

# Converting Colors

Hex(83CEAC)

Have a look what the booklet for  
Hex(83CEAC) contains.

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# **Color**

**Hex(83CEAC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83CEAC
RGB	131, 206, 172
RGB Percent	51%, 81%, 67%
CMY	0.4863, 0.1922, 0.3255
CMYK	0.36, 0.00, 0.17, 0.19
HSL	153°, 43%, 66%
HSV	153°, 36%, 81%
XYZ	38.8778, 51.9465, 47.0073
YIQ	179.6990, -33.7860, -26.4740

# Conversions

## Conversions Part 2

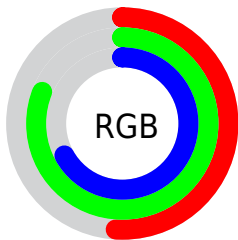
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 179, 206
Decimal	8638124
CIELab	77.25, -30.78, 9.62
CIELCh	77, 32.245, 162.650
Yxy	51.9465, 0.2821, 0.3769
Android (android.graphics.Color)	4286828204 (0xFF83CEAC)
YUV	179.6990, -3.7956, -42.7090
Hunter-Lab	72.0739, -29.8437, 11.7822

# Details

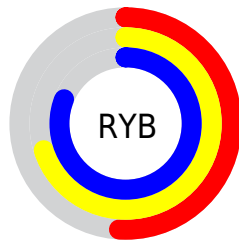
The Hex color **83CEAC** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CE83A5**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **BAFFE3**, and **4E9778** is the 20% darker color. If you saturate the color by 10%, you get **6ECEA3**, and if you desaturate by 10%, it is **98CEB5**.

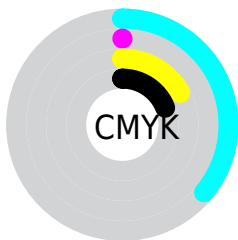
# Distribution



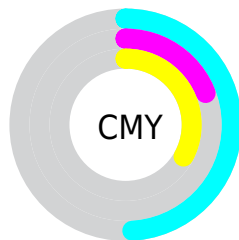
- Red (51%)
- Green (81%)
- Blue (67%)



- Red (51%)
- Yellow (70%)
- Blue (81%)



- Cyan (36%)
- Magenta (0%)
- Yellow (17%)
- Black (19%)



- Cyan (49%)
- Magenta (19%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83CEAC changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 83CEAC by changing the saturation by 10% instead.



 83CEAC

 83CEAC

FFFFFF

 68B291

 BAFFE3

 4E9778

 D7FFFF

 337D5F

 F4FFFF

 146447

 004B31

 00341C

 002102

 000000

 83CEAC

 83CEAC

 6ECEA3

 98CEB5

 5ACE99

 ACCEBF

 45CE90

 C1CEC8

 31CE87

 D5CED1

 1CCE7D

 EACEDB

 07CE74

 FFCEE4

 00CE71

 FFCEED

 FFCEF7

 FFCEFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A6C992



83CEAC



66CFCB

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83CEAC



ABBDF9



F6AE98

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



83CEAC



CE83A5

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FBA9B3



83CEAC



D3B3EB

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83CEAC



7FC7F7



EFABD1



E3B786

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83CEAC



5FCEDE



EFABD1



F9ABA0



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



83CEAC



E3FFF2



A6CE83



6F8078



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83CEAC



8FFFCC



83CCCE



5C6661



00A65B



002615



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



CE83A5



FF8FC2



CE8683



665C60



A6004B



260011



# Previews

## White Background



This preview shows how the Hex color 83CEAC looks on a white background.

## Color Contrast Check

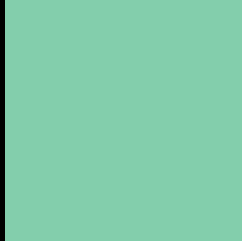
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 83CEAC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 83CEAC Background



This preview shows how black text looks on a background with the Hex color 83CEAC.

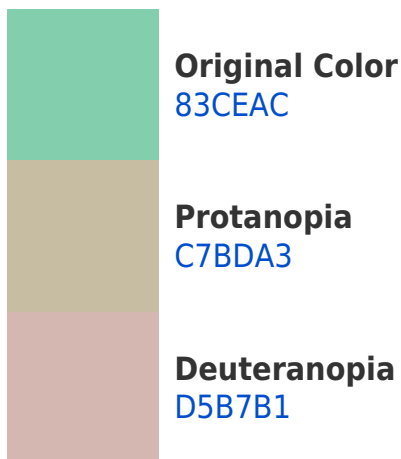


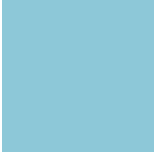
This preview shows how white text looks on a background with the Hex color 83CEAC.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

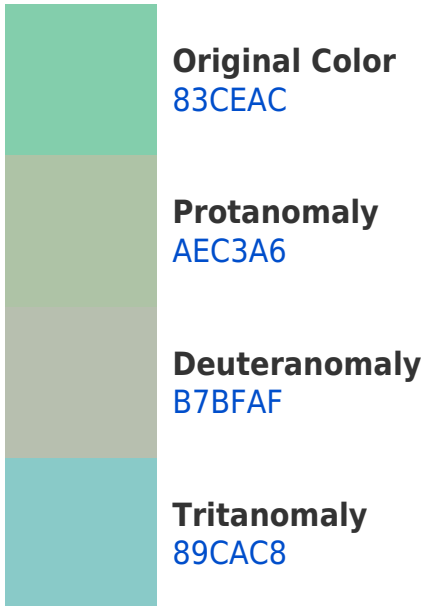
## Dichromacy



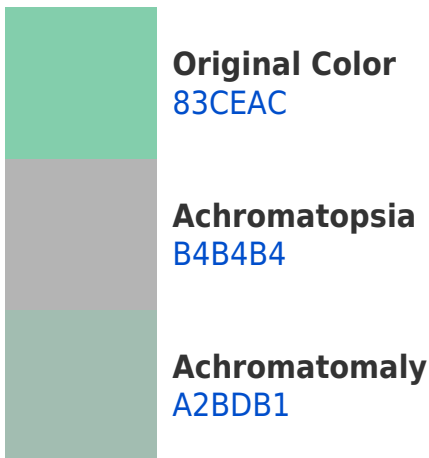


**Tritanopia**  
8DC8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83CEAC is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #83CEAC looks like.

```
.text, #text, p{  
    color:#83CEAC  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #83CEAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83CEAC
}
```

## Border

The CSS property to change the border of an element to Hex 83CEAC is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83CEAC }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#83CEAC }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #83CEAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83CEAC; -webkit-box-shadow:4px 4px  
4px 4px #83CEAC; box-shadow:4px 4px 4px  
4px #83CEAC }
```

# Background

The CSS property to change the background color of an element to Hex 83CEAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83CEAC }
```

If only the background color should be changed can be used:

```
.background{ background-color:#83CEAC }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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