



Print created by:	https://cielab.xyz	Measuring device:	EFI ES-2000 - M0
Last calibration:	2023_10_16 (granularity 51 3cc)	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:	PMP Semimatt 2023_10
Reference profile:	ISO Coated v2	Proofing substrate:	PMP Semimatt FOGRA Sert
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

Overall Result

Criteria	Difference	Tolerance	Status
Average all patches	0.8 dE -	3.0	OK
Maximum all patches	1.9 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	1.9 dE Patch 4	5.0	OK
Yellow	1.3 dE Patch 7	5.0	OK
Black	0.5 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	0.9 dH -	4.0	OK
Hue diff. average gray	0.3 dH -	1.5	OK
Tone value diff.	1.7 % Patch 3	10.0	OK
Average CMYK patches	0.6 dCh -	2.5	OK
Maximum weighted CMY scale	0.8 dCh -	3.0	OK
Average weighted CMY scale	0.4 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	0.5 dL -	3.0	OK
Average weighted CMY scale	0.3 dL -	1.5	OK

PASSED

Measuring data analysis

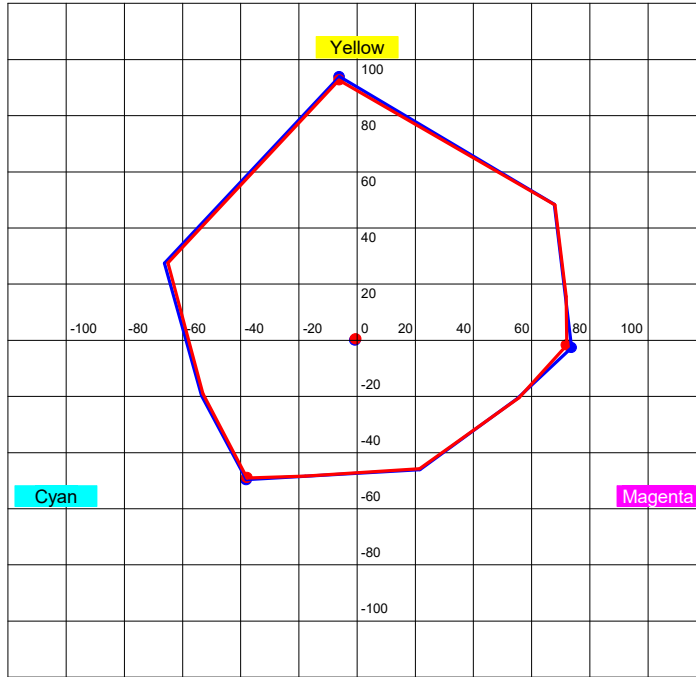
Patch ID	C	M	Y	K	Reference			Measured			Delta E	dL*	da*	db*	dH*	Tone value diff.	Result
					L*	a*	b*	L*	a*	b*							
1	100	0	0	0	55.65	-38.10	-49.57	55.56	-37.83	-49.01	0.63	0.08	0.27	0.57	0.13	-	OK
2	70	0	0	0	67.62	-25.78	-36.49	67.92	-25.33	-35.76	0.91	0.30	0.45	0.73	0.05	-0.95%	OK
3	40	0	0	0	80.59	-13.58	-20.95	80.87	-13.09	-20.69	0.62	0.28	0.49	0.26	0.28	-1.70%	OK
4	0	100	0	0	48.58	73.76	-2.58	48.82	72.10	-1.66	1.91	0.25	1.67	0.92	0.87	-	OK
5	0	70	0	0	61.55	50.16	-6.18	61.42	50.36	-6.23	0.24	0.13	0.20	0.05	0.03	0.18%	OK
6	0	40	0	0	77.26	25.04	-6.18	77.51	24.56	-5.69	0.73	0.25	0.48	0.48	0.36	-1.13%	OK
7	0	0	100	0	89.96	-6.02	93.96	89.89	-6.22	92.65	1.33	0.07	0.20	1.32	0.29	-	OK
8	0	0	70	0	91.30	-5.72	63.51	90.81	-5.48	62.90	0.82	0.49	0.24	0.61	0.18	0.37%	OK
9	0	0	40	0	93.17	-4.53	32.12	92.68	-4.38	31.32	0.95	0.48	0.14	0.80	0.03	-0.14%	OK
10	20	70	70	0	53.75	37.20	29.36	53.17	37.40	29.85	0.79	0.58	0.20	0.49	0.26	-	OK
11	40	70	70	20	42.11	22.12	16.99	41.89	21.75	17.46	0.64	0.22	0.37	0.47	0.60	-	OK
12	40	100	100	20	32.37	39.53	24.14	32.28	38.80	24.32	0.76	0.09	0.73	0.18	0.54	-	OK
13	40	100	40	20	32.99	44.05	-1.67	33.22	43.70	-0.78	0.98	0.23	0.35	0.89	0.88	-	OK
14	40	40	100	20	51.90	0.48	44.94	51.77	1.08	44.10	1.04	0.13	0.60	0.84	0.62	-	OK
15	100	40	100	20	35.05	-37.42	14.05	34.64	-36.41	13.54	1.20	0.41	1.01	0.51	0.12	-	OK
16	100	40	40	20	36.44	-27.08	-20.67	36.21	-25.94	-20.12	1.29	0.23	1.14	0.55	0.26	-	OK
17	100	100	40	20	21.32	8.93	-23.65	20.98	8.33	-22.89	1.03	0.34	0.59	0.76	0.29	-	OK
18	0	0	0	10	89.89	-1.04	-1.11	89.82	-0.86	-0.93	0.26	0.07	0.18	0.18	0.01	-0.86%	OK
