

Converting Colors

Hex(83CCB3)

Have a look what the booklet for
Hex(83CCB3) contains.

Hex(83CCB3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(83CCB3)

Conversions

Conversions Part 1

Format	Color
Hex	83CCB3
RGB	131, 204, 179
RGB Percent	51%, 80%, 70%
CMY	0.4863, 0.2000, 0.2980
CMYK	0.36, 0.00, 0.12, 0.20
HSL	159°, 42%, 66%
HSV	159°, 36%, 80%
XYZ	39.0896, 51.2657, 50.4829
YIQ	179.3230, -35.4830, -23.2510

Conversions

Conversions Part 2

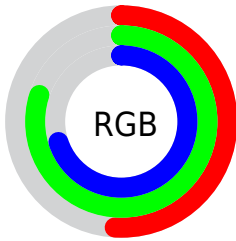
Format	Color
RYB	131, 175, 204
Decimal	8637619
CIELab	76.84, -28.34, 5.27
CIELCh	77, 28.827, 169.460
Yxy	51.2657, 0.2775, 0.3640
Android (android.graphics.Color)	4286827699 (0xFF83CCB3)
YUV	179.3230, -0.1592, -42.3793
Hunter-Lab	71.6001, -27.8491, 8.3166

Details

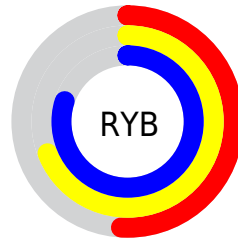
The Hex color **83CCB3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CC839C**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **BAFFEB**, and **4E957E** is the 20% darker color. If you saturate the color by 10%, you get **6FCCAC**, and if you desaturate by 10%, it is **97CCBA**.

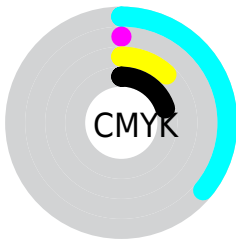
Distribution



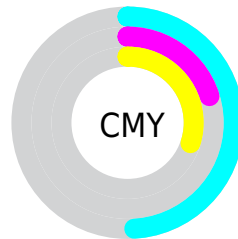
- Red (51%)
- Green (80%)
- Blue (70%)



- Red (51%)
- Yellow (69%)
- Blue (80%)



- Cyan (36%)
- Magenta (0%)
- Yellow (12%)
- Black (20%)



- Cyan (49%)
- Magenta (20%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83CCB3 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 83CCB3 by changing the saturation by 10% instead.

 83CCB3

 83CCB3

FFFFFF

 68B098

 BAFFEB

 4E957E

 D7FFFF

 337B65

 F4FFFF

 14624D

 004A37

 003321

 00200B

 000000

 83CCB3

 83CCB3

 6FCCAC

 97CCBA

 5ACCA5

 ACCCC1

 46CC9E

 C0CCC8

 31CC97

 D5CCCF

 1DCC90

 E9CCD6

 09CC89

 FDCCDD

 00CC86

 FFCCE4

 FFCCEB

 FFCCF2

Harmonies

Analogous

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



A1C89A



83CCB3



6FCCCE

Triad

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



83CCB3



B5BAF0



EDB096

Complementary

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



83CCB3



CC839C

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.



F4ABAD



83CCB3



D7B1E1

Square

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



83CCB3



8FC3F1



EDABC8



DAB98A

Rectangle

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



83CCB3



6ECBDF



EDABC8



F1AE9D

Sweetspot

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



83CCB3



E3FFF5



9DCC83



6F807A



000000



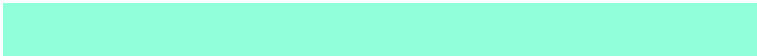
808080

Same Dimension

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



83CCB3



91FFD9



83C1CC



5C6663



00A66D



002619

Inverse Universe

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



CC839C



FF91B7



CC8E83



665C5F



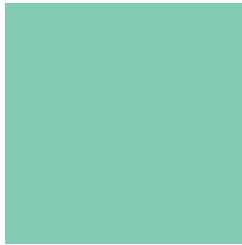
A60039



26000D

Previews

White Background



This preview shows how the Hex color 83CCB3 looks on a white background.

