EFI Color Verifier

Print created by:	cielab.xyz	Measuring device:	X-Rite i1Pro2 - M0
Last calibration:	-	Measurement conditions:	-
Proofing system:	EFI 7	Measuring underlay:	-
Control strip:	Ugra Fogra-MediaWedge V2.2a	Printer:	Epson
Delta E format:	dE CIE76	Proof profile:	Luster
Reference profile:	ISO Coated v2 300	Proofing substrate:	-
Reference data:	-	Colorant:	-
Reference printing conditions:	Epson	Job ID/Name	-/ ISOcoated_v2_300_eci.icc
Fogra PSD Visual Assessment	-		

Summary

Criteria	Difference			Tolerance	Status
Average all patches	1.0	dE	-	3.0	OK
Maximum all patches	2.4	dE	Patch 15	6.0	OK
Paper white	0.3	dE	Patch 40	3.0	OK
Cyan	1.5	dE	Patch 1	5.0	OK
Magenta	1.0	dE	Patch 4	5.0	OK
Yellow	0.8	dE	Patch 7	5.0	OK
Black	1.3	dE	Patch 23	5.0	OK
Hue difference - CMY	0.4	dH	-	2.5	OK
Hue difference - CMYK	0.4	dH	-	2.5	OK
Hue difference - CMYRGB	0.8	dH	-	4.0	OK
Hue diff. average gray	0.2	dH	-	1.5	OK
Tone value diff.	0.8	%	Patch 20	10.0	OK
Average CMYK patches	0.5	dCh	-	2.5	OK
Maximum weighted CMY scale	0.6	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	0.2	dL	-	1.5	OK

