LumaticLAB | Colour Picker Tooltip Library

Version 2.12 | Documentation release 1.0 | 17 October 2026

Ready-to-use plain-language help strings; not integrated into v2.12.

Primary controls

Control / field	Tooltip text
Choose a colour	Select a colour using your browser colour picker.
Hex colour	Enter a 3- or 6-digit RGB hex code. Press Enter to apply.
Copy	Copy the current 6-digit hex colour code.
Load colour-name database	Load a local CSV. Colour names must be in column 2 and hex codes in column 3.
Database drop zone	Drop a CSV here to replace the current name database.
Colour readouts	Show or hide the additional colour measurements.

Measurement labels

Label	Tooltip text
Colour name	Exact database match if available; otherwise an approximate automatic label.
Rec. 601 luma	Weighted brightness from RGB channels, from 0 to 255.
RGB	Red, green and blue channel values, each from 0 to 255.
HSL	Hue (degrees), saturation (%) and lightness (%).
Relative luminance	Linearised sRGB luminance from 0 (black) to 1 (white).
sRGB channel values	Each RGB channel as a percentage of its maximum value.

Status and validation messages

State	Suggested concise help
Automatic naming	Colour name is estimated from hue, saturation

	and lightness.
Database active	Exact matches use your CSV names; other colours use automatic names.
Invalid hex	Enter three or six hexadecimal digits; the previous colour stays selected.
CSV imported	The reported count is unique valid colour codes; rejected rows were skipped.
CSV error	Check .csv format, column positions and quoted fields.
Copy blocked	Select the code and use manual copy if browser clipboard access fails.

Implementation guidance

This is a reference library for future help/title or accessible-description integration. Its entries are documentation only: no HTML tooltips were added or changed in v2.12.

Keep explanations short in the interface. Detailed examples, maths and recovery steps belong in the User Guide. Associate accessible help text with interactive elements without replacing their existing labels or focus indicators.