LumaticLAB | Colour Picker
First Walk-Through

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A short, task-focused introduction.

Purpose

Colour Picker is a small, offline-first tool for selecting a colour, copying its hexadecimal code, viewing colour measurements and optionally matching exact codes to names in a user-supplied CSV file. It is not an image editor or palette converter.

1. Open the application

Open LumaticLAB_Colour_Picker_v2-12.html in a current browser. No account, upload or installation is required by the supplied HTML. The starting colour is #7F7F7F (neutral grey).

2. Select a colour

Choose a colour using the circular browser colour control. Alternatively enter a hexadecimal colour in the Hex colour field and press Enter or move focus away. The picker, code and colour readouts then use the accepted colour.

3. Copy the colour code

Select Copy to copy the current six-digit hexadecimal value, such as #7F7F7F. If browser clipboard permission or support is unavailable, select the hex text and copy it manually.

4. Examine the colour

Open Colour readouts. Read the automatic colour name, Rec. 601 luma, red/green/blue (RGB) numbers, hue/saturation/lightness (HSL), relative luminance and sRGB channel percentages. These are descriptive measurements, not a colour-management profile.

5. Optional: load a naming database

Click Load colour-name database or drop a .csv file on the outlined database zone. Put the colour name in column 2 and the hexadecimal code in column 3; column 1 may contain any identifier. The database gives names only for exact hex matches. Other colours retain an automatic descriptive name.

Try a sample

A simple CSV can contain the following rows (no header required):

Column 1	Column 2 - name	Column 3 - hex
1	Mid Grey	#7F7F7F
2	Pure Red	#FF0000

Once loaded, select #FF0000 to see Pure Red. Load a new CSV to replace the active naming database.

Watch for

The hex field accepts three- or six-digit codes; shorter valid codes expand to six digits. An invalid entry shows a warning and does not update the preview. Database files are read locally during the session; the HTML has no database-save or CSV-export control.