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	2.1	dE	Patch 30	6.0	OK
Paper white	0.3	dE	Patch 40	3.0	OK
Cyan	0.9	dE	Patch 1	5.0	OK
Magenta	1.2	dE	Patch 4	5.0	OK
Yellow	0.3	dE	Patch 7	5.0	OK
Black	0.7	dE	Patch 23	5.0	OK
Hue difference - CMY	0.3	dH	-	2.5	OK
Hue difference - CMYK	0.6	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.	1.1	%	Patch 8	10.0	OK
Average CMYK patches	0.7	dCh	-	2.5	OK
Maximum weighted CMY scale	1.1	dCh	-	3.0	OK
Average weighted CMY scale	0.5	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	0.4	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	53.88	-37.46	-50.19	0.90	0.89	0.11	0.11	0.15	-	OK
	2	70	0	0	0	66.60	-25.12	-37.44	66.54	-25.20	-36.90	0.55	0.06	0.07	0.54	0.36	-0.81%	OK
	3	40	0	0	0	79.41	-13.00	-22.13	78.98	-12.89	-22.22	0.45	0.43	0.10	0.09	0.13	-0.01%	OK
	4	0	100	0	0	47.79	73.23	-3.43	47.09	72.27	-3.53	1.19	0.69	0.96	0.10	0.15	-	OK
	5	0	70	0	0	60.60	49.95	-7.18	60.09	50.13	-7.38	0.58	0.52	0.18	0.20	0.17	0.06%	OK
	6	0	40	0	0	76.12	25.18	-7.38	75.93	24.91	-6.55	0.89	0.19	0.27	0.83	0.73	-0.32%	OK
	7	0	0	100	0	88.67	-5.47	92.14	88.71	-5.21	92.08	0.27	0.05	0.26	0.06	0.26	-	OK
	8	0	0	70	0	89.99	-5.17	61.80	88.87	-5.19	61.60	1.14	1.13	0.02	0.20	0.03	1.07%	OK
	9	0	0	40	0	91.83	-3.99	30.53	91.22	-4.46	30.71	0.79	0.61	0.47	0.18	0.44	1.01%	OK
	10	20	70	70	0	52.90	37.10	28.31	53.08	37.63	29.10	0.97	0.18	0.52	0.79	0.31	-	OK
	11	40	70	70	20	41.40	22.13	16.14	41.09	23.20	16.08	1.12	0.31	1.07	0.06	0.67	-	OK
	12	40	100	100	20	31.78	39.30	23.39	31.51	40.91	24.52	1.99	0.27	1.61	1.13	0.15	-	OK
	13	40	100	40	20	32.39	43.77	-2.31	32.30	44.18	-2.15	0.45	0.09	0.40	0.16	0.18	-	OK
	14	40	40	100	20	51.07	0.78	43.83	51.35	1.69	45.71	2.11	0.28	0.91	1.87	0.86	-	OK
	15	100	40	100	20	34.42	-36.77	13.31	33.79	-37.73	14.10	1.39	0.63	0.96	0.79	0.41	-	OK
	16	100	40	40	20	35.80	-26.55	-21.27	36.23	-26.13	-21.55	0.66	0.43	0.42	0.29	0.49	-	OK
	17	100	100	40	20	20.87	8.99	-24.04	21.02	8.93	-23.30	0.76	0.15	0.06	0.75	0.21	-	OK
	18	0	0	0	10	88.60	-0.56	-2.51	88.46	-0.31	-2.17	0.44	0.13	0.25	0.34	0.18	-0.20%	OK
	19	0	0	0	20	82.44	-0.63	-2.50	82.28	-0.59	-2.05	0.48	0.16	0.05	0.44	0.07	-0.10%	OK
	20	0	0	0	40	68.99	-0.66	-2.47	68.89	-0.51	-1.74	0.75	0.10	0.15	0.73	0.05	-0.13%	OK
	21	0	0	0	60	53.92	-0.63	-1.61	54.55	0.26	-1.05	1.23	0.63	0.89	0.56	0.83	-0.88%	OK
	22	0	0	0	80	36.47	-0.54	-1.06	36.54	0.11	-0.99	0.66	0.07	0.64	0.07	0.62	-0.13%	OK
	23	0	0	0	100	15.93	-0.56	-0.49	15.80	0.09	-0.54	0.66	0.13	0.65	0.04	0.61	-	OK
	24	100	100	0	0	23.78	21.53	-46.39	23.20	22.56	-46.01	1.24	0.58	1.02	0.38	1.09	-	OK
	25	70	70	0	0	40.76	17.30	-36.96	39.65	18.55	-36.64	1.70	1.11	1.25	0.31	1.26	-	OK
	26	40	40	0	0	63.43	9.80	-24.17	62.99	10.80	-23.70	1.19	0.44	1.00	0.47	1.10	-	OK
	27	0	100	100	0	46.81	67.26	47.34	46.90	67.59	47.89	0.65	0.09	0.33	0.54	0.25	-	OK
	28	0	70	70	0	58.29	46.45	37.20	58.14	47.11	37.07	0.69	0.15	0.66	0.13	0.51	-	OK
	29	0	40	40	0	73.88	22.35	20.82	73.94	22.89	21.66	1.00	0.06	0.53	0.83	0.24	-	OK
	30	100	0	100	0	49.81	-65.24	26.45	49.07	-65.25	28.43	2.11	0.74	0.00	1.98	1.83	-	OK
	31	70	0	70	0	61.92	-40.21	20.40	61.39	-40.06	21.49	1.22	0.52	0.15	1.09	1.03	-	OK
	32	40	0	40	0	76.65	-19.49	10.48	76.33	-19.12	11.28	0.94	0.33	0.38	0.80	0.88	-	OK
	33	10	40	40	0	70.92	18.27	16.67	71.02	18.44	17.71	1.06	0.09	0.16	1.04	0.65	-	OK
	34	0	40	100	0	71.00	21.54	72.33	71.04	22.73	72.67	1.24	0.04	1.19	0.35	1.04	-	OK
	35	0	100	40	0	47.54	70.42	15.68	46.54	70.97	15.49	1.16	1.00	0.54	0.20	0.31	-	OK
	36	40	100	0	0	37.86	54.66	-21.39	37.37	55.71	-21.20	1.17	0.49	1.05	0.19	0.56	-	OK
	37	40	0	100	0	73.37	-23.26	66.81	73.34	-22.52	67.65	1.12	0.02	0.74	0.84	0.97	-	OK
	38	100	0	40	0	52.13	-52.61	-20.61	51.88	-52.17	-20.30	0.59	0.25	0.44	0.30	0.12	-	OK
	39	100	40	0	0	43.13	-17.42	-48.95	43.18	-16.86	-48.12	1.00	0.05	0.56	0.83	0.25	-	OK
	40	0	0	0	0	95.03	0.02	-2.08	94.80	-0.17	-1.99	0.31	0.23	0.19	0.09	0.19	-	OK
	41	10	6	6	0	88.17	-0.87	-3.65	88.05	-0.72	-3.58	0.20	0.13	0.14	0.06	0.13	-	OK
	42	20	12	12	0	81.65	-1.35	-4.58	81.71	-1.08	-4.38	0.34	0.06	0.28	0.20	0.21	-	OK
	43	40	27	27	0	67.41	-2.43	-4.85	67.20	-2.06	-4.67	0.46	0.20	0.37	0.17	0.26	-	OK
	44	60	45	45	0	52.03	-2.98	-4.00	52.49	-1.91	-3.25	1.39	0.46	1.06	0.76	0.46	-	OK
	45	80	65	65	0	37.37	-4.40	-3.63	37.11	-3.40	-3.48	1.04	0.25	1.00	0.15	0.57	-	OK
	46	100	85	85	0	26.19	-7.28	-3.97	26.65	-6.25	-3.53	1.21	0.46	1.03	0.44	0.11	-	OK

