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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Colors.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-all.html) | [**Help**](http://docs.google.com/help-doc.html) | |  |  | ***PircBot Java IRC Bot*** |
| PREV CLASS   [**NEXT CLASS**](http://docs.google.com/org/jibble/pircbot/DccChat.html) | [**FRAMES**](http://docs.google.com/index.html)    [**NO FRAMES**](http://docs.google.com/Colors.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#id.3znysh7)| CONSTR | [METHOD](#id.2et92p0) | DETAIL: [FIELD](#id.3dy6vkm)| CONSTR | [METHOD](#id.3as4poj) |

**org.jibble.pircbot**

Class Colors

[java.lang.Object](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html)  
 **org.jibble.pircbot.Colors**

public class **Colors**extends [Object](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html)

The Colors class provides several static fields and methods that you may find useful when writing an IRC Bot.

This class contains constants that are useful for formatting lines sent to IRC servers. These constants allow you to apply various formatting to the lines, such as colours, boldness, underlining and reverse text.

The class contains static methods to remove colours and formatting from lines of IRC text.

Here are some examples of how to use the contants from within a class that extends PircBot and imports org.jibble.pircbot.\*;

sendMessage("#cs", Colors.BOLD + "A bold hello!");  
 **A bold hello!**  
 sendMessage("#cs", Colors.RED + "Red" + Colors.NORMAL + " text");  
 Red text  
 sendMessage("#cs", Colors.BOLD + Colors.RED + "Bold and red");  
 **Bold and red**

Please note that some IRC channels may be configured to reject any messages that use colours. Also note that older IRC clients may be unable to correctly display lines that contain colours and other control characters.

Note that this class name has been spelt in the American style in order to remain consistent with the rest of the Java API.

**Since:** 0.9.12 **Version:** 1.5.0 (Build time: Mon Dec 14 20:07:17 2009) **Author:** Paul James Mutton, <http://www.jibble.org/>

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| **Field Summary** |  |
| static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) | [**BLACK**](http://docs.google.com/org/jibble/pircbot/Colors.html#BLACK)            Black coloured text. |
| static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) | [**BLUE**](http://docs.google.com/org/jibble/pircbot/Colors.html#BLUE)            Blue coloured text. |
| static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) | [**BOLD**](http://docs.google.com/org/jibble/pircbot/Colors.html#BOLD)            Bold text. |
| static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) | [**BROWN**](http://docs.google.com/org/jibble/pircbot/Colors.html#BROWN)            Brown coloured text. |
| static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) | [**CYAN**](http://docs.google.com/org/jibble/pircbot/Colors.html#CYAN)            Cyan coloured text. |
| static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) | [**DARK\_BLUE**](http://docs.google.com/org/jibble/pircbot/Colors.html#DARK_BLUE)            Dark blue coloured text. |
| static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) | [**DARK\_GRAY**](http://docs.google.com/org/jibble/pircbot/Colors.html#DARK_GRAY)            Dark gray coloured text. |
| static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) | [**DARK\_GREEN**](http://docs.google.com/org/jibble/pircbot/Colors.html#DARK_GREEN)            Dark green coloured text. |
| static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) | [**GREEN**](http://docs.google.com/org/jibble/pircbot/Colors.html#GREEN)            Green coloured text. |
| static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) | [**LIGHT\_GRAY**](http://docs.google.com/org/jibble/pircbot/Colors.html#LIGHT_GRAY)            Light gray coloured text. |
| static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) | [**MAGENTA**](http://docs.google.com/org/jibble/pircbot/Colors.html#MAGENTA)            Magenta coloured text. |
| static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) | [**NORMAL**](http://docs.google.com/org/jibble/pircbot/Colors.html#NORMAL)            Removes all previously applied color and formatting attributes. |
| static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) | [**OLIVE**](http://docs.google.com/org/jibble/pircbot/Colors.html#OLIVE)            Olive coloured text. |
| static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) | [**PURPLE**](http://docs.google.com/org/jibble/pircbot/Colors.html#PURPLE)            Purple coloured text. |
| static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) | [**RED**](http://docs.google.com/org/jibble/pircbot/Colors.html#RED)            Red coloured text. |
| static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) | [**REVERSE**](http://docs.google.com/org/jibble/pircbot/Colors.html#REVERSE)            Reversed text (may be rendered as italic text in some clients). |
| static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) | [**TEAL**](http://docs.google.com/org/jibble/pircbot/Colors.html#TEAL)            Teal coloured text. |
| static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) | [**UNDERLINE**](http://docs.google.com/org/jibble/pircbot/Colors.html#UNDERLINE)            Underlined text. |
| static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) | [**WHITE**](http://docs.google.com/org/jibble/pircbot/Colors.html#WHITE)            White coloured text. |
| static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) | [**YELLOW**](http://docs.google.com/org/jibble/pircbot/Colors.html#YELLOW)            Yellow coloured text. |

