

Measurement Report

Canon-Pro300-Glossy · 15 measurements (2026-01-06 – 2026-05-12)

Report Scope

The following profile(s) measurement runs are included:

- "Canon-Pro300-Glossy", Instrument: X-Rite i1 Pro · 5 runs
- "Epson-P700-Matte", Instrument: X-Rite i1 Pro · 10 runs

No. of Measurements:

15

Date range:

2026-01-06 – 2026-05-12

How to read this report

This report compares what your instrument measured against the colours the chart was designed to have. Every number is a colour difference (ΔE_{00}): 0 is a perfect match, 1–2 is barely visible, and 10+ is clearly wrong.

- Colour accuracy — the ΔE_{00} across the patches, split so you can see the bulk of the chart (all patches and the best 95%) apart from the few hardest patches (the worst 5%). Each metric is judged against your Pass thresholds.
- Paper white & darkest black — the brightest and deepest patches (L^*), a quick health check of your paper and maximum ink.
- Cube corners — paper white, composite black and the six primary and secondary inks. These say as much about your inks as about the instrument.

On a printer a single ΔE against the design isn't meaningful on its own — a printer doesn't reproduce sRGB. But the design reference never changes, so comparing dated reports of the same chart is a clean drift signal. Save a report after each measurement to build that history. Screen and print colours here are approximate; the numbers come from your measurement file and are exact.

Report Results

The following results are extracted from section "Colour accuracy" for each measurement run included for this report.

Metric	2026-01-06	2026-01-06	2026-01-20	2026-01-20	2026-02-03	2026-02-03
Average ΔE , all patches	Pass	Pass	Pass	Pass	Pass	Pass
Average ΔE , lowest 95%	Pass	Pass	Pass	Pass	Pass	Pass
Average ΔE , highest 5%	Pass	Pass	Pass	Pass	Fail	Pass
Maximum ΔE , all patches	Pass	Pass	Pass	Pass	Fail	Pass
Maximum ΔE , lowest 95%	Pass	Pass	Pass	Pass	Pass	Pass

Metric	2026-02-17	2026-02-17	2026-03-03	2026-03-03	2026-03-17	2026-03-31
Average ΔE , all patches	Pass	Pass	Pass	Pass	Pass	Pass
Average ΔE , lowest 95%	Pass	Pass	Pass	Pass	Pass	Pass
Average ΔE , highest 5%	Fail	Pass	Fail	Fail	Fail	Fail
Maximum ΔE , all patches	Fail	Pass	Fail	Pass	Fail	Fail
Maximum ΔE , lowest 95%	Pass	Pass	Fail	Pass	Pass	Pass

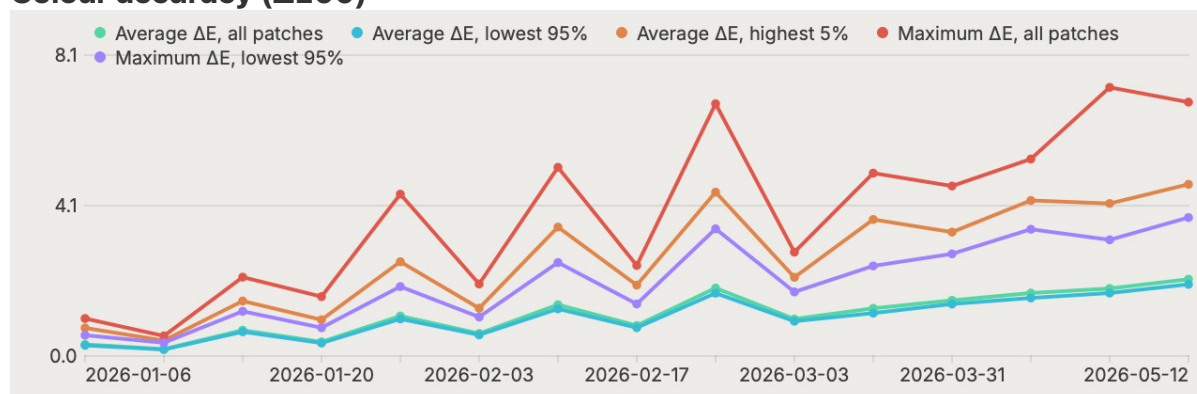
Metric	2026-04-14	2026-04-28	2026-05-12
Average ΔE , all patches	Pass	Pass	Fail
Average ΔE , lowest 95%	Pass	Pass	Pass
Average ΔE , highest 5%	Fail	Fail	Fail
Maximum ΔE , all patches	Fail	Fail	Fail

