



Print created by: https://cielab.xyz/
Last calibration: 2022_06
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 PSD Visual Assessment -

Measuring device: X-Rite i1Pro2 - M0
Measurement conditions: D50 2gr M0
Measuring underlay: White Backing
Printer: Epson
Proof profile: GMG Proofing Paper 2022_06
Proofing substrate: GMG Proofing Paper Gloss
Colorant: Ultrachrome K3
Job ID/Name - / ISOcoated_v2_300_eci_WP_...

Summary

Criteria	Difference	Tolerance	Status
Average all patches	1.0 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	1.3 dE Patch 1	5.0	OK
Magenta	1.1 dE Patch 4	5.0	OK
Yellow	1.0 dE Patch 7	5.0	OK
Black	0.6 dE Patch 23	5.0	OK
Hue difference - CMY	1.2 dH -	2.5	OK
Hue difference - CMYK	1.2 dH -	2.5	OK
Hue difference - CMYRGB	1.8 dH -	4.0	OK
Hue diff. average gray	0.3 dH -	1.5	OK
Tone value diff.	1.8 % Patch 8	10.0	OK
Average CMYK patches	0.8 dCh -	2.5	OK
Maximum weighted CMY scale	0.9 dCh -	3.0	OK
Average weighted CMY scale	0.6 dCh -	1.5	OK
Maximum weighted K scale	0.8 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	0.4 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*	L*	a*	b*	Delta E	dL*			da*	db*	dH*
1	100	0	0	0	55.39	-38.14	-48.77	55.66	-39.20	-48.13	1.27	0.27	1.06	0.64	1.23	-	OK
2	70	0	0	0	67.32	-25.90	-35.72	67.86	-26.36	-35.13	0.92	0.54	0.46	0.59	0.72	-0.56%	OK
3	40	0	0	0	80.24	-13.79	-20.21	80.24	-13.93	-20.20	0.14	0.00	0.14	0.01	0.12	0.32%	OK
4	0	100	0	0	48.35	73.28	-2.17	48.31	72.41	-1.56	1.06	0.04	0.87	0.61	0.59	-	OK
5	0	70	0	0	61.27	49.74	-5.66	62.02	49.82	-5.52	0.77	0.75	0.08	0.14	0.15	-1.16%	OK
6	0	40	0	0	76.93	24.68	-5.56	77.30	23.98	-4.79	1.10	0.37	0.70	0.77	0.60	-0.69%	OK
7	0	0	100	0	89.58	-6.28	93.95	89.20	-5.94	94.78	0.97	0.38	0.34	0.83	0.39	-	OK
8	0	0	70	0	90.92	-5.98	63.71	90.44	-5.75	66.23	2.58	0.48	0.23	2.52	0.46	1.82%	OK
9	0	0	40	0	92.78	-4.81	32.56	92.53	-4.85	33.41	0.89	0.25	0.04	0.85	0.08	1.39%	OK
10	20	70	70	0	53.50	36.86	29.58	53.60	37.26	30.52	1.03	0.10	0.40	0.94	0.47	-	OK
11	40	70	70	20	41.90	21.86	17.22	41.79	22.52	17.25	0.67	0.11	0.66	0.03	0.38	-	OK
12	40	100	100	20	32.20	39.23	24.26	32.18	40.82	25.07	1.78	0.02	1.59	0.81	0.15	-	OK
13	40	100	40	20	32.82	43.73	-1.36	33.14	44.55	-0.76	1.07	0.32	0.82	0.60	0.62	-	OK
14	40	40	100	20	51.66	0.29	45.03	52.14	0.89	46.43	1.60	0.48	0.60	1.40	0.58	-	OK
15	100	40	100	20	34.87	-37.40	14.26	34.93	-38.31	14.61	0.98	0.06	0.91	0.35	0.00	-	OK
16	100	40	40	20	36.26	-27.11	-20.19	36.77	-26.90	-20.29	0.56	0.51	0.21	0.10	0.20	-	OK
17	100	100	40	20	21.19	8.79	-23.26	21.61	8.50	-23.00	0.57	0.42	0.29	0.26	0.18	-	OK
18	0	0	0	10	89.51	-1.33	-0.46	89.76	-0.83	-0.27	0.59	0.25	0.50	0.19	0.02	-0.40%	OK
19	0	0	0	20	83.30	-1.36	-0.56	83.61	-1.09	-0.05	0.66	0.31	0.27	0.51	0.43	-0.50%	OK
20	0	0	0	40	69.73	-1.28	-0.79	69.84	-1.02	-0.12	0.73	0.11	0.26	0.67	0.54	-0.08%	OK
21	0	0	0	60	54.53	-1.15	-0.24	55.43	-0.77	0.46	1.20	0.90	0.38	0.70	0.75	-0.94%	OK
22	0	0	0	80	36.93	-0.92	-0.03	37.66	-0.30	0.54	1.11	0.73	0.62	0.57	0.79	-0.45%	OK
23	0	0	0	100	16.21	-0.79	0.13	16.13	-1.39	-0.10	0.65	0.08	0.60	0.23	0.25	-	OK
24	100	100	0	0	24.13	21.39	-45.49	24.49	21.85	-45.63	0.60	0.36	0.46	0.14	0.35	-	OK
25	70	70	0	0	41.26	17.01	-35.75	41.21	17.52	-35.54	0.55	0.05	0.51	0.21	0.55	-	OK
26	40	40	0	0	64.13	9.29	-22.55	64.46	9.82	-21.33	1.37	0.33	0.53	1.22	0.97	-	OK
27	0	100	100	0	47.36	67.28	48.45	47.75	68.00	49.35	1.22	0.39	0.72	0.90	0.31	-	OK
28	0	70	70	0	58.95	46.23	38.56	59.02	46.34	38.85	0.32	0.07	0.11	0.29	0.15	-	OK
29	0	40	40	0	74.67	21.86	22.53	75.09	21.71	23.49	1.06	0.42	0.15	0.96	0.77	-	OK
30	100	0	100	0	50.39	-66.18	27.67	50.49	-66.66	29.84	2.22	0.10	0.48	2.17	1.80	-	OK
31	70	0	70	0	62.60	-41.06	21.88	62.52	-41.21	22.90	1.03	0.08	0.15	1.02	0.83	-	OK
32	40	0	40	0	77.46	-20.31	12.27	77.78	-19.75	12.50	0.68	0.32	0.56	0.23	0.49	-	OK
33	10	40	40	0	71.68	17.76	18.33	71.99	17.73	19.08	0.81	0.31	0.03	0.75	0.54	-	OK
34	0	40	100	0	71.76	21.05	73.84	71.80	21.06	74.53	0.69	0.04	0.01	0.69	0.18	-	OK
35	0	100	40	0	48.09	70.46	16.89	47.79	72.63	17.46	2.26	0.30	2.17	0.57	0.05	-	OK
36	40	100	0	0	38.33	54.65	-20.28	38.20	56.24	-20.42	1.60	0.13	1.59	0.14	0.42	-	OK
37	40	0	100	0	74.15	-24.07	68.39	74.38	-23.33	68.71	0.84	0.23	0.74	0.32	0.81	-	OK
38	100	0	40	0	52.72	-53.48	-19.22	53.25	-53.40	-18.54	0.87	0.53	0.08	0.68	0.61	-	OK
39	100	40	0	0	43.65	-17.97	-47.67	44.47	-18.33	-47.23	1.00	0.82	0.36	0.44	0.49	-	OK
40	0	0	0	0	96.00	-0.80	0.10	96.09	-0.63	-0.08	0.26	0.09	0.17	0.18	0.18	-	OK
41	10	6	6	0	89.09	-1.64	-1.60	89.62	-1.22	-1.41	0.70	0.53	0.42	0.19	0.18	-	OK
42	20	12	12	0	82.51	-2.07	-2.65	82.89	-1.58	-2.62	0.62	0.38	0.49	0.03	0.39	-	OK
43	40	27	27	0	68.13	-3.05	-3.20	68.52	-2.50	-2.71	0.83	0.39	0.55	0.49	0.07	-	OK
44	60	45	45	0	52.63	-3.49	-2.66	53.72	-2.89	-1.85	1.48	1.09	0.60	0.81	0.31	-	OK
45	80	65	65	0	37.83	-4.82	-2.58	38.35	-3.68	-1.91	1.42	0.52	1.14	0.67	0.06	-	OK
46	100	85	85	0	26.56	-7.64	-3.14	26.71	-7.19	-3.90	0.90	0.15	0.45	0.76	0.88	-	OK