EFI Color Verifier

Color space comparison

- Reference
- Measured

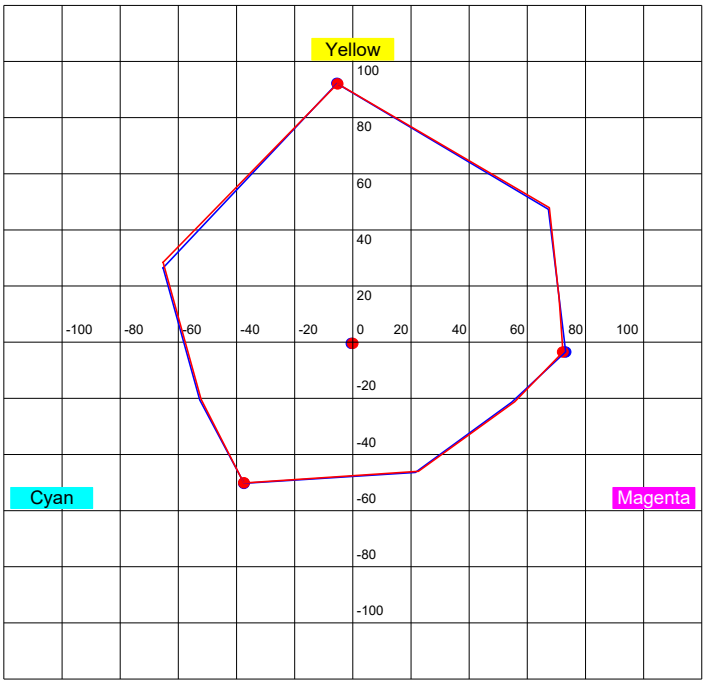
Primary colors

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*53.88 a*-37.46 b*-50.19
M: L*47.09 a*72.27 b*-3.53
Y: L*88.71 a*-5.21 b*92.08
K: L*15.80 a*0.09 b*-0.54



Gradation Curves