

# ISO/DIS 12647-7:2016 Contract Proof "Media Wedge"



Print created by:	admin	Measuring device:	SpectroProofer ILS30 - M0
Last calibration:	17.12.2021 3:34:08 PM	Measurement condition:	-
Proofing system:	Fiery XF 6.3	Measuring underlay:	-
Control strip:	Fogra MediaWedge V3.0 XE 2Z (EPSO)	Printer:	EPSON SC-P50x0 CT
Delta E format:	dE 2000	Proof profile:	EPSON SC-P50x0 CT_171221(4k)_i1m
Reference profile:	ISOcoated_v2_300_eci.icc	Proofing substrate:	EFI Gravure_P-5000_171221_i1P
Reference data:	ISOcoated_v2_300_eci.icc	Colorant:	EPSON UltraChrome HDX (Violet)
Reference printing conditions:	-	Job ID/Name	12244 / untitled
Fogra PSD Visual Assessment	-		

## Summary

Criteria	Difference	Tolerance	Status
Average all patches	0.7 dE -	2.5	OK
Maximum all patches	2.0 dE Patch 23	5.0	OK
Paper white	0.8 dE Patch 69	3.0	OK
Cyan	1.9 dE Patch 1	3.0	OK
Magenta	0.7 dE Patch 6	3.0	OK
Yellow	0.2 dE Patch 11	3.0	OK
Black	0.5 dE Patch 21	3.0	OK
Hue difference - CMY	0.9 dH -	2.5	OK
Maximum weighted CMY scale	0.8 dCh -	3.5	OK
Average weighted CMY scale	0.5 dCh -	2.0	OK

