



**Print created by:** https://cielab.xyz  
**Last calibration:** 2024\_10\_28 Granularity 51 3cc  
**Proofing system:** EFI 7  
**Control strip:** Ugra Fogra-MediaWedge V2.2a  
**Delta E format:** dE CIE76  
**Reference profile:** ISO Coated v2  
**Reference data:** FOGRA 39L  
**Reference printing conditions:** ISO Coated v2 - FOGRA 39L  
**Fogra PSD Visual Assessment** Granularity 51 3cc

**Measuring device:** X-Rite i1Pro2 - M0  
**Measurement conditions:** D50 2gr M0  
**Measuring underlay:** White Backing  
**Printer:** Epson  
**Proof profile:** PMPS 2024\_10\_28  
**Proofing substrate:** PMPS 250 FOGRA Sert  
**Colorant:** Ultrachrome K3  
**Job ID/Name** -/ ISOcoated\_v2\_eci\_WPC\_958.icc

## Summary

Criteria	Difference	Tolerance	Status
Average all patches	0.9 dE -	3.0	OK
Maximum all patches	2.3 dE Patch 8	6.0	OK
Paper white	0.3 dE Patch 40	3.0	OK
Cyan	1.1 dE Patch 1	5.0	OK
Magenta	0.7 dE Patch 4	5.0	OK
Yellow	1.1 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	0.2 dH -	1.5	OK
Tone value diff.	1.3 % Patch 8	10.0	OK
Average CMYK patches	0.6 dCh -	2.5	OK
Maximum weighted CMY scale	0.7 dCh -	3.0	OK
Average weighted CMY scale	0.4 dCh -	1.5	OK
Maximum weighted K scale	0.7 dL -	3.0	OK
Average weighted K scale	0.3 dL -	1.5	OK
Maximum weighted CMY scale	0.9 dL -	3.0	OK
Average weighted CMY scale	0.6 dL -	1.5	OK

