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General Synthesis; 2.3.3 Principal Properties; 2.3.3.1 Color; 2.3.3.2 Basic Chromophore; 2.3.3.3 Solvatochromism; 2.3.3.4 Redox System; 2.3.4 References; 2.4 Cationic Dyes as Chromophores  
2.4.1 Introduction 2.4.2 General Synthesis; 2.4.3 Chemical Structure and Classification; 2.4.3.1 Dyes with Delocalized Charge; 2.4.3.2 Dyes with Localized Charge; 2.4.4 Principal Properties; 2.4.4.1 Cationic Dyes for Synthetic Fibers; 2.4.4.2 Cationic Dyes for Paper, Leather, and Other Substrates; 2.4.5 References; 2.5 Polymethine and Related Chromophores; 2.5.1 Introduction; 2.5.2 General Synthesis; 2.5.3 Principal Properties and Classification; 2.5.3.1 Azacarbocyanines; 2.5.3.2 Hemicyanines; 2.5.3.3 Diazahemicyanines; 2.5.3.4 Styryl Dyes; 2.6 Di- and Triarylcarbenium and Related Chromophores  
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3.1.2 Chemical Constitution of Reactive Systems

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## Sommario/riassunto

What would life be like without color? Ever since one can think back, color has always accompanied mankind. Dyes - originally obtained exclusively from natural sources - are today also produced synthetically on a large scale and represent one of the very mature and traditional sectors of the chemical industry. The present reference work on Industrial Dyes provides a comprehensive review of the chemistry, properties and applications of the most important groups of industrial dyes, including optical brighteners. It also outlines the latest developments in the area of functional dyes.<

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