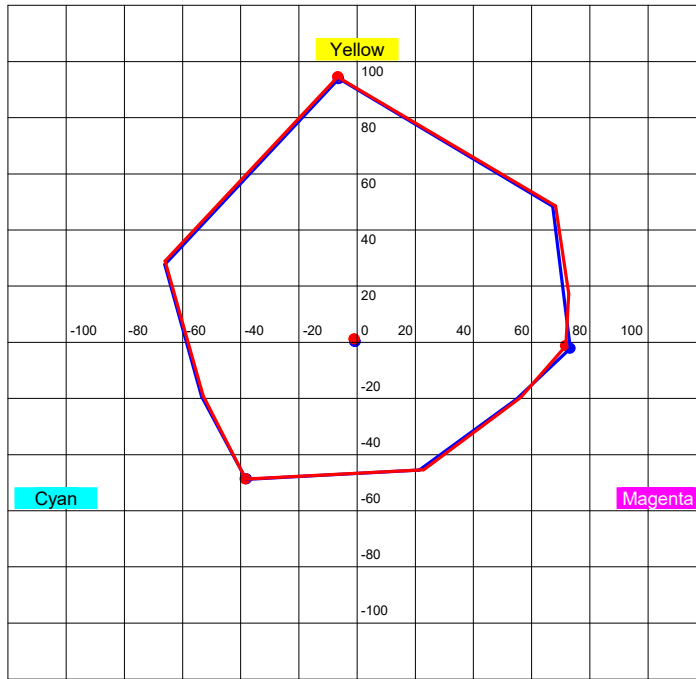
Patch ID	Reference				Measured			Color difference							Result		
	C	M	Y	K	L*	a*	b*	Delta E	dL*	da*	db*	dH*	Tone value diff.				
1	100	0	0	0	55.39	-38.14	-48.77	54.88	-38.33	-48.63	0.56	0.51	0.20	0.14	0.24	-	OK
2	70	0	0	0	67.32	-25.90	-35.72	67.48	-25.75	-35.19	0.57	0.16	0.15	0.53	0.19	-0.68%	OK
3	40	0	0	0	80.24	-13.79	-20.21	80.08	-13.39	-19.98	0.49	0.17	0.39	0.23	0.20	0.04%	OK
4	0	100	0	0	48.35	73.28	-2.17	48.35	71.75	-1.21	1.81	0.00	1.53	0.96	0.93	-	OK
5	0	70	0	0	61.27	49.74	-5.66	61.46	49.68	-5.07	0.62	0.18	0.05	0.59	0.58	-0.25%	OK
6	0	40	0	0	76.93	24.68	-5.56	77.27	24.83	-4.90	0.76	0.34	0.15	0.65	0.67	-0.68%	OK
7	0	0	100	0	89.58	-6.28	93.95	89.37	-6.69	94.52	0.73	0.21	0.41	0.57	0.37	-	OK
8	0	0	70	0	90.92	-5.98	63.71	90.32	-5.86	66.54	2.90	0.60	0.12	2.83	0.38	2.28%	OK
9	0	0	40	0	92.78	-4.81	32.56	92.64	-4.50	33.14	0.67	0.14	0.31	0.57	0.39	0.91%	OK
10	20	70	70	0	53.50	36.86	29.58	53.10	37.53	30.23	1.02	0.40	0.68	0.64	0.08	-	OK
11	40	70	70	20	41.90	21.86	17.22	41.88	22.17	17.91	0.76	0.02	0.30	0.69	0.35	-	OK
12	40	100	100	20	32.20	39.23	24.26	32.41	40.12	25.98	1.95	0.22	0.90	1.72	0.97	-	OK
13	40	100	40	20	32.82	43.73	-1.36	33.24	44.59	-0.26	1.46	0.42	0.86	1.10	1.11	-	OK
14	40	40	100	20	51.66	0.29	45.03	51.53	0.90	46.09	1.23	0.13	0.60	1.06	0.59	-	OK
15	100	40	100	20	34.87	-37.40	14.26	34.27	-38.02	15.11	1.21	0.59	0.62	0.85	0.57	-	OK
16	100	40	40	20	36.26	-27.11	-20.19	36.00	-26.46	-20.10	0.71	0.25	0.65	0.09	0.32	-	OK
17	100	100	40	20	21.19	8.79	-23.26	21.06	9.07	-23.23	0.31	0.13	0.29	0.03	0.28	-	OK
18	0	0	0	10	89.51	-1.33	-0.46	89.23	-0.94	-0.25	0.52	0.28	0.39	0.20	0.08	0.80%	OK
19	0	0	0	20	83.30	-1.36	-0.56	83.39	-0.85	-0.19	0.64	0.09	0.52	0.37	0.19	-0.09%	OK
20	0	0	0	40	69.73	-1.28	-0.79	69.38	-0.87	-0.36	0.69	0.35	0.41	0.43	0.19	0.59%	OK
21	0	0	0	60	54.53	-1.15	-0.24	55.58	-0.36	0.32	1.43	1.05	0.79	0.56	0.68	-1.18%	OK
22	0	0	0	80	36.93	-0.92	-0.03	37.57	-0.71	0.45	0.83	0.65	0.21	0.48	0.52	-0.46%	OK
23	0	0	0	100	16.21	-0.79	0.13	15.85	-0.83	1.18	1.11	0.36	0.03	1.05	0.83	-	OK
