


[DOWNLOAD](#)


Color Appearance Models (The Wiley-IS&T Series in Imaging Science and Technology)

By Fairchild, Mark D.

Wiley, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Series Preface. Preface. Introduction. 1 Human Color Vision. 1.1 Optics of the Eye. 1.2 The Retina. 1.3 Visual Signal Processing. 1.4 Mechanisms of Color Vision. 1.5 Spatial and Temporal Properties of Color Vision. 1.6 Color Vision Deficiencies. 1.7 Key Features for Color Appearance Modeling. 2 Psychophysics. 2.1 Psychophysics Defined. 2.2 Historical Context. 2.3 Hierarchy of Scales. 2.4 Threshold Techniques. 2.5 Matching Techniques. 2.6 One-Dimensional Scaling. 2.7 Multidimensional Scaling. 2.8 Design of Psychophysical Experiments. 2.9 Importance in Color Appearance Modeling. 3 Colorimetry. 3.1 Basic and Advanced Colorimetry. 3.2 Why is Color? 3.3 Light Sources and Illuminants. 3.4 Colored Materials. 3.5 The Human Visual Response. 3.6 Tristimulus Values and Color Matching Functions. 3.7 Chromaticity Diagrams. 3.8 CIE Color Spaces. 3.9 Color Difference Specification. 3.10 The Next Step. 4 Color Appearance Terminology. 4.1 Importance of Definitions. 4.2 Color. 4.3 Hue. 4.4 Brightness and Lightness. 4.5 Colorfulness and Chroma. 4.6 Saturation. 4.7 Unrelated and Related Colors. 4.8 Definitions in Equations. 4.9 Brightness-Colorfulness vs Lightness-Chroma. 5 Color Order Systems. 5.1 Overview and Requirements. 5.2 The Munsell Book of Color. 5.3 The Swedish Natural Color System (NCS). 5.4 The Colorcurve...



READ ONLINE
[4.08 MB]

Reviews

An incredibly amazing ebook with perfect and lucid answers. It is written in basic terms and never difficult to understand. It's been written in an exceptionally basic way and it is only right after I finished reading this ebook in which it in fact modified me, affect the way I really believe.

-- **Beverly Hoppe**

Extremely helpful for all class of individuals. Better than never, though I am quite late in start reading this one. I realized this publication from my I and dad suggested this ebook to discover.

-- **Adela Schroeder II**