19	0	0	0	20	83.66	-1.09	-1.18	83.89	-1.08	-1.00	0.29	0.24	0.01	0.19	0.13	-1.36%	OK
20	0	0	0	40	70.04	-1.05	-1.33	70.36	-1.04	-0.88	0.55	0.32	0.01	0.46	0.31	-1.04%	OK
21	0	0	0	60	54.78	-0.96	-0.68	55.40	-0.48	-0.36	0.85	0.62	0.48	0.32	0.02	-0.94%	OK
22	0	0	0	80	37.12	-0.78	-0.36	36.82	-0.27	-0.47	0.60	0.30	0.51	0.11	0.42	0.12%	OK
23	0	0	0	100	16.32	-0.71	-0.06	16.50	-0.47	0.36	0.52	0.18	0.24	0.43	0.48	-	OK
24	100	100	0	0	24.27	21.60	-46.06	24.77	21.43	-45.72	0.63	0.50	0.17	0.34	0.01	-	OK
25	70	70	0	0	41.46	17.24	-36.36	42.09	17.49	-35.87	0.84	0.63	0.26	0.49	0.44	-	OK
26	40	40	0	0	64.41	9.55	-23.21	64.43	9.90	-22.68	0.64	0.01	0.35	0.53	0.53	-	OK
27	0	100	100	0	47.58	67.74	48.40	47.92	67.98	48.27	0.44	0.34	0.24	0.13	0.25	-	OK
28	0	70	70	0	59.21	46.63	38.37	59.46	45.70	38.69	1.01	0.25	0.93	0.32	0.84	-	OK
29	0	40	40	0	74.99	22.19	22.13	74.80	22.44	22.47	0.46	0.19	0.24	0.34	0.07	-	OK
30	100	0	100	0	50.62	-66.28	27.46	50.36	-65.08	27.55	1.23	0.27	1.20	0.09	0.55	-	OK
31	70	0	70	0	62.88	-41.02	21.55	62.51	-40.51	21.11	0.77	0.37	0.51	0.44	0.15	-	OK
32	40	0	40	0	77.80	-20.14	11.78	78.18	-19.53	12.06	0.77	0.38	0.61	0.29	0.56	-	OK
33	10	40	40	0	72.00	18.08	17.92	71.98	18.45	17.97	0.37	0.02	0.37	0.05	0.22	-	OK
34	0	40	100	0	72.07	21.38	73.83	72.11	21.76	72.69	1.20	0.04	0.38	1.14	0.69	-	OK
35	0	100	40	0	48.32	70.93	16.61	48.26	71.88	15.59	1.40	0.06	0.95	1.03	1.21	-	OK
36	40	100	0	0	38.53	55.03	-20.76	38.57	55.70	-20.44	0.74	0.04	0.67	0.33	0.54	-	OK
37	40	0	100	0	74.47	-23.93	68.32	74.25	-23.34	67.60	0.96	0.22	0.59	0.71	0.32	-	OK
38	100	0	40	0	52.97	-53.52	-19.78	52.35	-53.09	-18.98	1.10	0.62	0.43	0.81	0.61	-	OK
39	100	40	0	0	43.86	-17.88	-48.38	43.74	-17.83	-48.32	0.14	0.12	0.05	0.06	0.03	-	OK
40	0	0	0	0	96.40	-0.50	-0.60	95.95	-0.69	-0.86	0.55	0.45	0.19	0.26	0.02	-	OK
41	10	6	6	0	89.46	-1.36	-2.26	89.52	-1.16	-2.39	0.25	0.06	0.19	0.12	0.23	-	OK
42	20	12	12	0	82.86	-1.81	-3.28	83.09	-1.49	-3.08	0.44	0.23	0.32	0.20	0.19	-	OK
43	40	27	27	0	68.44	-2.84	-3.75	67.90	-2.35	-3.98	0.76	0.53	0.49	0.23	0.54	-	OK
44	60	45	45	0	52.87	-3.32	-3.11	53.30	-2.82	-2.35	1.01	0.43	0.50	0.75	0.23	-	OK
45	80	65	65	0	38.03	-4.69	-2.93	38.43	-4.16	-2.53	0.78	0.40	0.54	0.40	0.06	-	OK
46	100	85	85	0	26.71	-7.55	-3.42	27.19	-6.93	-3.41	0.78	0.48	0.62	0.01	0.26	-	OK

Color space comparison

- Reference
- Measured

Primary colors

- Reference
 - C: L*55.65 a*-38.10 b*-49.57
 - M: L*48.58 a*73.76 b*-2.58
 - Y: L*89.96 a*-6.02 b*93.96
 - K: L*16.32 a*-0.71 b*-0.06
- Measured
 - C: L*55.56 a*-37.83 b*-49.01
 - M: L*48.82 a*72.10 b*-1.66
 - Y: L*89.89 a*-6.22 b*92.65
 - K: L*16.50 a*-0.47 b*0.36



Gradation Curves

