

# Converting Colors

Hex(85C5B9)

Have a look what the booklet for  
Hex(85C5B9) contains.

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# **Color**

**Hex(85C5B9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85C5B9
RGB	133, 197, 185
RGB Percent	52%, 77%, 73%
CMY	0.4784, 0.2275, 0.2745
CMYK	0.32, 0.00, 0.06, 0.23
HSL	169°, 36%, 65%
HSV	169°, 32%, 77%
XYZ	38.3961, 48.4218, 53.2216
YIQ	176.4960, -34.2920, -17.3000

# Conversions

## Conversions Part 2

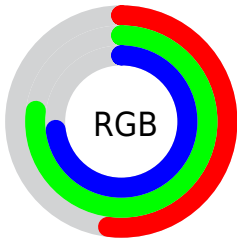
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 168, 197
Decimal	8766905
CIELab	75.09, -23.01, -0.49
CIELCh	75, 23.018, 181.228
Yxy	48.4218, 0.2742, 0.3458
Android (android.graphics.Color)	4286956985 (0xFF85C5B9)
YUV	176.4960, 4.1925, -38.1460
Hunter-Lab	69.5858, -23.2824, 3.3630

# Details

The Hex color **85C5B9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C58591**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **BCFEF1**, and **508F84** is the 20% darker color. If you saturate the color by 10%, you get **71C5B5**, and if you desaturate by 10%, it is **99C5BD**.

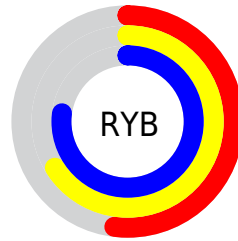
# Distribution



Red (52%)

Green (77%)

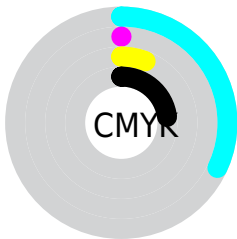
Blue (73%)



Red (52%)

Yellow (66%)

Blue (77%)

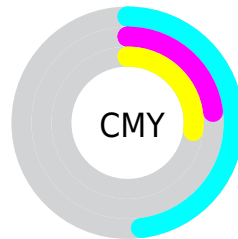


Cyan (32%)

Magenta (0%)

Yellow (6%)

Black (23%)



Cyan (48%)

Magenta (23%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85C5B9 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 85C5B9 by changing the saturation by 10% instead.





85C5B9



85C5B9

FFFFFF



6AAA9E



BCFEF1



508F84



D8FFFF



36756B



F5FFFF



1A5C53



00443C



002E26



001B11



000000



85C5B9



85C5B9

 71C5B5

 99C5BD

 5EC5B2

 ACC5C0

 4AC5AE

 C0C5C4

 36C5AA

 D4C5C8

 23C5A7

 E8C5CB

 0FC5A3

 FBC5CF

 00C5A0

 FFC5D3

 FFC5D7

 FFC5DA

# Harmonies

## Analogous

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



99C3A4



85C5B9



7DC4CE

# Triad

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



85C5B9



BEB3DD



DAB194

# Complementary

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



85C5B9



C58591

# 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.



E4ABA4



85C5B9



D5ADCE

# Square

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



85C5B9



A1BAE3



E3AAB9



C8B88F

# Rectangle

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



85C5B9



83C2D9



E3AAB9



DFAF99



# Sweetspot

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



85C5B9



E6FFFA



92C585



70807D



000000



808080

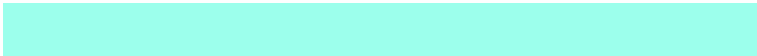


# Same Dimension

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



85C5B9



9CFFEC



85B2C5



5A6362



00A385



00241D



# Inverse Universe

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



C58591



FF9CAE



C59885



635A5B



A3001F

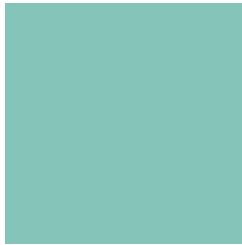


240007



# Previews

## White Background



This preview shows how the Hex color 85C5B9 looks on a white background.

## Color Contrast Check

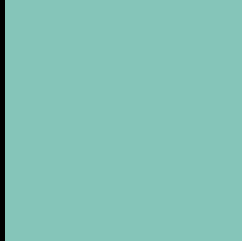
Large Text (above 18pt) WCAG AA × Fail

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 85C5B9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

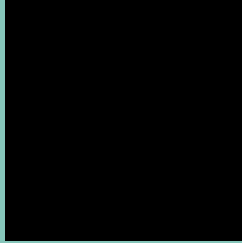
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

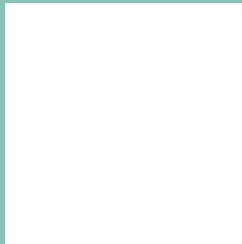
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 85C5B9 Background



This preview shows how black text looks on a background with the Hex color 85C5B9.



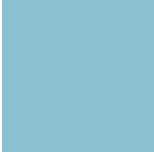
This preview shows how white text looks on a background with the Hex color 85C5B9.

# 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**  
8BC1D1

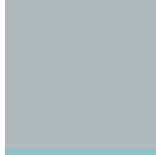
# Trichromacy



**Original Color**  
85C5B9



**Protanomaly**  
A9BCB4



**Deuteranomaly**  
B0B9BC



**Tritanomaly**  
89C2C8

# Monochromacy



**Original Color**  
85C5B9



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
A0B8B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85C5B9 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 #85C5B9 looks like.

```
.text, #text, p{  
    color:#85C5B9  
}
```

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 #85C5B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85C5B9
}
```

## Border

The CSS property to change the border of an element to Hex 85C5B9 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
#85C5B9 }
```

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

```
.border{ border-color:#85C5B9 }
```

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

Here you see how a box with a 4 pixel #85C5B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85C5B9; -webkit-box-shadow:4px 4px  
4px 4px #85C5B9; box-shadow:4px 4px 4px  
4px #85C5B9 }
```

# Background

The CSS property to change the background color of an element to Hex 85C5B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85C5B9 }
```

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

```
.background{ background-color:#85C5B9 }
```

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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