



<b>Print created by:</b>	https://cielab.xyz	<b>Measuring device:</b>	EFI ES-2000 - M0
<b>Last calibration:</b>	2023_08_23 (гранулярность 41)	<b>Measurement conditions:</b>	D50 2gr M0
<b>Proofing system:</b>	EFI 7	<b>Measuring underlay:</b>	White Backing
<b>Control strip:</b>	Ugra Fogra-MediaWedge V2.2a	<b>Printer:</b>	Epson
<b>Delta E format:</b>	dE CIE76	<b>Proof profile:</b>	ORIS PearlProof 2023_08
<b>Reference profile:</b>	ISO Coated v2	<b>Proofing substrate:</b>	ORIS PearlProof FOGRA Sert
<b>Reference data:</b>	FOGRA 39L	<b>Colorant:</b>	Ultrachrome K3
<b>Reference printing conditions:</b>	ISO Coated v2	<b>Job ID/Name</b>	- / ISOcoated_v2_300_eci_WP_...
<b>Fogra PSD Visual Assessment</b>	-		

## Summary

Criteria	Difference	Tolerance	Status
Average all patches	0.8 dE -	3.0	OK
Maximum all patches	2.2 dE Patch 4	6.0	OK
Paper white	0.3 dE Patch 40	3.0	OK
Cyan	0.8 dE Patch 1	5.0	OK
Magenta	2.2 dE Patch 4	5.0	OK
Yellow	0.7 dE Patch 7	5.0	OK
Black	0.9 dE Patch 23	5.0	OK
Hue difference - CMY	1.4 dH -	2.5	OK
Hue difference - CMYK	1.4 dH -	2.5	OK
Hue difference - CMYRGB	1.5 dH -	4.0	OK
Hue diff. average gray	0.3 dH -	1.5	OK
Tone value diff.	1.2 % Patch 6	10.0	OK
Average CMYK patches	0.6 dCh -	2.5	OK
Maximum weighted CMY scale	1.0 dCh -	3.0	OK
Average weighted CMY scale	0.5 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	0.4 dL -	3.0	OK
Average weighted CMY scale	0.3 dL -	1.5	OK

