

EFI Color Verifier



Print created by:	-	Measuring device:	X-Rite i1Pro2 - M0
Last calibration:	-	Measurement conditions:	i1 Pro 2
Proofing system:	https://CIElab.XYZ	Measuring underlay:	-
Control strip:	Ugra Fogra-MediaWedge V2.2a	Printer:	-
Delta E format:	dE CIE76	Proof profile:	-
Reference profile:	-	Proofing substrate:	-
Reference data:	-	Colorant:	Ultrachrome
Reference printing conditions:	-	Job ID/Name	-/ PSO_LWC_Improved_eci.icc
Fogra PSD Visual Assessment	-		

Summary

Criteria	Difference	Tolerance	Status
Average all patches	1.3 dE -	3.0	OK
Maximum all patches	3.2 dE Patch 4	6.0	OK
Paper white	0.8 dE Patch 40	3.0	OK
Cyan	1.1 dE Patch 1	5.0	OK
Magenta	3.2 dE Patch 4	5.0	OK
Yellow	1.1 dE Patch 7	5.0	OK
Black	1.7 dE Patch 23	5.0	OK
Hue difference - CMY	1.0 dH -	2.5	OK
Hue difference - CMYK	1.0 dH -	2.5	OK
Hue difference - CMYRGB	1.4 dH -	4.0	OK
Hue diff. average gray	0.5 dH -	1.5	OK
Tone value diff.	1.9 % Patch 3	10.0	OK
Average CMYK patches	1.1 dCh -	2.5	OK
Maximum weighted CMY scale	1.3 dCh -	3.0	OK
Average weighted CMY scale	0.8 dCh -	1.5	OK
Maximum weighted K scale	0.6 dL -	3.0	OK
Average weighted K scale	0.3 dL -	1.5	OK
Maximum weighted CMY scale	0.7 dL -	3.0	OK
Average weighted CMY scale	0.4 dL -	1.5	OK

Overall Result

PASSED

Measuring data analysis

Patch ID	C	M	Y	K	Reference L*	a*	b*	Measured L*	a*	b*	Color difference Delta E	dL*	da*	db*	dH*	Tone value diff.	Result
1	100	0	0	0	56.77	-37.36	-46.28	56.26	-36.75	-45.52	1.10	0.51	0.61	0.76	0.01	-	OK
2	70	0	0	0	66.09	-27.06	-35.06	66.09	-27.16	-34.08	0.99	0.00	0.11	0.98	0.69	-0.43%	OK
3	40	0	0	0	77.29	-15.68	-21.17	77.62	-14.67	-20.63	1.19	0.33	1.01	0.54	0.50	-1.91%	OK
4	0	100	0	0	47.79	72.22	-6.56	46.18	69.56	-5.95	3.17	1.61	2.66	0.62	0.38	-	OK
5	0	70	0	0	58.75	51.52	-8.88	58.68	50.34	-8.40	1.28	0.07	1.18	0.47	0.27	-1.54%	OK
6	0	40	0	0	72.98	27.43	-7.74	73.21	26.45	-7.06	1.21	0.23	0.98	0.68	0.40	-1.78%	OK
7	0	0	100	0	85.69	-2.52	88.14	85.96	-3.49	87.79	1.07	0.27	0.98	0.35	0.99	-	OK
8	0	0	70	0	87.20	-3.64	61.50	87.39	-2.73	62.26	1.20	0.19	0.92	0.76	0.95	0.31%	OK
9	0	0	40	0	89.24	-3.31	32.44	89.31	-2.85	34.18	1.80	0.07	0.46	1.74	0.62	1.27%	OK
10	20	70	70	0	51.63	36.29	28.11	51.69	36.32	29.08	0.97	0.06	0.02	0.97	0.75	-	OK
11	40	70	70	20	40.21	20.70	15.58	40.48	20.86	15.89	0.44	0.26	0.16	0.30	0.15	-	OK
12	40	100	100	20	32.87	34.70	19.29	33.05	36.19	20.60	1.99	0.18	1.49	1.31	0.41	-	OK
13	40	100	40	20	32.85	39.01	-3.52	32.94	40.88	-3.29	1.89	0.09	1.88	0.23	0.39	-	OK
14	40	40	100	20	48.82	1.49	38.77	49.24	1.88	41.62	2.91	0.42	0.40	2.85	0.28	-	OK
15	100	40	100	20	34.57	-32.28	9.70	34.76	-33.47	10.62	1.52	0.19	1.19	0.92	0.53	-	OK
16	100	40	40	20	35.94	-24.71	-18.00	35.50	-26.18	-17.57	1.59	0.44	1.47	0.42	1.19	-	OK
17	100	100	40	20	23.76	3.10	-22.71	23.20	2.65	-23.28	0.92	0.56	0.45	0.57	0.51	-	OK
18	0	0	0	10	85.30	-0.42	-2.51	85.30	0.06	-1.81	0.85	0.00	0.48	0.70	0.42	-0.39%	OK
19	0	0	0	20	78.85	-0.36	-2.49	78.89	-0.04	-2.32	0.39	0.14	0.32	0.17	0.31	-0.72%	OK
20	0	0	0	40	65.41	-0.21	-2.26	65.69	0.14	-1.40	0.97	0.29	0.35	0.85	0.34	-0.93%	OK
21	0	0	0	60	51.02	-0.20	-1.83	51.76	0.32	-0.16	1.90	0.73	0.52	1.67	0.93	-1.30%	OK
22	0	0	0	80	35.77	-0.04	-0.58	35.83	-0.18	0.32	0.91	0.06	0.14	0.91	0.89	-0.54%	OK
23	0	0	0	100	19.92	0.51	1.54	18.23	0.63	1.92	1.74	1.69	0.12	0.38	0.01	-	OK
24	100	100	0	0	27.60	15.95	-46.82	27.16	16.10	-45.90	1.03	0.44	0.15	0.92	0.44	-	OK
25	70	70	0	0	40.45	16.54	-38.26	40.01	17.09	-37.57	0.99	0.44	0.55	0.68	0.78	-	OK
26	40	40	0	0	60.82	10.02	-24.97	60.60	10.26	-24.11	0.92	0.22	0.25	0.86	0.55	-	OK
27	0	100	100	0	47.78	65.40	43.48	47.78	64.99	43.27	0.46	0.00	0.41	0.22	0.04	-	OK
28	0	70	70	0	57.14	47.31	37.70	57.03	47.92	37.90	0.65	0.12	0.60	0.20	0.22	-	OK
29	0	40	40	0	71.26	24.44	21.95	71.30	25.05	23.38	1.56	0.04	0.60	1.43	0.65	-	OK
30	100	0	100	0	49.86	-59.39	25.38	49.92	-59.18	26.87	1.51	0.06	0.21	1.49	1.45	-	OK
31	70	0	70	0	60.85	-39.68	23.00	60.76	-38.06	23.76	1.79	0.09	1.63	0.77	1.50	-	OK
32	40	0	40	0	74.31	-21.33	12.59	74.32	-21.02	12.69	0.33	0.00	0.32	0.10	0.25	-	OK
33	10	40	40	0	68.12	19.57	17.46	68.18	20.13	18.38	1.08	0.06	0.56	0.93	0.31	-	OK
34	0	40	100	0	68.67	24.53	68.02	68.37	25.45	68.94	1.34	0.31	0.93	0.93	0.55	-	OK
35	0	100	40	0	47.88	68.44	15.33	47.79	69.84	14.81	1.50	0.09	1.41	0.52	0.81	-	OK
36	40	100	0	0	38.50	50.54	-25.55	38.04	50.43	-23.95	1.67	0.47	0.10	1.60	1.39	-	OK
37	40	0	100	0	70.46	-22.49	62.16	70.24	-21.94	61.40	0.96	0.22	0.55	0.76	0.26	-	OK
38	100	0	40	0	53.31	-51.89	-14.43	53.07	-51.88	-14.05	0.45	0.24	0.01	0.38	0.36	-	OK
39	100	40	0	0	44.03	-15.13	-47.12	44.62	-14.59	-47.08	0.80	0.59	0.53	0.04	0.50	-	OK
40	0	0	0	0	92.04	0.04	-1.98	91.92	-0.17	-1.27	0.75	0.12	0.22	0.71	0.25	-	OK
41	10	6	6	0	85.20	-1.37	-3.52	85.41	-0.81	-2.96	0.82	0.21	0.56	0.56	0.35	-	OK
42	20	12	12	0	78.80	-2.25	-4.23	79.28	-1.46	-3.68	1.08	0.48	0.80	0.54	0.49	-	OK
43	40	27	27	0	64.81	-2.88	-3.56	65.41	-2.52	-2.54	1.24	0.60	0.37	1.02	0.41	-	OK
44	60	45	45	0	50.21	-3.59	-2.16	51.04	-2.50	-1.12	1.72	0.82	1.09	1.04	0.41	-	OK
45	80	65	65	0	37.74	-4.57	-2.13	37.79	-3.95	-0.76	1.50	0.04	0.62	1.37	1.11	-	OK
46	100	85	85	0	28.93	-9.07	-3.84	30.03	-9.03	-3.31	1.22	1.11	0.03	0.53	0.48	-	OK

