

Converting Colors

Hex(85C6BB)

Have a look what the booklet for
Hex(85C6BB) contains.

Hex(85C6BB)	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(85C6BB)

Conversions

Conversions Part 1

Format	Color
Hex	85C6BB
RGB	133, 198, 187
RGB Percent	52%, 78%, 73%
CMY	0.4784, 0.2235, 0.2667
CMYK	0.33, 0.00, 0.06, 0.22
HSL	170°, 36%, 65%
HSV	170°, 33%, 78%
XYZ	38.8366, 48.9626, 54.4175
YIQ	177.3110, -35.2090, -17.2010

Conversions

Conversions Part 2

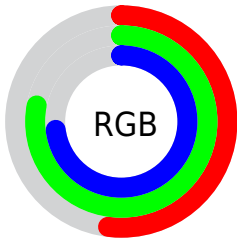
Format	Color
RYB	133, 169, 198
Decimal	8767163
CIELab	75.43, -23.06, -1.08
CIElCh	75, 23.086, 182.687
Yxy	48.9626, 0.2731, 0.3443
Android (android.graphics.Color)	4286957243 (0xFF85C6BB)
YUV	177.3110, 4.7767, -38.8607
Hunter-Lab	69.9733, -23.3820, 2.8720

Details

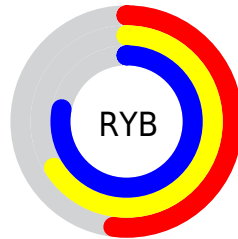
The Hex color **85C6BB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C68590**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **BCFFF3**, and **509086** is the 20% darker color. If you saturate the color by 10%, you get **71C6B8**, and if you desaturate by 10%, it is **99C6BE**.

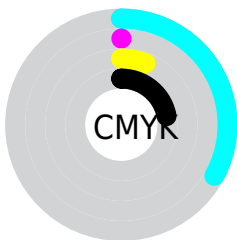
Distribution



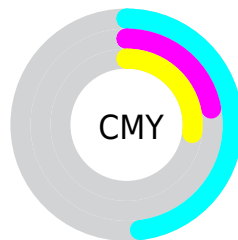
- Red (52%)
- Green (78%)
- Blue (73%)



- Red (52%)
- Yellow (66%)
- Blue (78%)



- Cyan (33%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



- Cyan (48%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85C6BB 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 85C6BB by changing the saturation by 10% instead.

 85C6BB

 85C6BB

FFFFFF

 6AABA0

 BCFFF3

 509086

 D9FFFF

 36766D

 F6FFFF

 1A5D54

 00453D

 002E28

 001C13

 000000

 85C6BB

 85C6BB

 71C6B8

 99C6BE

 5DC6B4

 ADC6C2

 4AC6B1

 C0C6C5

 36C6AE

 D4C6C8

 22C6AA

 E8C6CC

 0EC6A7

 FCC6CF

 00C6A4

 FFC6D2

 FFC6D6

 FFC6D9

Harmonies

Analogous

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



98C4A6



85C6BB



7EC5D0

Triad

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



85C6BB



C0B4DE



DBB295

Complementary

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



85C6BB



C68590

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.



E5ACA4



85C6BB



D7ADCE

Square

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



85C6BB



A3BBE4



E4ABB9



C8B98F

Rectangle

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



85C6BB



84C3DB



E4ABB9



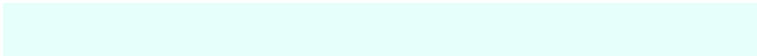
DFB099

Sweetspot

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



85C6BB



E6FFFB



91C685



70807D



000000



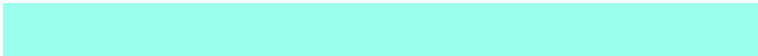
808080

Same Dimension

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



85C6BB



9CFFEE



85B1C6



5A6362



00A388



00241E

Inverse Universe

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



C68590



FF9CAC



C69A85



635A5B



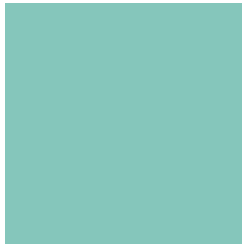
A3001C



240006

Previews

White Background



This preview shows how the Hex color 85C6BB looks on a white background.

Color Contrast Check

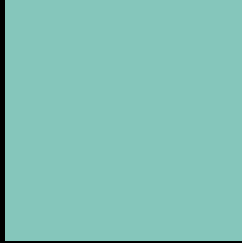
Large Text (above 18pt) WCAG AA × Fail

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 85C6BB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

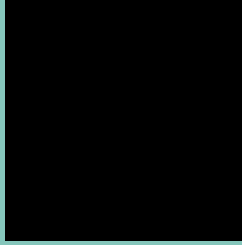
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

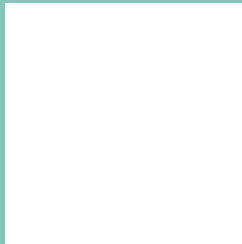
Any Text WCAG AAA ✓ Pass

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

Hex 85C6BB Background



This preview shows how black text looks on a background with the Hex color 85C6BB.



This preview shows how white text looks on a background with the Hex color 85C6BB.

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](#).

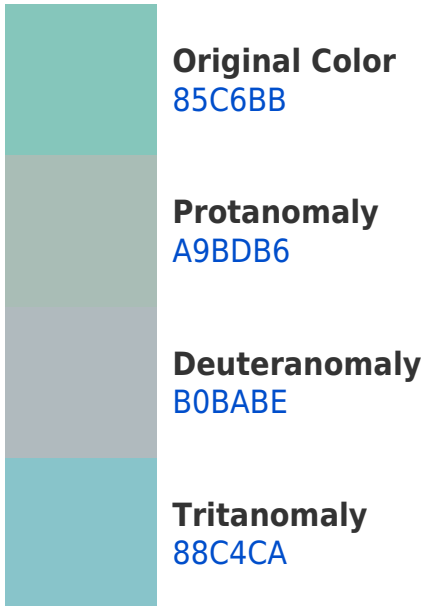
Dichromacy



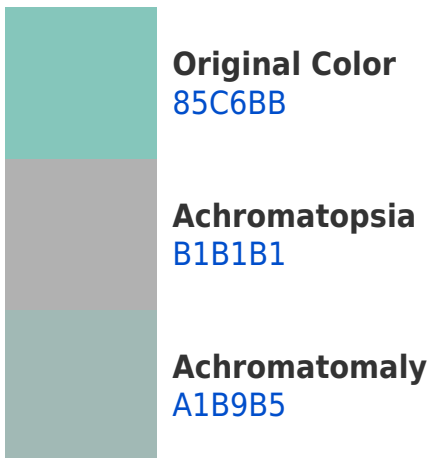


Tritanopia
8AC3D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85C6BB 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 #85C6BB looks like.

```
.text, #text, p{  
    color:#85C6BB  
}
```

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 #85C6BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85C6BB
}
```

Border

The CSS property to change the border of an element to Hex 85C6BB 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
#85C6BB }
```

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

```
.border{ border-color:#85C6BB }
```

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

Here you see how a box with a 4 pixel #85C6BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85C6BB; -webkit-box-shadow:4px 4px  
4px 4px #85C6BB; box-shadow:4px 4px 4px  
4px #85C6BB }
```

Background

The CSS property to change the background color of an element to Hex 85C6BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85C6BB }
```

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

```
.background{ background-color:#85C6BB }
```

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