

Converting Colors

Hex(83C4BB)

Have a look what the booklet for
Hex(83C4BB) contains.

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Color

Hex(83C4BB)

Conversions

Conversions Part 1

Format	Color
Hex	83C4BB
RGB	131, 196, 187
RGB Percent	51%, 77%, 73%
CMY	0.4863, 0.2314, 0.2667
CMYK	0.33, 0.00, 0.05, 0.23
HSL	172°, 36%, 64%
HSV	172°, 33%, 77%
XYZ	38.0696, 47.8930, 54.2515
YIQ	175.5390, -35.8510, -16.5790

Conversions

Conversions Part 2

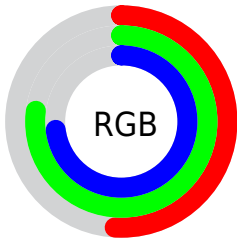
Format	Color
RYB	131, 166, 196
Decimal	8635579
CIELab	74.76, -22.63, -2.08
CIELCh	75, 22.723, 185.244
Yxy	47.8930, 0.2715, 0.3416
Android (android.graphics.Color)	4286825659 (0xFF83C4BB)
YUV	175.5390, 5.6503, -39.0607
Hunter-Lab	69.2048, -22.9153, 1.9643

Details

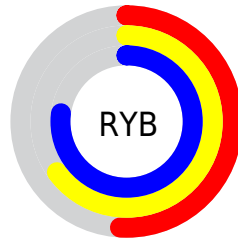
The Hex color **83C4BB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C4838C**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **BAFDF3**, and **4E8E86** is the 20% darker color. If you saturate the color by 10%, you get **6FC4B8**, and if you desaturate by 10%, it is **97C4BE**.

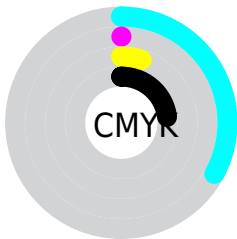
Distribution



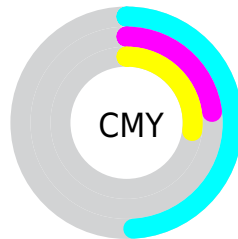
- Red (51%)
- Green (77%)
- Blue (73%)



- Red (51%)
- Yellow (65%)
- Blue (77%)



- Cyan (33%)
- Magenta (0%)
- Yellow (5%)
- Black (23%)



- Cyan (49%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83C4BB 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 83C4BB by changing the saturation by 10% instead.

 83C4BB

 83C4BB

FFFFFF

 68A9A0

 BAFDF3

 4E8E86

 D6FFFF

 34746D

 F3FFFF

 175B54

 00443D

 002D28

 001A13

 000000

 83C4BB

 83C4BB

 6FC4B8

 97C4BE

 5CC4B6

 AAC4C0

 48C4B3

 BEC4C3

 35C4B0

 D1C4C6

 21C4AD

 E5C4C9

 0DC4AB

 F9C4CB

 00C4A9

 FFC4CE

 FFC4D1

 FFC4D3

Harmonies

Analogous

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



95C2A6



83C4BB



7EC3CF

Triad

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



83C4BB



C0B1DA



D7B193

Complementary

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



83C4BB



C4838C

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.



E2ABA1



83C4BB



D6ABCA

Square

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



83C4BB



A4B9E1



E2A9B5



C4B88E

Rectangle

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



83C4BB



84C0DA



E2A9B5



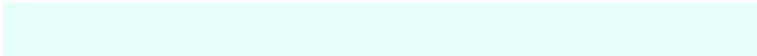
DCAF96

Sweetspot

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



83C4BB



E6FFFB



8DC483



70807D



000000



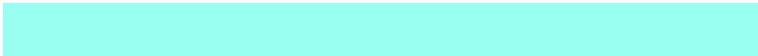
808080

Same Dimension

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



83C4BB



99FFF1



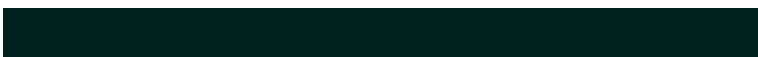
83ADC4



576160



00A18A



00211D

Inverse Universe

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



C4838C



FF99A7



C49A83



615759



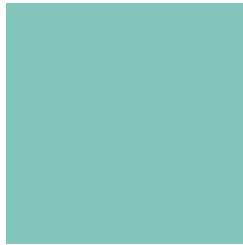
A10016



210005

Previews

White Background



This preview shows how the Hex color 83C4BB looks on a white background.

Color Contrast Check

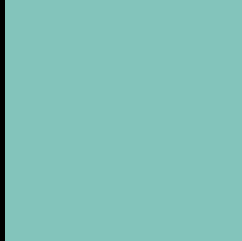
Large Text (above 18pt) WCAG AA × Fail

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 83C4BB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

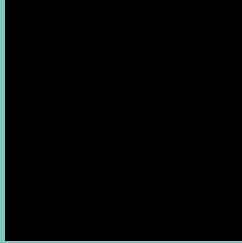
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

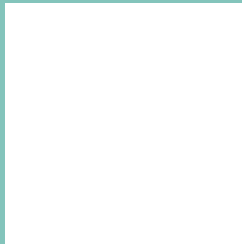
Any Text WCAG AAA ✓ Pass

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

Hex 83C4BB Background



This preview shows how black text looks on a background with the Hex color 83C4BB.



This preview shows how white text looks on a background with the Hex color 83C4BB.

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



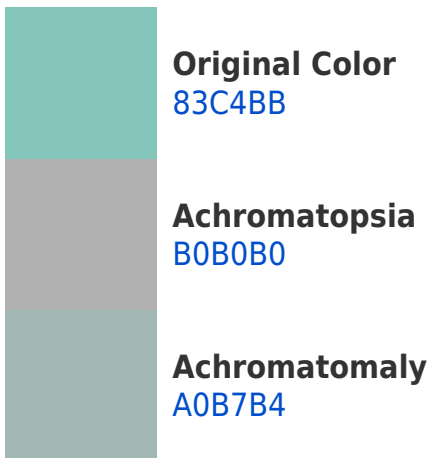


Tritanopia
88C1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83C4BB 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 #83C4BB looks like.

```
.text, #text, p{  
    color:#83C4BB  
}
```

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 #83C4BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83C4BB  
}
```

Border

The CSS property to change the border of an element to Hex 83C4BB 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  
#83C4BB }
```

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

```
.border{ border-color:#83C4BB }
```

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

Here you see how a box with a 4 pixel #83C4BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83C4BB; -webkit-box-shadow:4px 4px  
4px 4px #83C4BB; box-shadow:4px 4px 4px  
4px #83C4BB }
```

Background

The CSS property to change the background color of an element to Hex 83C4BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83C4BB }
```

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

```
.background{ background-color:#83C4BB }
```

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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