## 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	54.77	-36.86	-49.79	52.95	-38.14	-51.91	1.87	1.82	1.28	2.12	0.23	-	OK
2	70	0	0	0	66.60	-24.62	-36.94	66.16	-24.01	-37.90	0.63	0.44	0.61	0.96	1.03	-	OK
3	40	0	0	0	79.41	-12.49	-21.63	79.60	-12.82	-21.95	0.27	0.19	0.33	0.32	0.13	-	OK
4	20	0	0	0	87.35	-5.77	-11.74	87.92	-6.32	-11.84	0.66	0.58	0.55	0.09	0.45	-	OK
5	10	0	0	0	91.11	-2.96	-6.93	91.21	-2.37	-6.62	0.74	0.10	0.59	0.31	0.43	-	OK
6	0	100	0	0	47.79	73.73	-2.93	47.13	73.25	-2.06	0.74	0.66	0.48	0.87	0.86	-	OK
7	0	70	0	0	60.60	50.45	-6.68	60.80	50.14	-7.09	0.29	0.19	0.31	0.40	0.44	-	OK
8	0	40	0	0	76.12	25.67	-6.88	75.92	25.96	-6.79	0.22	0.20	0.29	0.10	0.17	-	OK
9	0	20	0	0	85.80	12.01	-5.21	86.62	12.71	-5.73	0.82	0.82	0.70	0.52	0.19	-	OK
10	0	10	0	0	90.30	5.89	-3.82	90.56	6.21	-4.30	0.51	0.26	0.31	0.48	0.22	-	OK
11	0	0	100	0	88.67	-4.97	92.63	88.46	-5.25	93.11	0.21	0.21	0.28	0.48	0.25	-	OK
12	0	0	70	0	89.99	-4.67	62.30	89.62	-6.17	62.10	0.96	0.37	1.50	0.20	1.51	-	OK
13	0	0	40	0	91.83	-3.49	31.03	91.53	-5.02	30.52	1.27	0.30	1.53	0.52	1.59	-	OK
14	0	0	20	0	93.24	-1.65	13.24	92.91	-2.68	13.11	1.30	0.32	1.02	0.13	1.03	-	OK
15	0	0	10	0	93.97	-0.92	5.42	93.42	-1.42	5.33	0.77	0.55	0.50	0.09	0.51	-	OK
16	0	0	0	10	88.60	-0.05	-2.01	88.82	0.07	-3.01	0.93	0.22	0.12	1.00	0.12	-	OK
17	0	0	0	20	82.44	-0.13	-2.00	83.02	-0.36	-2.31	0.58	0.58	0.23	0.31	0.19	-	OK
18	0	0	0	40	68.99	-0.16	-1.97	69.18	-0.17	-1.84	0.19	0.19	0.01	0.13	0.02	-	OK
19	0	0	0	60	53.92	-0.13	-1.12	53.52	-0.16	-1.45	0.50	0.40	0.02	0.34	0.01	-	OK
20	0	0	0	80	36.47	-0.04	-0.56	35.93	-0.10	-0.54	0.46	0.54	0.06	0.03	0.07	-	OK
21	0	0	0	100	15.93	-0.06	0.01	15.31	0.11	-0.08	0.49	0.62	0.16	0.09	0.17	-	OK
22	0	100	0	100	10.36	13.92	1.31	10.18	13.35	1.04	0.48	0.17	0.57	0.26	0.21	-	OK
23	0	70	70	60	33.26	25.28	20.79	33.38	23.67	22.92	2.00	0.12	1.61	2.13	2.66	-	OK
24	0	0	70	80	34.30	-3.23	22.25	33.47	-2.99	21.26	0.85	0.83	0.24	0.99	0.10	-	OK
25	100	100	0	0	23.78	22.03	-45.89	23.09	22.12	-46.32	0.53	0.69	0.08	0.44	0.11	-	OK
26	70	70	0	0	40.76	17.80	-36.46	41.22	17.72	-35.71	0.57	0.46	0.08	0.74	0.25	-	OK
27	40	40	0	0	63.43	10.30	-23.67	64.34	10.11	-21.79	1.38	0.91	0.20	1.88	0.59	-	OK
28	20	20	0	0	79.11	5.08	-13.60	79.84	4.79	-13.36	0.60	0.73	0.28	0.24	0.18	-	OK
29	10	10	0	0	86.85	2.58	-8.12	87.43	2.96	-9.05	0.85	0.59	0.37	0.93	0.07	-	OK
30	0	100	100	0	46.81	67.76	47.84	47.70	67.19	46.83	0.94	0.89	0.57	1.01	0.50	-	OK
31	0	70	70	0	58.29	46.95	37.70	58.59	46.31	38.90	0.86	0.29	0.63	1.20	1.33	-	OK
32	0	40	40	0	73.88	22.86	21.32	74.70	23.05	21.52	0.61	0.82	0.19	0.20	0.01	-	OK
33	0	20	20	0	84.65	9.98	9.76	84.85	10.67	9.65	0.69	0.20	0.69	0.11	0.55	-	OK
34	0	10	10	0	89.64	4.76	3.71	89.71	4.42	3.69	0.40	0.07	0.34	0.02	0.20	-	OK
35	100	0	100	0	49.81	-64.74	26.95	49.58	-64.96	26.57	0.29	0.23	0.23	0.38	0.44	-	OK
36	70	0	70	0	61.92	-39.71	20.90	61.34	-39.59	21.70	0.64	0.58	0.12	0.80	0.76	-	OK
37	40	0	40	0	76.65	-19.00	10.98	77.14	-19.60	10.67	0.58	0.48	0.60	0.31	0.57	-	OK
38	20	0	20	0	85.97	-8.38	4.13	86.40	-8.41	4.04	0.29	0.43	0.03	0.08	0.09	-	OK
39	10	0	10	0	90.41	-4.13	0.86	90.82	-3.63	0.32	0.80	0.41	0.50	0.54	0.46	-	OK
40	10	6	6	0	88.17	-0.37	-3.15	88.90	-0.50	-3.88	0.80	0.72	0.13	0.74	0.04	-	OK
41	20	12	12	0	81.65	-0.85	-4.08	81.81	-0.73	-4.64	0.52	0.16	0.12	0.56	0.22	-	OK
42	40	27	27	0	67.41	-1.93	-4.35	67.21	-1.19	-4.75	1.07	0.19	0.73	0.40	0.82	-	OK
43	60	45	45	0	52.03	-2.48	-3.50	51.62	-2.08	-3.75	0.71	0.40	0.39	0.25	0.47	-	OK
44	80	65	65	0	37.37	-3.90	-3.13	36.74	-3.65	-3.06	0.61	0.62	0.25	0.07	0.11	-	OK
45	100	85	85	0	26.19	-6.78	-3.47	25.26	-5.80	-3.74	1.30	0.92	0.98	0.27	0.72	-	OK
46	100	0	0	100	10.36	-8.12	-10.20	9.73	-7.58	-9.90	0.65	0.64	0.55	0.30	0.24	-	OK