## Overall Result

**PASSED**

## Measuring data analysis

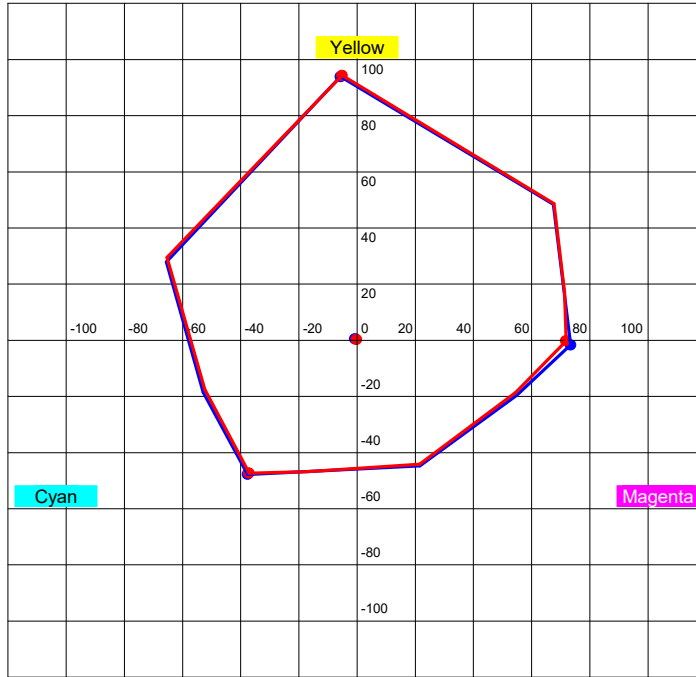
Patch ID	Reference				Measured			Color difference							Result		
	C	M	Y	K	L*	a*	b*	L*	a*	b*	Delta E	dL*	da*	db*		dH*	Tone value diff.
1	100	0	0	0	55.07	-37.63	-47.76	54.65	-37.10	-47.37	0.78	0.42	0.53	0.39	0.18	-	OK
2	70	0	0	0	66.95	-25.37	-34.73	66.88	-24.99	-34.99	0.47	0.07	0.39	0.26	0.47	-0.39%	OK
3	40	0	0	0	79.82	-13.23	-19.25	79.93	-13.36	-19.89	0.66	0.11	0.13	0.64	0.25	-0.61%	OK
4	0	100	0	0	48.06	73.39	-1.64	48.51	71.82	-0.20	2.18	0.45	1.56	1.43	1.41	-	OK
5	0	70	0	0	60.93	49.99	-4.99	60.93	50.52	-5.28	0.60	0.00	0.54	0.29	0.23	0.35%	OK
6	0	40	0	0	76.51	25.09	-4.76	77.08	25.06	-4.90	0.59	0.56	0.03	0.14	0.14	-1.22%	OK
7	0	0	100	0	89.11	-5.69	93.93	88.85	-5.21	94.43	0.74	0.26	0.48	0.50	0.51	-	OK
8	0	0	70	0	90.44	-5.40	63.99	90.02	-5.16	65.27	1.37	0.43	0.23	1.28	0.34	0.96%	OK
9	0	0	40	0	92.29	-4.21	33.14	91.86	-3.98	33.13	0.49	0.43	0.23	0.01	0.23	0.36%	OK
10	20	70	70	0	53.19	37.11	29.87	52.70	37.04	30.40	0.73	0.49	0.07	0.53	0.46	-	OK
11	40	70	70	20	41.64	22.10	17.53	40.91	21.98	17.83	0.80	0.73	0.12	0.30	0.31	-	OK
12	40	100	100	20	31.98	39.36	24.42	31.60	39.22	24.38	0.41	0.38	0.14	0.04	0.04	-	OK
13	40	100	40	20	32.60	43.85	-0.96	32.70	43.34	-0.48	0.71	0.10	0.51	0.48	0.47	-	OK
14	40	40	100	20	51.36	0.65	45.16	50.90	0.86	45.00	0.53	0.46	0.21	0.16	0.22	-	OK
15	100	40	100	20	34.64	-37.01	14.54	33.77	-36.68	14.25	0.97	0.86	0.33	0.28	0.14	-	OK
16	100	40	40	20	36.02	-26.75	-19.60	35.20	-26.26	-19.30	1.00	0.82	0.48	0.30	0.04	-	OK
17	100	100	40	20	21.02	8.96	-22.75	20.52	8.30	-22.11	1.05	0.50	0.65	0.64	0.38	-	OK
18	0	0	0	10	89.04	-0.76	0.39	89.01	-0.39	0.73	0.50	0.03	0.37	0.34	0.50	-0.22%	OK
19	0	0	0	20	82.86	-0.82	0.24	82.95	-0.52	0.52	0.42	0.09	0.31	0.28	0.40	-0.46%	OK
20	0	0	0	40	69.35	-0.82	-0.10	69.53	-0.75	0.30	0.44	0.18	0.08	0.40	0.41	-0.52%	OK
21	0	0	0	60	54.22	-0.77	0.32	54.16	-0.46	0.46	0.35	0.05	0.30	0.14	0.29	-0.14%	OK
22	0	0	0	80	36.69	-0.64	0.39	36.16	-1.24	0.16	0.83	0.53	0.60	0.23	0.40	0.15%	OK
23	0	0	0	100	16.06	-0.62	0.39	15.33	-0.22	0.17	0.86	0.74	0.40	0.21	0.04	-	OK
24	100	100	0	0	23.95	21.54	-44.75	23.93	21.50	-44.17	0.58	0.01	0.04	0.58	0.22	-	OK