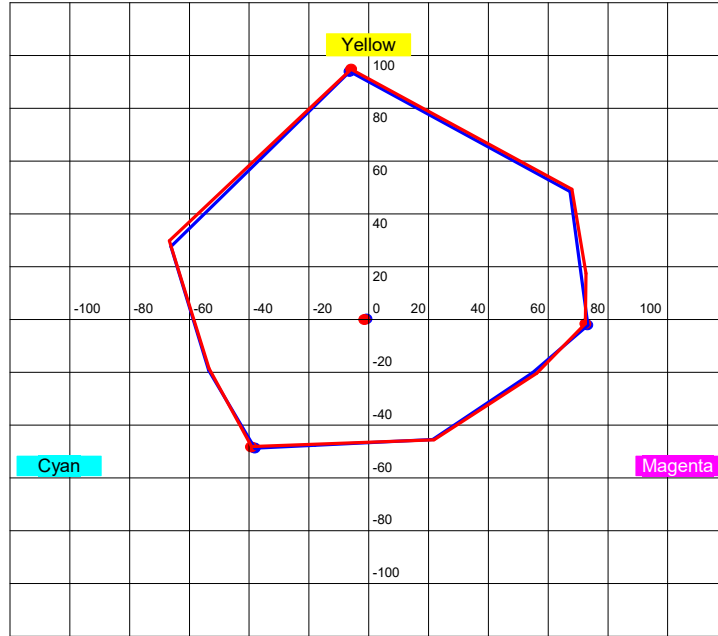
Color space comparison

- 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*55.66 a*-39.20 b*-48.13
- M: L*48.31 a*72.41 b*-1.56
- Y: L*89.20 a*-5.94 b*94.78
- K: L*16.13 a*-1.39 b*-0.10



Gradation Curves

