| | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Use**](http://docs.google.com/package-use.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV PACKAGE**](http://docs.google.com/java/awt/package-summary.html)   [**NEXT PACKAGE**](http://docs.google.com/java/awt/datatransfer/package-summary.html) | [**FRAMES**](http://docs.google.com/index.html?java/awt/color/package-summary.html)    [**NO FRAMES**](http://docs.google.com/package-summary.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

## Package java.awt.color

Provides classes for color spaces.

**See:**

[**Description**](#3znysh7)

| **Class Summary** | |
| --- | --- |
| [**ColorSpace**](http://docs.google.com/java/awt/color/ColorSpace.html) | This abstract class is used to serve as a color space tag to identify the specific color space of a Color object or, via a ColorModel object, of an Image, a BufferedImage, or a GraphicsDevice. |
| [**ICC\_ColorSpace**](http://docs.google.com/java/awt/color/ICC_ColorSpace.html) | The ICC\_ColorSpace class is an implementation of the abstract ColorSpace class. |
| [**ICC\_Profile**](http://docs.google.com/java/awt/color/ICC_Profile.html) | A representation of color profile data for device independent and device dependent color spaces based on the International Color Consortium Specification ICC.1:2001-12, File Format for Color Profiles, (see <http://www.color.org>). |
| [**ICC\_ProfileGray**](http://docs.google.com/java/awt/color/ICC_ProfileGray.html) | A subclass of the ICC\_Profile class which represents profiles which meet the following criteria: the color space type of the profile is TYPE\_GRAY and the profile includes the grayTRCTag and mediaWhitePointTag tags. |
| [**ICC\_ProfileRGB**](http://docs.google.com/java/awt/color/ICC_ProfileRGB.html) | The ICC\_ProfileRGB class is a subclass of the ICC\_Profile class that represents profiles which meet the following criteria: The profile's color space type is RGB. The profile includes the redColorantTag, greenColorantTag, blueColorantTag, redTRCTag, greenTRCTag, blueTRCTag, and mediaWhitePointTag tags. The ICC\_Profile getInstance method will return an ICC\_ProfileRGB object when these conditions are met. |

| **Exception Summary** | |
| --- | --- |
| [**CMMException**](http://docs.google.com/java/awt/color/CMMException.html) | This exception is thrown if the native CMM returns an error. |
| [**ProfileDataException**](http://docs.google.com/java/awt/color/ProfileDataException.html) | This exception is thrown when an error occurs in accessing or processing an ICC\_Profile object. |

## Package java.awt.color Description

Provides classes for color spaces. It contains an implementation of a color space based on the International Color Consortium (ICC) Profile Format Specification, Version 3.4, August 15, 1997. It also contains color profiles based on the ICC Profile Format Specification.

**Since:** 1.2

| | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Use**](http://docs.google.com/package-use.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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