

# Converting Colors

Hex(85C0B8)

Have a look what the booklet for  
Hex(85C0B8) contains.

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**Color**

**Hex(85C0B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85C0B8
RGB	133, 192, 184
RGB Percent	52%, 75%, 72%
CMY	0.4784, 0.2471, 0.2784
CMYK	0.31, 0.00, 0.04, 0.25
HSL	172°, 32%, 64%
HSV	172°, 31%, 75%
XYZ	37.1742, 46.1465, 52.2953
YIQ	173.4470, -32.5960, -14.9960

# Conversions

## Conversions Part 2

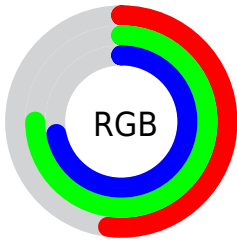
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 165, 192
Decimal	8765624
CIE <sub>Lab</sub>	73.64, -20.73, -2.07
CIE <sub>LCh</sub>	74, 20.830, 185.713
Yxy	46.1465, 0.2741, 0.3403
Android (android.graphics.Color)	4286955704 (0xFF85C0B8)
YUV	173.4470, 5.2026, -35.4720
Hunter-Lab	67.9312, -21.1985, 1.9088

# Details

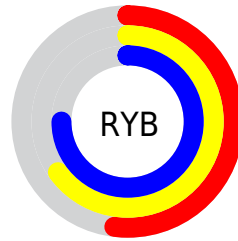
The Hex color **85C0B8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C0858D**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **BCF9F0**, and **518A83** is the 20% darker color. If you saturate the color by 10%, you get **72C0B5**, and if you desaturate by 10%, it is **98C0BB**.

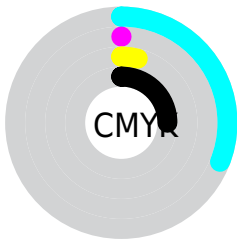
# Distribution



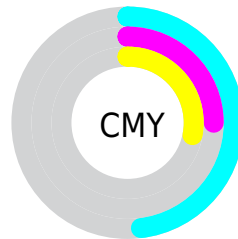
- Red (52%)
- Green (75%)
- Blue (72%)



- Red (52%)
- Yellow (65%)
- Blue (75%)



- Cyan (31%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)



- Cyan (48%)
- Magenta (25%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85C0B8 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 85C0B8 by changing the saturation by 10% instead.



 85C0B8

 85C0B8

FFFFFF

 6BA59D

 BCF9F0

 518A83

 D8FFFF

 37716A

 F5FFFF

 1C5852

 00403B

 002A25

 001610

 000000

 85C0B8

 85C0B8

 72C0B5

 98C0BB

 5FC0B3

 ABC0BD

 4BC0B0

 BFC0C0

 38C0AE

 D2C0C2

 25C0AB

 E5C0C5

 12C0A8

 F8C0C8

 00C0A6

 FFC0CA

 FFC0CD

 FFC0CF

# Harmonies

## Analogous

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



95BEA5



85C0B8



81BFCA

# Triad

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



85C0B8



BDAFD4



D1AE93

# Complementary

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



85C0B8



C0858D

# 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.



DBA99F



85C0B8



D1AAC5

# Square

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



85C0B8



A4B5DB



DCA7B2



C0B58F

# Rectangle

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



85C0B8



87BDD4



DCA7B2



D6AD96



# Sweetspot

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



85C0B8



E3FAF7



8EC085



6F7D7B



FCFCFC



7D7D7D

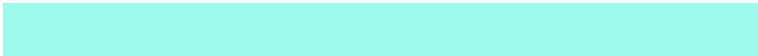


# Same Dimension

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



85C0B8



9DFAED



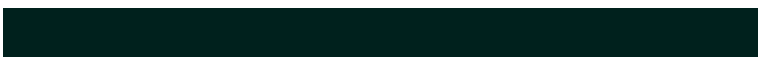
85ABC0



576160



00A18B



00211D



# Inverse Universe

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



C0858D



FA9DAA



C09A85



615759



A10016

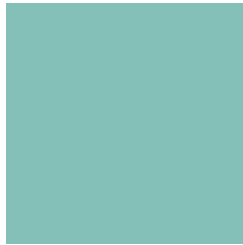


210004



# Previews

## White Background



This preview shows how the Hex color 85C0B8 looks on a white background.

## Color Contrast Check

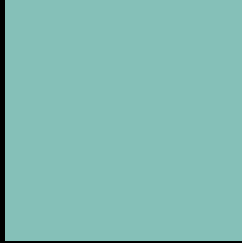
Large Text (above 18pt) WCAG AA × Fail

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 85C0B8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

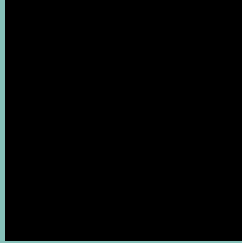
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

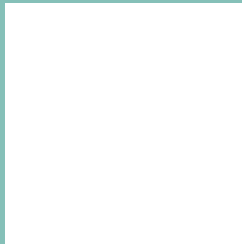
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 85C0B8 Background



This preview shows how black text looks on a background with the Hex color 85C0B8.



This preview shows how white text looks on a background with the Hex color 85C0B8.

# Color Blindness Simulation

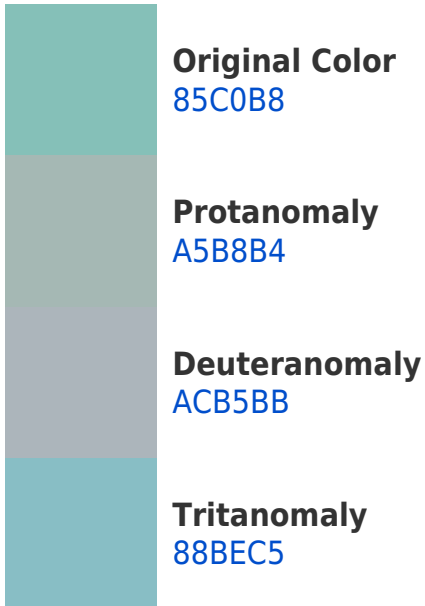
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

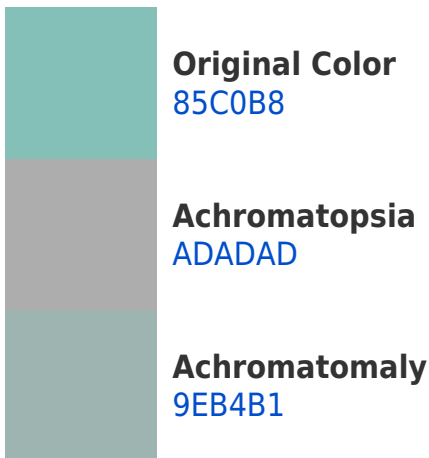




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85C0B8 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 #85C0B8 looks like.

```
.text, #text, p{  
    color:#85C0B8  
}
```

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 #85C0B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85C0B8
}
```

## Border

The CSS property to change the border of an element to Hex 85C0B8 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
#85C0B8 }
```

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

```
.border{ border-color:#85C0B8 }
```

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

Here you see how a box with a 4 pixel #85C0B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85C0B8; -webkit-box-shadow:4px 4px  
4px 4px #85C0B8; box-shadow:4px 4px 4px  
4px #85C0B8 }
```

# Background

The CSS property to change the background color of an element to Hex 85C0B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85C0B8 }
```

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

```
.background{ background-color:#85C0B8 }
```

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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