24	100	100	0	0	24.13	21.39	-45.49	24.26	22.83	-45.43	1.45	0.13	1.44	0.06	1.32	-	OK
25	70	70	0	0	41.26	17.01	-35.75	40.88	18.12	-34.90	1.45	0.38	1.12	0.85	1.38	-	OK
26	40	40	0	0	64.13	9.29	-22.55	64.32	9.84	-21.43	1.26	0.19	0.55	1.12	0.95	-	OK
27	0	100	100	0	47.36	67.28	48.45	47.26	68.26	48.61	1.00	0.09	0.98	0.16	0.44	-	OK
28	0	70	70	0	58.95	46.23	38.56	58.84	46.35	38.47	0.19	0.11	0.12	0.09	0.15	-	OK
29	0	40	40	0	74.67	21.86	22.53	74.50	21.95	23.97	1.45	0.17	0.09	1.44	0.93	-	OK
30	100	0	100	0	50.39	-66.18	27.67	50.36	-65.97	28.94	1.29	0.03	0.22	1.27	1.25	-	OK
31	70	0	70	0	62.60	-41.06	21.88	62.34	-40.95	23.22	1.37	0.26	0.11	1.34	1.23	-	OK
32	40	0	40	0	77.46	-20.31	12.27	77.61	-19.65	12.96	0.97	0.15	0.66	0.68	0.93	-	OK
33	10	40	40	0	71.68	17.76	18.33	71.60	18.29	19.44	1.23	0.09	0.53	1.11	0.38	-	OK
34	0	40	100	0	71.76	21.05	73.84	71.67	21.14	73.93	0.16	0.09	0.09	0.09	0.06	-	OK
35	0	100	40	0	48.09	70.46	16.89	47.79	72.73	17.38	2.34	0.30	2.27	0.49	0.05	-	OK
36	40	100	0	0	38.33	54.65	-20.28	38.34	56.22	-19.63	1.70	0.01	1.57	0.65	1.14	-	OK
37	40	0	100	0	74.15	-24.07	68.39	74.18	-23.85	69.53	1.16	0.03	0.23	1.15	0.59	-	OK
38	100	0	40	0	52.72	-53.48	-19.22	52.75	-52.97	-19.04	0.54	0.03	0.52	0.17	0.01	-	OK
39	100	40	0	0	43.65	-17.97	-47.67	43.81	-17.84	-47.19	0.52	0.17	0.13	0.48	0.05	-	OK
40	0	0	0	0	96.00	-0.80	0.10	96.06	-0.65	-0.02	0.20	0.06	0.15	0.12	0.11	-	OK
41	10	6	6	0	89.09	-1.64	-1.60	89.41	-1.08	-1.37	0.68	0.32	0.56	0.22	0.26	-	OK
42	20	12	12	0	82.51	-2.07	-2.65	82.85	-1.44	-2.17	0.86	0.34	0.63	0.48	0.23	-	OK
43	40	27	27	0	68.13	-3.05	-3.20	68.34	-2.18	-2.76	1.00	0.21	0.87	0.44	0.37	-	OK
44	60	45	45	0	52.63	-3.49	-2.66	53.85	-2.44	-1.99	1.74	1.22	1.05	0.67	0.12	-	OK
45	80	65	65	0	37.83	-4.82	-2.58	38.45	-4.07	-1.83	1.23	0.61	0.75	0.75	0.34	-	OK
46	100	85	85	0	26.56	-7.64	-3.14	26.99	-6.49	-2.83	1.27	0.43	1.15	0.30	0.17	-	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*54.88 a*-38.33 b*-48.63
 - M: L*48.35 a*71.75 b*-1.21
 - Y: L*89.37 a*-6.69 b*94.52
 - K: L*15.85 a*-0.83 b*1.18



Gradation Curves

