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| ISBN | 1-282-48222-X 9786612482229 0-470-68810-6 0-470-68811-4 |
| Descrizione fisica | 1 online resource (316 p.) |
| Collana | The Wiley-IS&T Series in Imaging Science and Technology ; ; v.17 |
| Disciplina Soggetti | 621.36/7 Image processing - Digital techniques - Standards File organization (Computer science) Color photography - Digital techniques Colors - Standards Ink-jet printing Colorimetry Photography, Orthochromatic |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | COLOR MANAGEMENT: UNDERSTANDING AND USING ICC PROFILES; Contents; About the Editor; Series Editor's Preface; Preface; Part One: General; 1 Introduction; 2 Color Management - A Conceptual Overview; 3 The Role of ICC Profiles in a Color Reproduction System; 4 Common Color Management Workflows and Rendering Intent Usage; 5 Recent Developments in ICC Color Management; 6 Color Management Implementation Classification; 7 ICC Profiles, Color Appearance Modeling, and the Microsoft Windows Color System; 8 Glossary of Terms; Part Two: Version 4; 9 The Reasons for Changing to the v4 ICC Profile Format 10 ICC Version 2 and Version 4 Display Profile Differences11 Using the sRGB_v4_ICC_preference.icc Profile; 12 Fundamentals of the Version 4 Perceptual Rendering Intent; 13 Perceptual Rendering Intent Use Case Issues; Part Three: Workflows; 14 Using ICC Profiles with Digital Camera |

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| | Images; 15 RGB Color-Managed Workflow Example; 16 Issues in CMYK Workflows; 17 Orchestrating Color - Tools and Capabilities; 18 Flexible Color Management for the Graphic Arts; Part Four: Measurement and Viewing Conditions; 19 Standards for Color Measurement and Viewing; 20 ICC Recommendations for Color Measurement 21 Fluorescence in Measurement22 Measurement Issues and Color Stability in Inkjet Printing; 23 Viewing Conditions; Part Five: Profile Construction and Evaluation; 24 Overview of ICC Profile Construction; 25 ICC Profile Internal Mechanics; 26 Use of the parametricCurveType; 27 Embedding and Referencing ICC Profiles; 28 LUT-Based Transforms in ICC Profiles; 29 Populating the Matrix Entries in IutAtoBType and IutBtoAType of Version 4 ICC Profiles; 30 Implementation Notes for SampleICC's IccProfLib; 31 Introducing the New multiProcessingElements Tag Type; 32 Inverting ICC Profiles 33 Evaluating Color Transforms in ICC Profiles34 Profile Compliance Testing with SampleICC; Index |
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| Sommario/riassunto | Color Management serves as a comprehensive guide to the implementation of the ICC (International Color Consortium) profile specification, widely used for maintaining color fidelity across multi- media imaging devices and software. The book draws together many of the White Papers produced by the ICC to promote the use of color management and disseminate good practice; the ICC specification has become widely accepted within the color industry, and these papers have been updated, expanded and edited for this collection. Other chapters comprise material that will go on to form future ICC Whi |