

# Colorimetric Summary



<b>Print created by:</b>	EFI Colorproof XF	<b>Measuring device:</b>	Gretag IO
<b>Last calibration:</b>	17.11.2008 8:34:12 PM	<b>Measurement conditions:</b>	-
<b>Proofing system:</b>	EFI Colorproof XF V.3.1	<b>Measuring underlay:</b>	-
<b>Control strip:</b>	Ugra Fogra-MediaWedge V2.2a	<b>Printer:</b>	EPSON Stylus Pro 7880 Contone(PX-)
<b>Delta E format:</b>	CIE L*a*b	<b>Proof profile:</b>	E7880_Luster260_2007_12_27_G80.ic
<b>Reference profile:</b>	GFine_Flint_M600_v103bp_sm7_WP.c	<b>Proofing substrate:</b>	E7880_Luster260_2007_12_27
<b>Reference data:</b>	GFine_Flint_M600_v103bp_s...	<b>Colorant:</b>	Epson UltraChrome K3 VM
<b>Reference printing conditions:</b>	GFine		

## Summary

Criteria	Difference	Tolerance	Status
Cyan	1.07 dE Patch 1	5.00	Passed
Magenta	2.38 dE Patch 4	5.00	Passed
Yellow	2.12 dE Patch 7	5.00	Passed
Black	1.52 dE Patch 23	5.00	Passed
Paper white	0.99 dE Patch 40	3.00	Passed
Max. average all patches	1.21 dE	3.00	Passed
Max. peak all patches	3.14 dE Patch 27	6.00	Passed
Hue diff. Max. average gray	0.26 dH	1.50	Passed
Hue diff. Max. average - CMYK	1.61 dH Patch 4	2.50	Passed
Tone value diff.	4.23 % Patch 18	5.00	Passed
Max. peak for 95% of patches	- dE Patch 0	6.00	-
Max. average outer gamut patches	- dE	4.00	-

## Overall Result

**PASSED**

## Measuring data analysis

Patch ID	Reference				Measured			Color difference							Result		
	C	M	Y	K	L*	a*	b*	L*	a*	b*	Delta E	dL*	da*	db*		dH*	Tone value diff.
1	100	0	0	0	56.97	-35.43	-48.57	56.78	-35.68	-49.60	1.07	0.18	0.25	1.02	0.40	0.00%	Passed
2	70	0	0	0	67.63	-24.65	-35.78	68.11	-24.56	-37.18	1.48	0.48	0.09	1.40	0.86	-1.60%	Passed
3	40	0	0	0	79.55	-12.87	-21.42	79.28	-13.53	-22.48	1.28	0.27	0.66	1.06	0.02	-0.44%	Passed
4	0	100	0	0	46.80	74.10	-5.84	48.10	73.04	-4.15	2.38	1.30	1.06	1.69	1.61	0.00%	Passed
5	0	70	0	0	59.61	51.01	-8.33	59.98	51.61	-8.00	0.79	0.37	0.61	0.33	0.43	0.23%	Passed
6	0	40	0	0	75.18	26.20	-8.15	75.27	27.23	-8.43	1.07	0.09	1.03	0.29	0.03	-0.52%	Passed
7	0	0	100	0	86.92	-2.89	89.06	86.95	-3.47	87.02	2.12	0.02	0.58	2.04	0.65	0.00%	Passed
8	0	0	70	0	88.71	-3.25	60.92	88.02	-3.31	61.68	1.03	0.69	0.07	0.77	0.02	1.73%	Passed
9	0	0	40	0	90.87	-2.21	29.37	90.52	-2.64	29.44	0.55	0.35	0.43	0.06	0.42	0.63%	Passed
10	20	70	70	0	53.34	36.19	27.11	53.78	35.90	27.79	0.86	0.44	0.29	0.68	0.71	-	Passed
11	40	70	70	20	42.26	21.64	14.90	43.15	22.12	15.00	1.02	0.89	0.48	0.10	0.19	-	Passed
12	40	100	100	20	34.34	35.64	18.99	34.60	36.83	20.04	1.61	0.26	1.19	1.06	0.37	-	Passed
13	40	100	40	20	33.97	40.88	-3.58	34.02	41.74	-2.70	1.24	0.05	0.87	0.88	0.94	-	Passed
14	40	40	100	20	51.13	2.94	38.37	51.72	2.77	39.33	1.14	0.59	0.17	0.96	0.24	-	Passed
15	100	40	100	20	36.56	-30.50	7.42	36.44	-31.50	7.50	1.00	0.12	0.99	0.08	0.15	-	Passed
16	100	40	40	20	37.72	-22.55	-20.53	37.52	-23.09	-21.00	0.74	0.20	0.54	0.46	0.02	-	Passed
17	100	100	40	20	24.56	6.40	-22.68	24.19	7.96	-23.49	1.80	0.37	1.56	0.80	1.25	-	Passed
18	0	0	0	10	88.41	0.97	-3.60	89.44	0.54	-4.55	1.46	1.03	0.43	0.95	0.60	-4.23%	Passed
19	0	0	0	20	82.53	0.84	-3.40	82.81	0.29	-4.30	1.09	0.28	0.55	0.90	0.68	-1.94%	Passed
20	0	0	0	40	70.11	0.71	-2.82	70.94	0.08	-2.81	1.04	0.83	0.62	0.02	0.62	-2.25%	Passed
21	0	0	0	60	56.06	0.80	-1.88	56.22	0.77	-1.46	0.46	0.16	0.03	0.43	0.16	-0.58%	Passed
22	0	0	0	80	38.52	0.68	-0.33	38.52	0.40	0.13	0.54	0.01	0.28	0.46	0.43	-0.04%	Passed
23	0	0	0	100	15.82	1.14	1.61	16.50	0.41	2.76	1.52	0.68	0.72	1.15	1.08	0.00%	Passed
24	100	100	0	0	27.71	17.40	-45.51	28.19	17.89	-46.02	0.86	0.49	0.50	0.50	0.28	-	Passed
25	70	70	0	0	41.45	17.34	-36.83	42.09	17.37	-37.69	1.08	0.64	0.03	0.86	0.34	-	Passed
26	40	40	0	0	62.67	10.92	-24.02	62.19	11.64	-25.26	1.51	0.48	0.72	1.24	0.14	-	Passed
27	0	100	100	0	47.51	65.20	41.90	48.54	65.42	44.87	3.14	1.03	0.23	2.96	2.34	-	Passed
28	0	70	70	0	58.34	45.12	35.72	59.00	45.76	37.02	1.59	0.66	0.64	1.30	0.61	-	Passed
29	0	40	40	0	73.17	22.85	19.80	73.28	23.41	20.72	1.09	0.10	0.56	0.93	0.33	-	Passed
30	100	0	100	0	51.18	-59.30	22.80	51.84	-59.54	24.36	1.71	0.66	0.24	1.56	1.37	-	Passed
31	70	0	70	0	62.96	-37.68	20.94	63.44	-37.54	21.12	0.53	0.49	0.14	0.17	0.22	-	Passed
32	40	0	40	0	76.74	-18.13	10.95	77.30	-19.37	11.00	1.37	0.56	1.24	0.06	0.58	-	Passed
33	10	40	40	0	70.35	19.08	15.95	70.09	19.83	16.29	0.87	0.25	0.75	0.35	0.22	-	Passed
34	0	40	100	0	69.92	22.44	68.07	70.36	22.05	69.72	1.75	0.44	0.39	1.64	0.88	-	Passed
35	0	100	40	0	47.84	68.90	13.42	48.90	68.78	15.25	2.12	1.05	0.13	1.83	1.82	-	Passed
36	40	100	0	0	38.40	53.10	-23.50	39.14	54.05	-23.72	1.23	0.74	0.96	0.22	0.19	-	Passed
37	40	0	100	0	72.70	-20.04	63.82	72.79	-20.05	66.52	2.70	0.09	0.01	2.70	0.79	-	Passed
38	100	0	40	0	54.63	-48.84	-19.25	55.08	-49.35	-18.99	0.73	0.46	0.51	0.27	0.43	-	Passed
39	100	40	0	0	44.52	-14.57	-47.95	44.65	-14.72	-48.76	0.83	0.12	0.15	0.81	0.09	-	Passed
40	0	0	0	0	94.60	1.10	-3.81	93.91	0.62	-4.34	0.99	0.69	0.48	0.53	0.58	-	Passed
41	10	6	6	0	87.82	0.46	-4.33	89.00	0.20	-5.03	1.40	1.18	0.27	0.70	0.32	-	Passed
42	20	12	12	0	81.40	-0.22	-4.91	81.61	-0.22	-5.30	0.45	0.21	0.00	0.39	0.02	-	Passed
43	40	27	27	0	67.36	-1.11	-4.69	68.37	-1.62	-4.71	1.12	1.00	0.51	0.02	0.48	-	Passed
44	60	45	45	0	52.46	-2.06	-3.61	53.06	-1.74	-3.71	0.69	0.60	0.31	0.10	0.33	-	Passed
45	80	65	65	0	39.35	-3.57	-3.36	39.53	-3.42	-3.66	0.38	0.18	0.15	0.30	0.31	-	Passed
46	100	85	85	0	30.71	-8.13	-5.79	30.64	-8.57	-5.93	0.46	0.07	0.43	0.14	0.13	-	Passed