Maximum ΔE , lowest 95%	Fail	Fail	Fail
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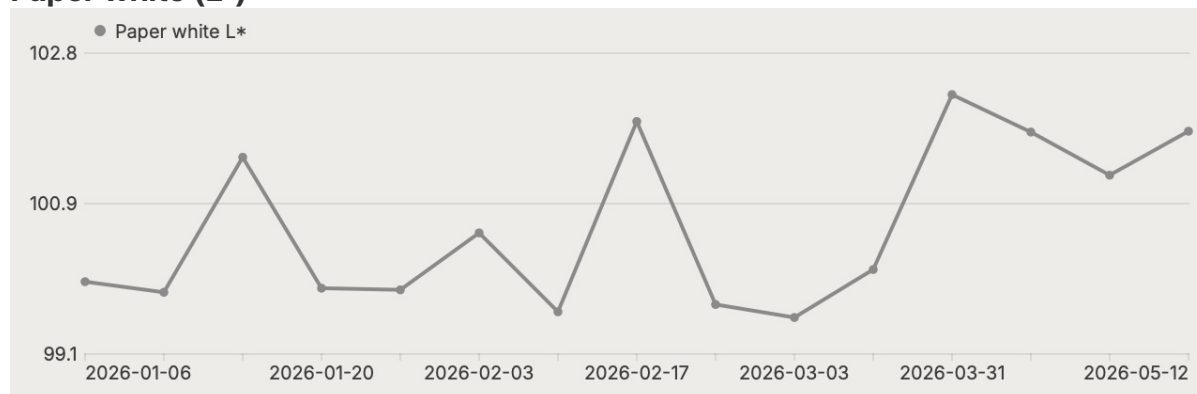
Trend over time (this printer)

A rising average or shifting white/black/colour over time points to ageing inks, printer drift, or instrument drift.

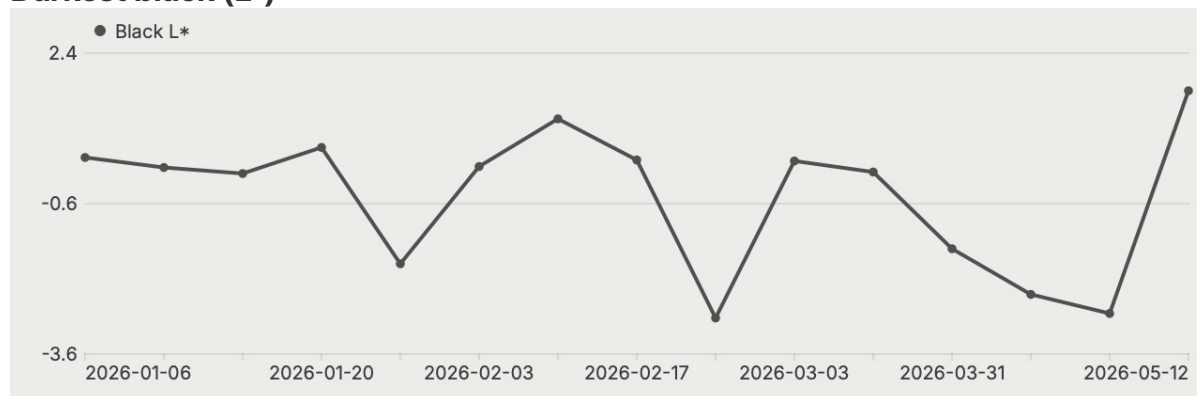
Colour accuracy (ΔE_{00})



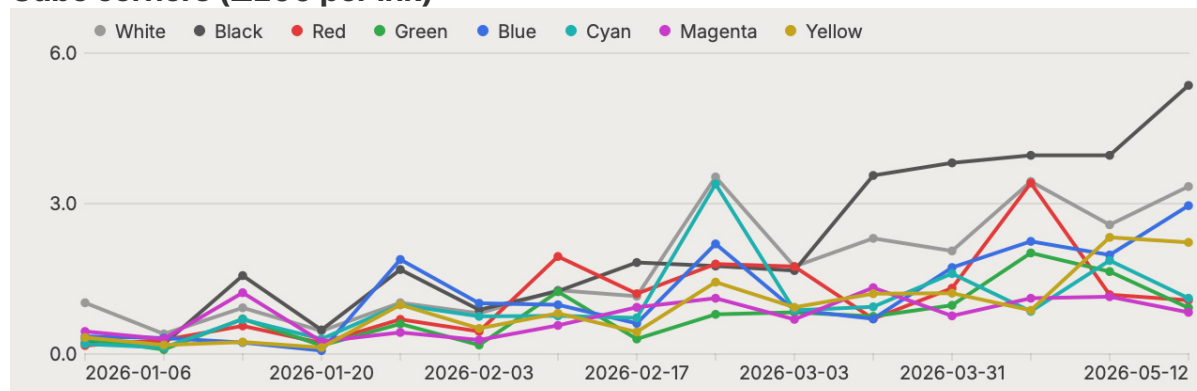
Paper white (L^*)