Color space comparison

■ Reference
■ Measured

Primary colors

● Reference

C: L*56.77 a*-37.36 b*-46.28

M: L*47.79 a*72.22 b*-6.56

Y: L*85.69 a*-2.52 b*88.14

K: L*19.92 a*0.51 b*1.54

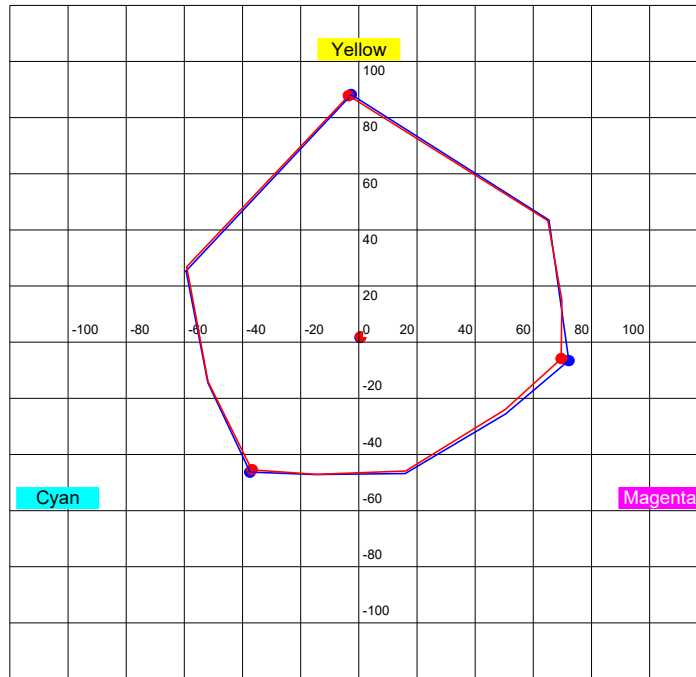
● Measured

C: L*56.26 a*-36.75 b*-45.52

M: L*46.18 a*69.56 b*-5.95

Y: L*85.96 a*-3.49 b*87.79

K: L*18.23 a*0.63 b*1.92



Gradation Curves

