

# COLOUR THEORY, MIXING TONERS AND TINTING

REF09

**Understanding the nature of colour theory and the considerations that affect colour are essential in achieving a blendable match. This course will provide knowledge on how to evaluate colour, as well as discuss if and when tinting should be done. Students will benefit from several interactive classroom activities where they can apply and reinforce knowledge learned in the course.**

**The content found in this course can improve application and problem-solving skills, which can also increase productivity through improved customer satisfaction, better cycle times and reduced rework.**

## Course Content

### Module 1— Perception of Colour

The course opens with a description of basic concepts of colour theory and how different lighting affects colour perception. Colour vision deficiency, as well as information on metallic, pearl and tri-coat effects are all discussed.

### Module 2— Colour Evaluation

As the student moves through the course, they will learn about sun gun techniques. Matte finishes, colour matching tools and colour variance decks are discussed and reinforced during group activities. Students will also learn about colour maps, electronic paint formulation systems and techniques to make spray out panels for colour evaluation and tri-coat finishes. As the second module continues, students will learn how to evaluate colour based on value, hue and chroma. The second module concludes with an activity on value and colour movement and a discussion on metallic and pearl flop.

### Module 3— Tinting

This final module will discuss tinting, what tinting is, and if and when tinting is necessary. A series of colour plotting activities will aid the students in understanding how to plot the refinish colour to achieve a blendable match to the vehicle colour.

## Recommendations

Other courses that may be helpful include:

- Waterborne Products, Systems and Applications (REF07)
- Refinishing Material Application and Blending (REF08)

## Registration

To register for Colour theory, mixing toners and tinting (REF09) click [here](#) or visit [www.i-car.com.au](http://www.i-car.com.au)

## Course Highlights

Points: 1

Estimated Duration: 4 Hours

Format: Classroom & Virtual Classroom

Meets the I-CAR training requirements for the following roles:



ESTIMATOR



REFINISH TECHNICIAN



ASSESSOR

**After completing this course, you will be able to:**

- Identify how tri-coat finish affects colour
- Understand how metallic and pearls affect colours
- Recognise how a refinish colour formula is chosen
- Explain how to mix toners to make the basecoat
- Describe how to evaluate a spray out panel to the vehicle
- Distinguish items and practices used for tinting
- Describe how to tint using colour plotting

