

### TRAINING

## COLOUR – PERCEPTION, EVALUATION, MATCHING

- DURATION:** 1 1/2 Days
- TIME:** 1<sup>st</sup> day: 10.00 - 16.00 h  
2<sup>nd</sup> day: 9.00 - 12.00 h
- PARTICIPANTS:** up to a maximum of  
10 persons
- FEE:** 195 Euro/person  
Fee comprises,  
all training documents,  
lunch and dinner.
- TRAINER:** ALFRED EICHLER  
Head of  
Colorimetric Department



Exact, reproducible matches of colour samples are gaining an increasing importance for screen and pad printing. In addition to exact matches quality management often requires documentation of measuring values within tightest tolerances. The special strengths of both printing technologies (thick, opaque ink layers, printing on coloured substrates) also call for meeting of especially high requirements.

We will talk about the basics of standardised colour matching and give details of the CIELAB colour space as well as colour distance values. The course also comprises introduction of equipment required for colour matching.

The course is suited for all screen and pad printers who want to start colour mixing. It is also intended for active "colour mixers" who want to make their colour matching work more effective.

- Basics and influences on colour perception.
- Introduction of various colour catalogues (PMS, RAL etc.).
- Possibilities and limitations of colour mixing
- CIELAB Colour space
- Colour distance values and tolerances
- Colour mixing equipment

The training takes place at Coates Screen Inks GmbH in Nuremberg.

### Coates Screen Inks GmbH

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