25	70	70	0	0	41.00	17.26	-34.97	40.16	17.87	-34.08	1.37	0.84	0.61	0.89	0.95	-	OK
26	40	40	0	0	63.77	9.69	-21.70	63.78	10.23	-21.33	0.65	0.01	0.55	0.37	0.65	-	OK
27	0	100	100	0	47.07	67.40	48.51	46.72	67.65	48.67	0.46	0.35	0.26	0.16	0.02	-	OK
28	0	70	70	0	58.61	46.48	38.80	58.28	46.79	39.98	1.26	0.33	0.31	1.18	0.71	-	OK
29	0	40	40	0	74.26	22.27	23.05	74.06	22.90	23.66	0.90	0.21	0.63	0.61	0.03	-	OK
30	100	0	100	0	50.09	-65.61	27.95	48.97	-65.38	29.52	1.94	1.12	0.23	1.58	1.54	-	OK
31	70	0	70	0	62.25	-40.51	22.31	61.60	-40.55	23.02	0.96	0.64	0.04	0.71	0.60	-	OK
32	40	0	40	0	77.05	-19.75	12.91	77.15	-19.62	13.54	0.65	0.10	0.13	0.64	0.60	-	OK
33	10	40	40	0	71.29	18.18	18.86	70.99	18.72	19.37	0.80	0.30	0.55	0.51	0.04	-	OK
34	0	40	100	0	71.36	21.46	73.87	70.96	22.02	74.20	0.76	0.40	0.57	0.33	0.45	-	OK
35	0	100	40	0	47.81	70.57	17.25	47.88	71.26	17.09	0.71	0.07	0.69	0.16	0.32	-	OK
36	40	100	0	0	38.09	54.76	-19.66	38.18	54.48	-18.58	1.12	0.09	0.28	1.08	0.92	-	OK
37	40	0	100	0	73.75	-23.52	68.48	73.44	-23.43	69.90	1.46	0.31	0.09	1.42	0.54	-	OK
38	100	0	40	0	52.42	-52.94	-18.49	51.34	-52.39	-17.46	1.59	1.08	0.56	1.03	0.80	-	OK
39	100	40	0	0	43.38	-17.60	-46.76	43.11	-17.00	-46.73	0.66	0.27	0.60	0.03	0.56	-	OK
40	0	0	0	0	95.50	-0.20	1.00	95.38	-0.41	1.13	0.27	0.12	0.22	0.13	0.17	-	OK
41	10	6	6	0	88.62	-1.07	-0.74	89.05	-0.59	-0.50	0.69	0.43	0.48	0.24	0.10	-	OK
42	20	12	12	0	82.07	-1.54	-1.84	82.48	-1.13	-1.65	0.61	0.41	0.42	0.18	0.22	-	OK
43	40	27	27	0	67.76	-2.60	-2.50	67.37	-2.02	-2.92	0.82	0.39	0.58	0.42	0.71	-	OK
44	60	45	45	0	52.32	-3.12	-2.09	52.01	-2.22	-1.40	1.18	0.31	0.90	0.68	0.08	-	OK
45	80	65	65	0	37.60	-4.52	-2.12	36.84	-4.43	-1.58	0.94	0.76	0.09	0.54	0.47	-	OK
46	100	85	85	0	26.37	-7.39	-2.77	25.98	-7.00	-2.67	0.56	0.39	0.38	0.10	0.04	-	OK

Color space comparison

- Reference
- Measured

Primary colors

- Reference
  - C: L\*55.07 a\*-37.63 b\*-47.76
  - M: L\*48.06 a\*73.39 b\*-1.64
  - Y: L\*89.11 a\*-5.69 b\*93.93
  - K: L\*16.06 a\*-0.62 b\*0.39
- Measured
  - C: L\*54.65 a\*-37.10 b\*-47.37
  - M: L\*48.51 a\*71.82 b\*-0.20
  - Y: L\*88.85 a\*-5.21 b\*94.43
  - K: L\*15.33 a\*-0.22 b\*0.17



Gradation Curves