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| **Method Summary** |  |
| static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) | [**removeColors**](http://docs.google.com/org/jibble/pircbot/Colors.html#removeColors(java.lang.String))([String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) line)            Removes all colours from a line of IRC text. |
| static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) | [**removeFormatting**](http://docs.google.com/org/jibble/pircbot/Colors.html#removeFormatting(java.lang.String))([String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) line)            Remove formatting from a line of IRC text. |
| static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) | [**removeFormattingAndColors**](http://docs.google.com/org/jibble/pircbot/Colors.html#removeFormattingAndColors(java.lang.String))([String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) line)            Removes all formatting and colours from a line of IRC text. |

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| **Methods inherited from class java.lang.**[**Object**](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html) |
| [clone](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html#clone()), [equals](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html#finalize()), [getClass](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html#getClass()), [hashCode](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html#hashCode()), [notify](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html#notify()), [notifyAll](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html#notifyAll()), [toString](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html#toString()), [wait](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html#wait()), [wait](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html#wait(long)), [wait](http://java.sun.com/j2se/1.4/docs/api/java/lang/Object.html#wait(long,%20int)) |

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| **Field Detail** |

### NORMAL

public static final [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) **NORMAL**

Removes all previously applied color and formatting attributes.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.jibble.pircbot.Colors.NORMAL)

### BOLD

public static final [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) **BOLD**

Bold text.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.jibble.pircbot.Colors.BOLD)

### UNDERLINE

public static final [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) **UNDERLINE**

Underlined text.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.jibble.pircbot.Colors.UNDERLINE)

### REVERSE

public static final [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) **REVERSE**

Reversed text (may be rendered as italic text in some clients).

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.jibble.pircbot.Colors.REVERSE)

### WHITE

public static final [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) **WHITE**

White coloured text.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.jibble.pircbot.Colors.WHITE)

### BLACK

public static final [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) **BLACK**

Black coloured text.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.jibble.pircbot.Colors.BLACK)

### DARK\_BLUE

public static final [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) **DARK\_BLUE**

Dark blue coloured text.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.jibble.pircbot.Colors.DARK_BLUE)

### DARK\_GREEN

public static final [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) **DARK\_GREEN**

Dark green coloured text.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.jibble.pircbot.Colors.DARK_GREEN)

### RED

public static final [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) **RED**

Red coloured text.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.jibble.pircbot.Colors.RED)

### BROWN

public static final [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) **BROWN**

Brown coloured text.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.jibble.pircbot.Colors.BROWN)

### PURPLE

public static final [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) **PURPLE**

Purple coloured text.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.jibble.pircbot.Colors.PURPLE)

### OLIVE

public static final [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) **OLIVE**

Olive coloured text.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.jibble.pircbot.Colors.OLIVE)

### YELLOW

public static final [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) **YELLOW**

Yellow coloured text.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.jibble.pircbot.Colors.YELLOW)

### GREEN

public static final [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) **GREEN**

Green coloured text.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.jibble.pircbot.Colors.GREEN)

### TEAL

public static final [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) **TEAL**

Teal coloured text.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.jibble.pircbot.Colors.TEAL)

### CYAN

public static final [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) **CYAN**

Cyan coloured text.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.jibble.pircbot.Colors.CYAN)

### BLUE

public static final [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) **BLUE**

Blue coloured text.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.jibble.pircbot.Colors.BLUE)

### MAGENTA

public static final [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) **MAGENTA**

Magenta coloured text.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.jibble.pircbot.Colors.MAGENTA)

### DARK\_GRAY

public static final [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) **DARK\_GRAY**

Dark gray coloured text.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.jibble.pircbot.Colors.DARK_GRAY)

### LIGHT\_GRAY

public static final [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) **LIGHT\_GRAY**

Light gray coloured text.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#org.jibble.pircbot.Colors.LIGHT_GRAY)

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| **Method Detail** |

### removeColors

public static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) **removeColors**([String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) line)

Removes all colours from a line of IRC text.

**Parameters:**line - the input text. **Returns:**the same text, but with all colours removed.**Since:** PircBot 1.2.0

### removeFormatting

public static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) **removeFormatting**([String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) line)

Remove formatting from a line of IRC text.

**Parameters:**line - the input text. **Returns:**the same text, but without any bold, underlining, reverse, etc.**Since:** PircBot 1.2.0

### removeFormattingAndColors

public static [String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) **removeFormattingAndColors**([String](http://java.sun.com/j2se/1.4/docs/api/java/lang/String.html) line)

Removes all formatting and colours from a line of IRC text.

**Parameters:**line - the input text. **Returns:**the same text, but without formatting and colour characters.**Since:** PircBot 1.2.0

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| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Colors.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-all.html) | [**Help**](http://docs.google.com/help-doc.html) | |  |  | ***PircBot Java IRC Bot*** |
| PREV CLASS   [**NEXT CLASS**](http://docs.google.com/org/jibble/pircbot/DccChat.html) | [**FRAMES**](http://docs.google.com/index.html)    [**NO FRAMES**](http://docs.google.com/Colors.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#id.3znysh7)| CONSTR | [METHOD](#id.2et92p0) | DETAIL: [FIELD](#id.3dy6vkm)| CONSTR | [METHOD](#id.3as4poj) |