



Creating your Own Digital Colour Palette

With Dr Becky Gooby

Dr. Becky Gooby is a digital colour researcher whose expertise in colour management includes developing swatch libraries and creating palettes that capture the character of different design eras, and applying them directly in design practice. As part of her PhD, she created over 4,500 digital colour swatches to document printed colours on a variety of fabrics, forming a comprehensive resource for both research and practical applications.

Overview

This half-day course is designed for artists and design professionals who want to deepen their understanding of colour theory and data. Through hands-on exploration, you'll learn how to measure, record, and organise colour to enhance your creative outcomes.

You'll develop a solid understanding of colour systems, discover new sources of inspiration, and gain the skills to create and manage digital palettes with confidence. Perfect for anyone looking to bring greater precision and creativity to their use of colour.

Max number of part- 12

Learning Outcomes

- Understand colour systems
- Identify sources of colour inspiration
- Measure and record colour accurately
- Create and organise digital palettes

Course Structure

Overview of colour models: RGB, CMYK, HSB, Lab, and HEX.

How digital colour data relates to physical colour.

Exercises in finding inspiration: everyday objects, textiles, artworks, or design samples.

Introduction to spectrophotometry and digital colour measurement.

Demonstration: measuring colour from printed or physical objects.

Practical exercise: participants measure 3–5 objects or samples (if possible, hands-on or simulated data).

Inputting measured colours into a digital workspace (Adobe Photoshop) – How to name and save and import into your colour swatch files

Guidance for continuing palette creation independently.

Bring along objects, fabrics, or other sources of inspiration and learn how to measure and turn them into a unique digital colour palette for your own projects.

This would be a physical workshop and would take place in the lab.