| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/color/ICC_Profile.html) | **Use** | [**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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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/awt/color//class-useICC_Profile.html)    [**NO FRAMES**](http://docs.google.com/ICC_Profile.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.awt.color.ICC\_Profile**

| Packages that use [ICC\_Profile](http://docs.google.com/java/awt/color/ICC_Profile.html) | |
| --- | --- |
| [**java.awt.color**](#3znysh7) | Provides classes for color spaces. |
| [**java.awt.image**](#2et92p0) | Provides classes for creating and modifying images. |

| Uses of [ICC\_Profile](http://docs.google.com/java/awt/color/ICC_Profile.html) in [java.awt.color](http://docs.google.com/java/awt/color/package-summary.html) | |
| --- | --- |

| Subclasses of [ICC\_Profile](http://docs.google.com/java/awt/color/ICC_Profile.html) in [java.awt.color](http://docs.google.com/java/awt/color/package-summary.html) | |
| --- | --- |
| class | [**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. |
| class | [**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. |

| Methods in [java.awt.color](http://docs.google.com/java/awt/color/package-summary.html) that return [ICC\_Profile](http://docs.google.com/java/awt/color/ICC_Profile.html) | |
| --- | --- |
| static [ICC\_Profile](http://docs.google.com/java/awt/color/ICC_Profile.html) | **ICC\_Profile.**[**getInstance**](http://docs.google.com/java/awt/color/ICC_Profile.html#getInstance(byte%5B%5D))(byte[] data)            Constructs an ICC\_Profile object corresponding to the data in a byte array. |
| static [ICC\_Profile](http://docs.google.com/java/awt/color/ICC_Profile.html) | **ICC\_Profile.**[**getInstance**](http://docs.google.com/java/awt/color/ICC_Profile.html#getInstance(java.io.InputStream))([InputStream](http://docs.google.com/java/io/InputStream.html) s)            Constructs an ICC\_Profile corresponding to the data in an InputStream. |
| static [ICC\_Profile](http://docs.google.com/java/awt/color/ICC_Profile.html) | **ICC\_Profile.**[**getInstance**](http://docs.google.com/java/awt/color/ICC_Profile.html#getInstance(int))(int cspace)            Constructs an ICC\_Profile corresponding to one of the specific color spaces defined by the ColorSpace class (for example CS\_sRGB). |
| static [ICC\_Profile](http://docs.google.com/java/awt/color/ICC_Profile.html) | **ICC\_Profile.**[**getInstance**](http://docs.google.com/java/awt/color/ICC_Profile.html#getInstance(java.lang.String))([String](http://docs.google.com/java/lang/String.html) fileName)            Constructs an ICC\_Profile corresponding to the data in a file. |
| [ICC\_Profile](http://docs.google.com/java/awt/color/ICC_Profile.html) | **ICC\_ColorSpace.**[**getProfile**](http://docs.google.com/java/awt/color/ICC_ColorSpace.html#getProfile())()            Returns the ICC\_Profile for this ICC\_ColorSpace. |

| Constructors in [java.awt.color](http://docs.google.com/java/awt/color/package-summary.html) with parameters of type [ICC\_Profile](http://docs.google.com/java/awt/color/ICC_Profile.html) | |
| --- | --- |
| [**ICC\_ColorSpace**](http://docs.google.com/java/awt/color/ICC_ColorSpace.html#ICC_ColorSpace(java.awt.color.ICC_Profile))([ICC\_Profile](http://docs.google.com/java/awt/color/ICC_Profile.html) profile)            Constructs a new ICC\_ColorSpace from an ICC\_Profile object. |

| Uses of [ICC\_Profile](http://docs.google.com/java/awt/color/ICC_Profile.html) in [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html) | |
| --- | --- |

| Methods in [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html) that return [ICC\_Profile](http://docs.google.com/java/awt/color/ICC_Profile.html) | |
| --- | --- |
| [ICC\_Profile](http://docs.google.com/java/awt/color/ICC_Profile.html)[] | **ColorConvertOp.**[**getICC\_Profiles**](http://docs.google.com/java/awt/image/ColorConvertOp.html#getICC_Profiles())()            Returns the array of ICC\_Profiles used to construct this ColorConvertOp. |

| Constructors in [java.awt.image](http://docs.google.com/java/awt/image/package-summary.html) with parameters of type [ICC\_Profile](http://docs.google.com/java/awt/color/ICC_Profile.html) | |
| --- | --- |
| [**ColorConvertOp**](http://docs.google.com/java/awt/image/ColorConvertOp.html#ColorConvertOp(java.awt.color.ICC_Profile%5B%5D,%20java.awt.RenderingHints))([ICC\_Profile](http://docs.google.com/java/awt/color/ICC_Profile.html)[] profiles, [RenderingHints](http://docs.google.com/java/awt/RenderingHints.html) hints)            Constructs a new ColorConvertOp from an array of ICC\_Profiles. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/awt/color/ICC_Profile.html) | **Use** | [**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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