Darkest black (L^*)



Cube corners (ΔE_{00} per ink)



Side-by-side comparison

Metric	2026-01-06	2026-01-06	2026-01-20	2026-01-20	2026-02-03	2026-02-03
Average ΔE , all patches	0.32	0.19	0.70	0.39	1.08	0.61
Average ΔE , lowest 95%	0.29	0.18	0.66	0.35	1.01	0.57
Average ΔE , highest 5%	0.76	0.42	1.49	0.98	2.55	1.30
Maximum ΔE , all patches	1.02	0.55	2.14	1.61	4.38	1.95
Maximum ΔE , lowest 95%	0.56	0.36	1.21	0.77	1.88	1.06
Spread (std. dev.)	0.16	0.09	0.32	0.20	0.52	0.26
Paper white L*	100.0	99.9	101.5	99.9	99.9	100.6
Black L*	0.3	0.1	0.0	0.5	-1.8	0.1
White $\Delta E00$	1.02	0.40	0.92	0.46	1.02	0.81
Black $\Delta E00$	0.22	0.20	1.56	0.48	1.68	0.88
Red $\Delta E00$	0.17	0.28	0.56	0.22	0.69	0.45
Green $\Delta E00$	0.30	0.09	0.70	0.17	0.60	0.18
Blue $\Delta E00$	0.35	0.32	0.23	0.07	1.88	1.01
Cyan $\Delta E00$	0.20	0.13	0.69	0.30	0.98	0.75
Magenta $\Delta E00$	0.45	0.30	1.22	0.25	0.43	0.28
Yellow $\Delta E00$	0.33	0.18	0.24	0.13	0.98	0.51

Metric	2026-02-17	2026-02-17	2026-03-03	2026-03-03	2026-03-17	2026-03-31
Average ΔE , all patches	1.39	0.83	1.84	1.00	1.29	1.51
Average ΔE , lowest 95%	1.28	0.77	1.70	0.94	1.16	1.41
Average ΔE , highest 5%	3.49	1.92	4.44	2.13	3.70	3.36
Maximum ΔE , all patches	5.11	2.45	6.83	2.81	4.95	4.60
Maximum ΔE , lowest 95%	2.53	1.41	3.45	1.74	2.44	2.77
Spread (std. dev.)	0.72	0.40	0.97	0.45	0.75	0.71
Paper white L*	99.6	102.0	99.7	99.5	100.1	102.3
Black L*	1.1	0.3	-2.9	0.2	0.0	-1.5
White $\Delta E00$	1.27	1.15	3.52	1.74	2.30	2.05
Black $\Delta E00$	1.25	1.82	1.75	1.66	3.55	3.80
Red $\Delta E00$	1.94	1.20	1.79	1.74	0.70	1.31
Green $\Delta E00$	1.24	0.30	0.79	0.83	0.75	0.97
Blue $\Delta E00$	0.98	0.61	2.19	0.88	0.70	1.72
Cyan $\Delta E00$	0.76	0.72	3.38	0.87	0.94	1.60
Magenta $\Delta E00$	0.57	0.93	1.11	0.69	1.32	0.76
Yellow $\Delta E00$	0.81	0.44	1.43	0.93	1.20	1.21

Metric	2026-04-14	2026-04-28	2026-05-12
Average ΔE , all patches	1.71	1.83	2.08
Average ΔE , lowest 95%	1.57	1.71	1.94
Average ΔE , highest 5%	4.21	4.13	4.65
Maximum ΔE , all patches	5.33	7.27	6.88
Maximum ΔE , lowest 95%	3.43	3.15	3.75
Spread (std. dev.)	0.88	0.86	0.98
Paper white L*	101.8	101.3	101.8

Black L*	-2.4	-2.8	1.6
White ΔE00	3.43	2.57	3.33
Black ΔE00	3.95	3.95	5.34
Red ΔE00	3.40	1.18	1.07
Green ΔE00	2.01	1.64	0.92
Blue ΔE00	2.24	1.97	2.95
Cyan ΔE00	0.85	1.86	1.11
Magenta ΔE00	1.11	1.14	0.83
Yellow ΔE00	0.87	2.32	2.22