## Overall Result

**PASSED**

## Measuring data analysis

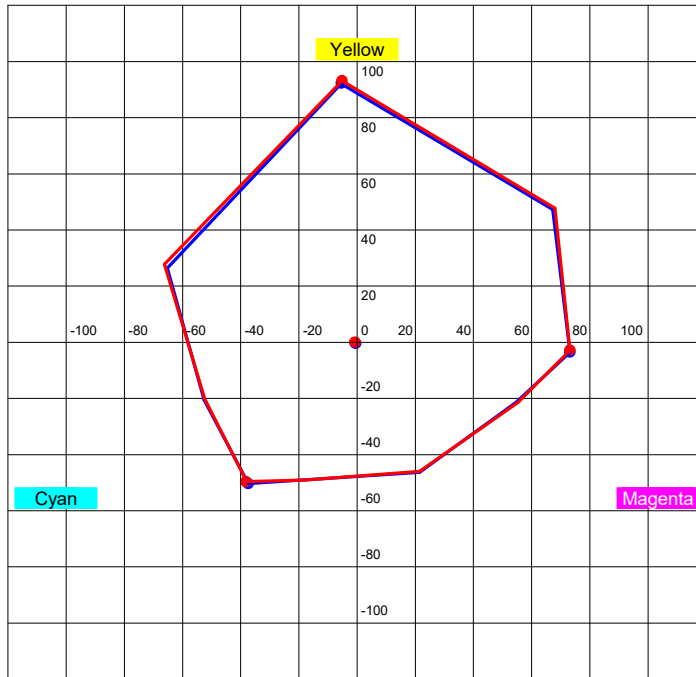
Patch ID	Reference				Measured			Color difference							Result		
	C	M	Y	K	L*	a*	b*	Delta E	dL*	da*	db*	dH*	Tone value diff.				
1	100	0	0	0	54.78	-37.36	-50.31	55.33	-38.00	-49.64	1.08	0.55	0.64	0.67	0.91	-	OK
2	70	0	0	0	66.61	-25.12	-37.43	67.07	-24.94	-36.82	0.78	0.45	0.18	0.61	0.19	-0.46%	OK
3	40	0	0	0	79.71	-12.96	-22.16	79.92	-12.98	-21.48	0.71	0.21	0.03	0.69	0.37	-0.32%	OK
4	0	100	0	0	47.80	73.23	-3.49	48.20	73.14	-2.87	0.74	0.39	0.09	0.62	0.62	-	OK
5	0	70	0	0	60.61	49.91	-7.20	61.64	49.57	-6.62	1.23	1.02	0.33	0.58	0.53	-1.25%	OK
6	0	40	0	0	76.32	25.17	-7.37	76.74	25.30	-6.69	0.81	0.42	0.13	0.68	0.69	-0.70%	OK
7	0	0	100	0	89.25	-5.47	92.13	89.48	-5.20	93.19	1.12	0.22	0.28	1.06	0.34	-	OK
8	0	0	70	0	90.62	-5.16	61.79	90.59	-4.95	64.08	2.30	0.03	0.21	2.29	0.40	1.34%	OK
9	0	0	40	0	92.54	-3.96	30.53	92.38	-4.44	31.35	0.96	0.16	0.48	0.83	0.36	1.11%	OK
10	20	70	70	0	52.90	37.09	28.31	53.16	37.03	28.13	0.32	0.26	0.06	0.18	0.11	-	OK
11	40	70	70	20	41.39	22.10	16.08	41.47	22.03	16.78	0.71	0.07	0.06	0.70	0.60	-	OK
12	40	100	100	20	31.77	39.28	23.32	32.08	39.24	24.35	1.08	0.31	0.04	1.02	0.89	-	OK
13	40	100	40	20	32.36	43.72	-2.36	32.90	44.03	-1.61	0.97	0.54	0.31	0.75	0.77	-	OK
14	40	40	100	20	51.08	0.79	43.84	51.22	1.26	44.02	0.52	0.14	0.47	0.18	0.47	-	OK
15	100	40	100	20	34.48	-36.88	13.40	34.52	-37.20	14.05	0.73	0.04	0.32	0.65	0.50	-	OK
16	100	40	40	20	35.86	-26.69	-21.21	36.04	-26.40	-20.62	0.68	0.19	0.29	0.59	0.29	-	OK
17	100	100	40	20	20.88	8.93	-24.05	21.17	8.74	-23.16	0.96	0.29	0.19	0.89	0.14	-	OK
18	0	0	0	10	89.16	-0.58	-2.51	89.21	-0.31	-2.18	0.43	0.06	0.27	0.33	0.20	-0.12%	OK
19	0	0	0	20	82.77	-0.67	-2.51	83.04	-0.46	-2.00	0.61	0.27	0.21	0.51	0.08	-0.57%	OK
20	0	0	0	40	68.95	-0.67	-2.48	69.62	-0.67	-2.28	0.70	0.67	0.00	0.20	0.05	-1.08%	OK
21	0	0	0	60	53.89	-0.65	-1.63	54.55	-0.21	-1.24	0.88	0.66	0.44	0.39	0.32	-0.75%	OK
22	0	0	0	80	36.46	-0.56	-1.05	36.72	-0.28	-0.63	0.57	0.26	0.28	0.42	0.06	-0.20%	OK
23	0	0	0	100	15.93	-0.58	-0.49	15.70	-0.63	-0.07	0.48	0.23	0.05	0.42	0.40	-	OK
24	100	100	0	0	23.90	21.44	-46.33	24.19	21.42	-45.93	0.49	0.29	0.02	0.40	0.15	-	OK
25	70	70	0	0	40.77	17.29	-36.91	41.23	17.85	-36.35	0.92	0.46	0.56	0.56	0.75	-	OK
26	40	40	0	0	63.44	9.77	-24.16	63.76	9.82	-23.66	0.60	0.33	0.05	0.49	0.23	-	OK
27	0	100	100	0	46.82	67.25	47.34	47.40	68.05	47.72	1.06	0.58	0.81	0.39	0.15	-	OK
28	0	70	70	0	58.30	46.46	37.21	58.72	46.26	37.22	0.47	0.43	0.20	0.01	0.14	-	OK
29	0	40	40	0	74.02	22.33	20.79	74.70	22.62	22.06	1.47	0.68	0.28	1.27	0.72	-	OK
30	100	0	100	0	49.80	-65.21	26.40	50.50	-66.22	27.83	1.89	0.70	1.01	1.43	0.94	-	OK
31	70	0	70	0	61.92	-40.21	20.45	62.35	-39.33	20.73	1.02	0.43	0.88	0.29	0.66	-	OK
32	40	0	40	0	76.88	-19.48	10.47	77.18	-19.07	10.80	0.61	0.30	0.42	0.33	0.49	-	OK
33	10	40	40	0	70.98	18.27	16.65	71.69	18.35	16.72	0.72	0.71	0.08	0.07	0.00	-	OK
34	0	40	100	0	71.00	21.55	72.31	71.41	21.69	71.42	0.99	0.40	0.14	0.89	0.39	-	OK
35	0	100	40	0	47.55	70.44	15.68	47.74	71.22	16.07	0.89	0.19	0.78	0.39	0.21	-	OK
36	40	100	0	0	37.85	54.69	-21.37	38.34	55.25	-21.44	0.75	0.49	0.56	0.08	0.13	-	OK
37	40	0	100	0	73.49	-23.26	66.81	73.89	-22.93	67.32	0.73	0.41	0.33	0.51	0.48	-	OK
38	100	0	40	0	52.12	-52.62	-20.58	52.94	-52.39	-20.18	0.94	0.81	0.23	0.40	0.29	-	OK
39	100	40	0	0	43.16	-17.47	-48.95	43.62	-17.70	-49.07	0.53	0.47	0.23	0.13	0.17	-	OK
40	0	0	0	0	95.77	0.01	-2.10	95.78	-0.26	-2.12	0.27	0.01	0.27	0.02	0.27	-	OK
41	10	6	6	0	88.76	-0.87	-3.63	89.44	-0.61	-3.65	0.73	0.67	0.26	0.02	0.26	-	OK
42	20	12	12	0	82.02	-1.37	-4.58	82.66	-1.17	-3.89	0.96	0.64	0.21	0.69	0.00	-	OK
43	40	27	27	0	67.40	-2.43	-4.85	68.34	-2.09	-4.90	1.00	0.93	0.35	0.04	0.33	-	OK
44	60	45	45	0	52.03	-2.96	-4.00	52.80	-2.39	-3.59	1.04	0.77	0.57	0.42	0.23	-	OK
45	80	65	65	0	37.37	-4.39	-3.62	38.06	-3.78	-3.17	1.03	0.68	0.61	0.46	0.04	-	OK
46	100	85	85	0	26.20	-7.28	-3.94	26.51	-6.45	-3.23	1.14	0.31	0.83	0.71	0.25	-	OK

## Color space comparison

- Reference
- Measured

## Primary colors

- Reference
  - C: L\*54.78 a\*-37.36 b\*-50.31
  - M: L\*47.80 a\*73.23 b\*-3.49
  - Y: L\*89.25 a\*-5.47 b\*92.13
  - K: L\*15.93 a\*-0.58 b\*-0.49
- Measured
  - C: L\*55.33 a\*-38.00 b\*-49.64
  - M: L\*48.20 a\*73.14 b\*-2.87
  - Y: L\*89.48 a\*-5.20 b\*93.19
  - K: L\*15.70 a\*-0.63 b\*-0.07



## Gradation Curves