	47	20	100	70	60	24.20	32.52	13.10	24.33	31.83	13.25	0.37	0.13	0.69	0.15	0.40	-	OK
	48	70	0	70	80	24.59	-16.92	7.45	24.39	-15.83	6.94	0.78	0.19	1.09	0.51	0.03	-	OK
	49	100	100	100	0	22.76	0.16	-0.06	22.54	0.21	-0.14	0.19	0.22	0.06	0.08	0.04	-	OK
	50	70	70	70	0	38.42	6.53	3.84	38.19	5.94	3.90	0.67	0.23	0.59	0.06	0.36	-	OK
	51	40	40	40	0	61.30	5.38	3.75	61.53	5.90	3.22	0.81	0.23	0.53	0.52	0.72	-	OK
	52	20	20	20	0	77.84	2.88	0.93	77.94	2.90	0.52	0.39	0.10	0.02	0.41	0.41	-	OK
	53	10	10	10	0	86.21	1.47	-0.70	86.37	1.86	-1.73	1.08	0.16	0.39	1.03	0.62	-	OK
	54	20	70	70	0	52.90	37.60	28.81	52.92	37.52	29.43	0.37	0.02	0.08	0.62	0.54	-	OK
	55	40	70	70	20	41.40	22.63	16.64	41.03	22.05	18.85	1.68	0.36	0.58	2.21	2.09	-	OK
	56	40	100	100	20	31.78	39.80	23.89	31.41	40.05	23.18	0.56	0.37	0.25	0.71	0.74	-	OK
	57	40	100	40	20	32.39	44.28	-1.81	32.29	44.13	-1.37	0.25	0.10	0.15	0.45	0.44	-	OK
	58	40	40	100	20	51.07	1.28	44.33	50.64	1.38	43.71	0.48	0.43	0.10	0.62	0.12	-	OK
	59	100	40	100	20	34.42	-36.28	13.81	33.50	-35.84	13.71	0.77	0.92	0.44	0.10	0.06	-	OK
	60	100	40	40	20	35.80	-26.05	-20.77	34.98	-25.37	-20.24	0.76	0.82	0.68	0.52	0.01	-	OK
	61	100	100	40	20	20.87	9.49	-23.54	20.18	9.68	-23.68	0.50	0.69	0.19	0.14	0.12	-	OK
	62	10	40	40	0	70.92	18.77	17.17	71.10	19.36	18.56	0.81	0.17	0.58	1.39	0.62	-	OK
	63	0	40	100	0	71.00	22.04	72.82	71.09	21.31	71.71	0.38	0.09	0.73	1.11	0.38	-	OK
	64	0	100	40	0	47.54	70.93	16.19	46.96	71.73	15.81	0.64	0.58	0.80	0.37	0.54	-	OK
	65	40	100	0	0	37.86	55.16	-20.89	38.01	53.91	-19.77	0.53	0.15	1.25	1.12	0.61	-	OK
	66	40	0	100	0	73.37	-22.75	67.31	74.38	-23.00	67.18	0.76	1.01	0.24	0.12	0.27	-	OK
	67	100	0	40	0	52.13	-52.11	-20.11	51.91	-50.23	-20.50	0.76	0.22	1.89	0.39	1.06	-	OK
	68	100	40	0	0	43.13	-16.92	-48.46	43.03	-16.06	-48.78	0.46	0.10	0.86	0.33	0.92	-	OK
	69	0	0	0	0	95.03	0.02	-2.08	94.06	0.28	-2.53	0.80	0.97	0.27	0.45	0.24	-	OK
	70	0	0	100	100	15.64	-3.04	11.60	15.97	-2.93	10.47	0.79	0.33	0.11	1.13	0.19	-	OK
	71	0	70	0	60	34.54	28.44	-4.03	33.79	28.05	-3.58	0.69	0.75	0.39	0.46	0.40	-	OK
	72	70	0	0	80	25.75	-10.96	-14.33	25.25	-10.18	-13.27	0.87	0.50	0.78	1.07	0.03	-	OK

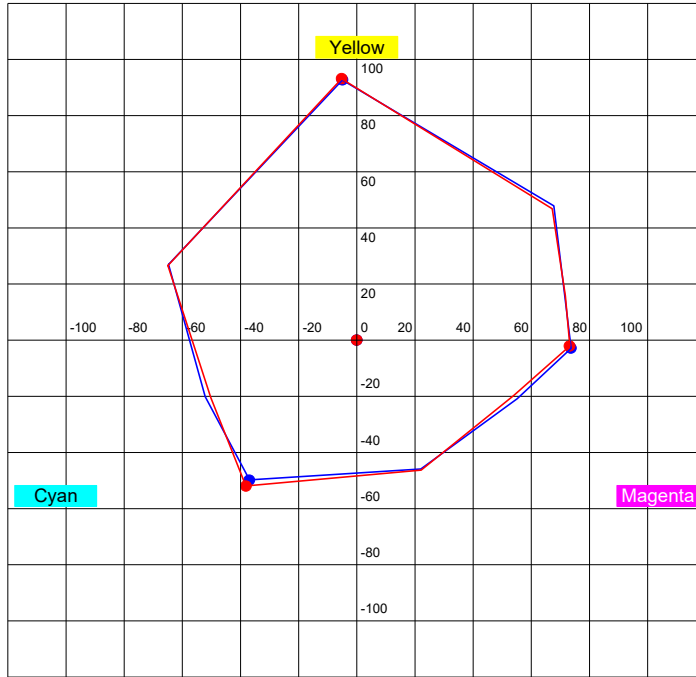


Color space comparison

- Reference
- Measured

Primary colors

- Reference
  - C: L\*54.77 a\*-36.86 b\*-49.79
  - M: L\*47.79 a\*73.73 b\*-2.93
  - Y: L\*88.67 a\*-4.97 b\*92.63
  - K: L\*15.93 a\*-0.06 b\*0.01
- Measured
  - C: L\*52.95 a\*-38.14 b\*-51.91
  - M: L\*47.13 a\*73.25 b\*-2.06
  - Y: L\*88.46 a\*-5.25 b\*93.11
  - K: L\*15.31 a\*0.11 b\*-0.08



Gradation Curves