Color Contrast Check

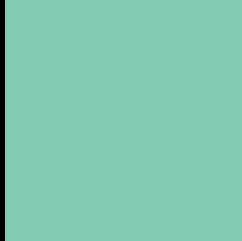
Large Text (above 18pt) WCAG AA × Fail

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 83CCB3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

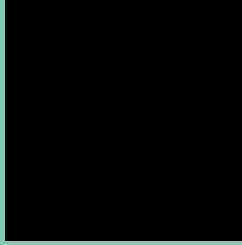
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

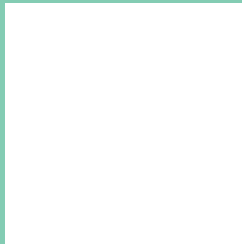
Any Text WCAG AAA ✓ Pass

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

Hex 83CCB3 Background



This preview shows how black text looks on a background with the Hex color 83CCB3.

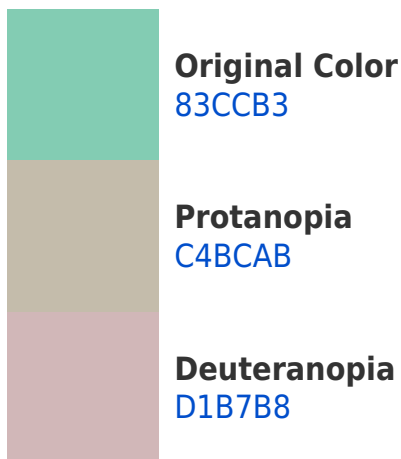


This preview shows how white text looks on a background with the Hex color 83CCB3.

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](#).

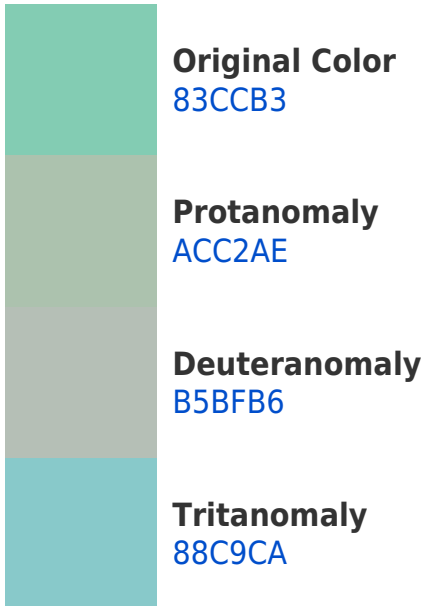
Dichromacy



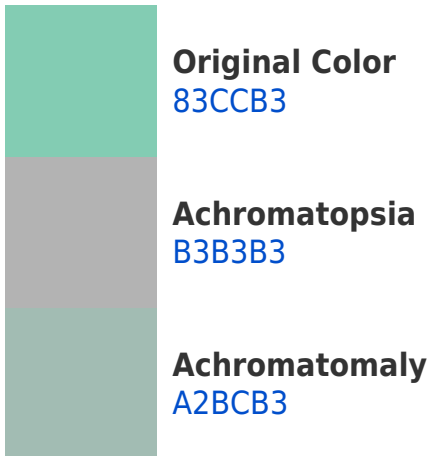


Tritanopia
8BC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83CCB3 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 #83CCB3 looks like.

```
.text, #text, p{  
    color:#83CCB3  
}
```

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 #83CCB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83CCB3
}
```

Border

The CSS property to change the border of an element to Hex 83CCB3 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
#83CCB3 }
```

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

```
.border{ border-color:#83CCB3 }
```

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

Here you see how a box with a 4 pixel #83CCB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83CCB3; -webkit-box-shadow:4px 4px  
4px 4px #83CCB3; box-shadow:4px 4px 4px  
4px #83CCB3 }
```

Background

The CSS property to change the background color of an element to Hex 83CCB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83CCB3 }
```

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

```
.background{ background-color:#83CCB3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor