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# **The Basics of Color Science**

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## Preface

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An author intending to provide the basic facts of color science is faced with the question how thoroughly this topic should be treated. Various condensed presentations can be found containing all major colorimetric calculations, but the necessary explanations are too abridged. In the author's view this is a wrong approach. Even a condensed treatment should be easily understandable by avoiding too much mathematics. Therefore this booklet contains only one colorimetric equation. Furthermore, the computation of color values from spectral values is omitted. Such a presentation should also attract non-technical readers.

As author I am most grateful to Erwin Widmer, the managing director of Ugra, who gave me free reign to write this booklet. Moreover, many thanks go to Harry and Patricia Keller for their editorial assistance of the English version. Finally I thank the staff of the company "Visual Service AG" for their collaboration.

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*Kurt Schläpfer*