Overall Result

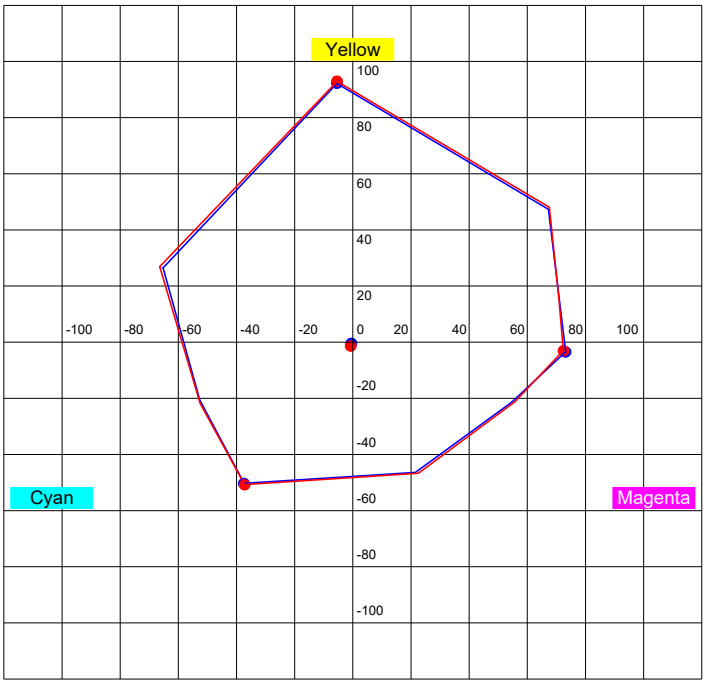
PASSED

Measuring data analysis

	Patch ID	C	M	Y	K	Reference L*	Reference a*	Reference b*	Measured L*	Measured a*	Measured b*	Color difference Delta E	dL*	da*	db*	dH*	Tone value diff.	Result
	1	100	0	0	0	54.77	-37.36	-50.30	53.32	-37.19	-50.73	1.52	1.45	0.17	0.43	0.39	-	OK
	2	70	0	0	0	66.60	-25.12	-37.44	66.00	-25.96	-37.52	1.04	0.60	0.84	0.08	0.64	0.14%	OK
	3	40	0	0	0	79.41	-13.00	-22.13	78.98	-13.20	-22.15	0.47	0.43	0.20	0.02	0.16	0.48%	OK
	4	0	100	0	0	47.79	73.23	-3.43	47.37	72.40	-3.03	1.01	0.42	0.83	0.40	0.36	-	OK
	5	0	70	0	0	60.60	49.95	-7.18	59.90	50.58	-7.45	0.98	0.71	0.63	0.27	0.18	0.80%	OK
	6	0	40	0	0	76.12	25.18	-7.38	75.88	25.20	-6.74	0.68	0.24	0.02	0.64	0.62	0.53%	OK
	7	0	0	100	0	88.67	-5.47	92.14	88.97	-5.40	92.90	0.82	0.31	0.07	0.76	0.12	-	OK
	8	0	0	70	0	89.99	-5.17	61.80	89.32	-5.26	61.41	0.78	0.68	0.09	0.39	0.12	0.45%	OK
	9	0	0	40	0	91.83	-3.99	30.53	91.60	-4.45	30.44	0.52	0.24	0.46	0.09	0.47	0.31%	OK
	10	20	70	70	0	52.90	37.10	28.31	52.88	37.43	28.52	0.39	0.01	0.33	0.21	0.03	-	OK
	11	40	70	70	20	41.40	22.13	16.14	40.80	22.46	15.39	1.02	0.60	0.33	0.75	0.81	-	OK
	12	40	100	100	20	31.78	39.30	23.39	31.32	40.85	23.42	1.62	0.46	1.55	0.04	0.75	-	OK
	13	40	100	40	20	32.39	43.77	-2.31	32.06	43.95	-2.84	0.65	0.34	0.17	0.53	0.52	-	OK
	14	40	40	100	20	51.07	0.78	43.83	50.70	1.51	45.05	1.47	0.37	0.73	1.22	0.70	-	OK
	15	100	40	100	20	34.42	-36.77	13.31	32.83	-38.41	12.44	2.44	1.59	1.64	0.87	1.35	-	OK
	16	100	40	40	20	35.80	-26.55	-21.27	35.12	-26.04	-22.76	1.72	0.68	0.51	1.50	1.48	-	OK
	17	100	100	40	20	20.87	8.99	-24.04	20.40	8.50	-24.32	0.73	0.46	0.50	0.28	0.56	-	OK
	18	0	0	0	10	88.60	-0.56	-2.51	88.78	-0.36	-1.97	0.60	0.18	0.19	0.54	0.08	-0.16%	OK
	19	0	0	0	20	82.44	-0.63	-2.50	82.56	-0.61	-1.76	0.75	0.11	0.02	0.74	0.19	-0.04%	OK
	20	0	0	0	40	68.99	-0.66	-2.47	68.50	-0.67	-2.19	0.56	0.49	0.02	0.28	0.09	0.84%	OK
	21	0	0	0	60	53.92	-0.63	-1.61	53.72	-0.11	-1.89	0.62	0.20	0.52	0.27	0.57	0.15%	OK
	22	0	0	0	80	36.47	-0.54	-1.06	36.00	-0.50	-1.49	0.64	0.46	0.04	0.42	0.20	0.12%	OK
	23	0	0	0	100	15.93	-0.56	-0.49	15.01	-0.77	-1.37	1.29	0.92	0.21	0.87	0.36	-	OK
	24	100	100	0	0	23.78	21.53	-46.39	22.93	22.55	-46.70	1.36	0.85	1.01	0.32	0.78	-	OK
	25	70	70	0	0	40.76	17.30	-36.96	39.10	18.73	-37.36	2.23	1.66	1.43	0.40	1.12	-	OK
	26	40	40	0	0	63.43	9.80	-24.17	62.52	10.50	-24.28	1.15	0.92	0.70	0.11	0.60	-	OK
	27	0	100	100	0	46.81	67.26	47.34	46.95	67.59	48.07	0.81	0.14	0.33	0.72	0.40	-	OK
	28	0	70	70	0	58.29	46.45	37.20	58.03	47.28	37.03	0.89	0.27	0.83	0.16	0.64	-	OK
	29	0	40	40	0	73.88	22.35	20.82	73.89	23.19	21.35	0.99	0.01	0.83	0.53	0.18	-	OK
	30	100	0	100	0	49.81	-65.24	26.45	48.32	-66.41	26.92	1.95	1.49	1.17	0.47	0.01	-	OK
	31	70	0	70	0	61.92	-40.21	20.40	60.85	-40.86	19.97	1.32	1.06	0.66	0.44	0.69	-	OK
	32	40	0	40	0	76.65	-19.49	10.48	76.16	-19.22	10.29	0.59	0.49	0.27	0.19	0.04	-	OK
	33	10	40	40	0	70.92	18.27	16.67	70.79	18.72	17.01	0.58	0.13	0.44	0.34	0.05	-	OK
	34	0	40	100	0	71.00	21.54	72.33	70.95	23.14	72.91	1.70	0.04	1.60	0.59	1.36	-	OK
	35	0	100	40	0	47.54	70.42	15.68	46.60	70.91	15.30	1.13	0.93	0.48	0.39	0.48	-	OK
	36	40	100	0	0	37.86	54.66	-21.39	37.28	55.63	-21.31	1.13	0.58	0.97	0.08	0.43	-	OK
	37	40	0	100	0	73.37	-23.26	66.81	73.02	-23.12	67.39	0.69	0.35	0.13	0.58	0.32	-	OK
	38	100	0	40	0	52.13	-52.61	-20.61	51.21	-52.53	-21.77	1.48	0.92	0.08	1.17	1.11	-	OK
	39	100	40	0	0	43.13	-17.42	-48.95	42.29	-16.19	-49.14	1.50	0.84	1.23	0.18	1.22	-	OK
	40	0	0	0	0	95.03	0.02	-2.08	95.17	-0.19	-1.84	0.35	0.14	0.20	0.24	0.21	-	OK
	41	10	6	6	0	88.17	-0.87	-3.65	88.37	-0.77	-3.32	0.40	0.20	0.09	0.32	0.02	-	OK
	42	20	12	12	0	81.65	-1.35	-4.58	81.85	-1.15	-4.03	0.62	0.19	0.20	0.54	0.04	-	OK
	43	40	27	27	0	67.41	-2.43	-4.85	66.89	-2.40	-5.12	0.59	0.52	0.03	0.27	0.14	-	OK
	44	60	45	45	0	52.03	-2.98	-4.00	52.14	-2.50	-3.67	0.59	0.11	0.48	0.34	0.19	-	OK
	45	80	65	65	0	37.37	-4.40	-3.63	36.87	-3.73	-3.43	0.86	0.49	0.67	0.20	0.29	-	OK
	46	100	85	85	0	26.19	-7.28	-3.97	25.65	-7.47	-4.64	0.88	0.53	0.19	0.67	0.48	-	OK

Color space comparison

- Reference
- Measured



Primary colors

Reference

C: L*54.77 a*-37.36 b*-50.30
M: L*47.79 a*73.23 b*-3.43
Y: L*88.67 a*-5.47 b*92.14
K: L*15.93 a*-0.56 b*-0.49

Measured

C: L*53.32 a*-37.19 b*-50.73
M: L*47.37 a*72.40 b*-3.03
Y: L*88.97 a*-5.40 b*92.90
K: L*15.01 a*-0.77 b*-1.37

Gradation Curves