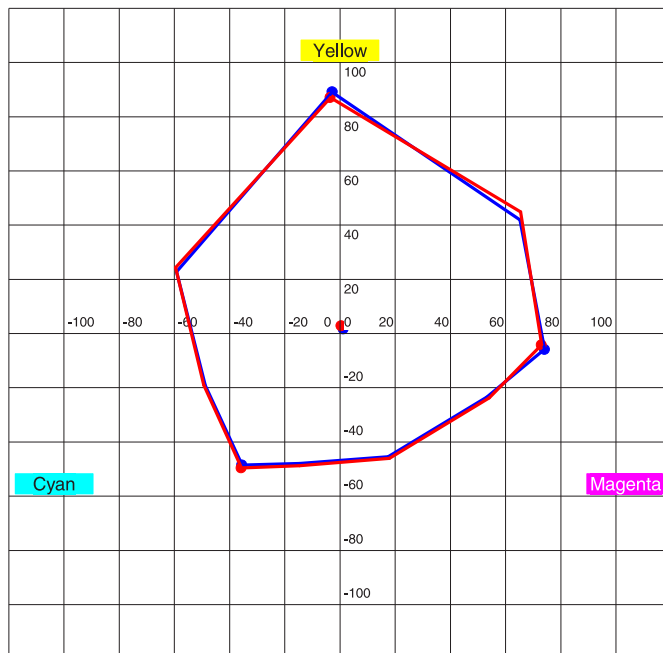
# Colorimetric Summary

Color space comparison

- Reference
- Measured

Primary colors

- Reference
  - C: L\*56.97 a\*-35.43 b\*-48.57
  - M: L\*46.80 a\*74.10 b\*-5.84
  - Y: L\*86.92 a\*-2.89 b\*89.06
  - K: L\*15.82 a\*1.14 b\*1.61
- Measured
  - C: L\*56.78 a\*-35.68 b\*-49.60
  - M: L\*48.10 a\*73.04 b\*-4.15
  - Y: L\*86.95 a\*-3.47 b\*87.02
  - K: L\*16.50 a\*0.41 b\*2.76



Gradation Curves

