

Converting Colors

Hex(83C8CE)

Have a look what the booklet for
Hex(83C8CE) contains.

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Color

Hex(83C8CE)

Conversions

Conversions Part 1

Format	Color
Hex	83C8CE
RGB	131, 200, 206
RGB Percent	51%, 78%, 81%
CMY	0.4863, 0.2157, 0.1922
CMYK	0.36, 0.03, 0.00, 0.19
HSL	185°, 43%, 66%
HSV	185°, 36%, 81%
XYZ	41.1549, 50.5901, 65.9883
YIQ	180.0530, -43.0500, -12.7620

Conversions

Conversions Part 2

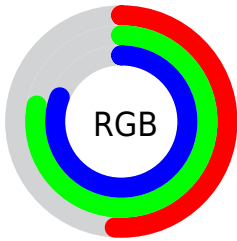
Format	Color
RYB	131, 167, 206
Decimal	8636622
CIELab	76.43, -20.14, -9.89
CIELCh	76, 22.436, 206.154
Yxy	50.5901, 0.2609, 0.3207
Android (android.graphics.Color)	4286826702 (0xFF83C8CE)
YUV	180.0530, 12.7919, -43.0195
Hunter-Lab	71.1267, -21.1891, -5.2180

Details

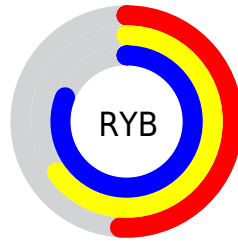
The Hex color **83C8CE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CE8983**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **BBFFFF**, and **4D9298** is the 20% darker color. If you saturate the color by 10%, you get **6EC6CE**, and if you desaturate by 10%, it is **98CACE**.

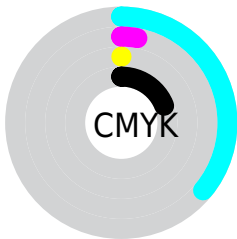
Distribution



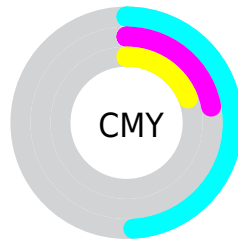
- Red (51%)
- Green (78%)
- Blue (81%)



- Red (51%)
- Yellow (65%)
- Blue (81%)



- Cyan (36%)
- Magenta (3%)
- Yellow (0%)
- Black (19%)



- Cyan (49%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83C8CE 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 83C8CE by changing the saturation by 10% instead.

 83C8CE

 83C8CE


FFFFFF

 68ADB3

 BBFFFF

 4D9298

 D7FFFF

 31787E

 F5FFFF

 0E5F65

 00474D

 003036

 001D21

 000009

 000000

 83C8CE

 83C8CE

 6EC6CE

 98CACE

 5AC5CE

 ACCBCE

 45C3CE

 C1CDCE

 31C1CE

 D5CFCE

 1CC0CE

 EAD0CE

 07BECE

 FFD2CE

 00BECE

 FFD4CE

 FFD5CE

 FFD7CE

Harmonies

Analogous

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



8DC8B9



83C8CE



8AC5DE

Triad

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



83C8CE



D5B2D4



CFBA93

Complementary

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



83C8CE



CE8983

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.



E0B49B



83C8CE



E4AEC0

Square

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



83C8CE



BDB8E2



E7AFAB



B9C197

Rectangle

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



83C8CE



98C1E4



E7AFAB



D5B895

Sweetspot

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



83C8CE



E3FDFF



83CE88



6F7E80



000000



808080

Same Dimension

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



83C8CE



8FF6FF



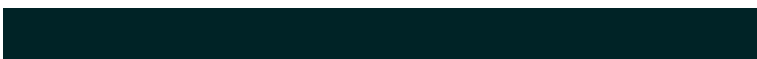
83A4CE



5C6566



0098A6



002326

Inverse Universe

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



CE83C8



FF8FF6



CEAE83



665C65



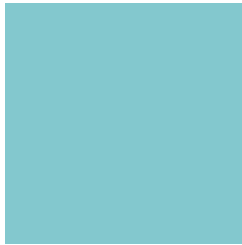
A60098



260023

Previews

White Background



This preview shows how the Hex color 83C8CE looks on a white background.

Color Contrast Check

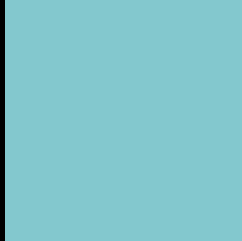
Large Text (above 18pt) WCAG AA × Fail

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 83C8CE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

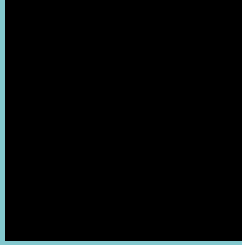
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

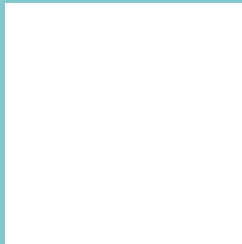
Any Text WCAG AAA ✓ Pass

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

Hex 83C8CE Background



This preview shows how black text looks on a background with the Hex color 83C8CE.



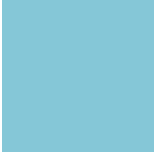
This preview shows how white text looks on a background with the Hex color 83C8CE.

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](#).

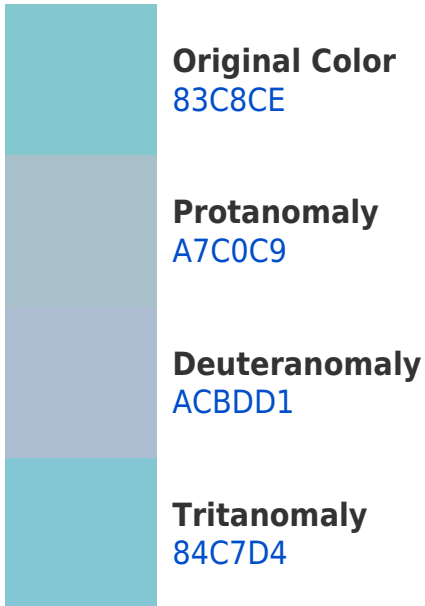
Dichromacy





Tritanopia
85C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83C8CE 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 #83C8CE looks like.

```
.text, #text, p{  
    color:#83C8CE  
}
```

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 #83C8CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83C8CE
}
```

Border

The CSS property to change the border of an element to Hex 83C8CE 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
#83C8CE }
```

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

```
.border{ border-color:#83C8CE }
```

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

Here you see how a box with a 4 pixel #83C8CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83C8CE; -webkit-box-shadow:4px 4px  
4px 4px #83C8CE; box-shadow:4px 4px 4px  
4px #83C8CE }
```

Background

The CSS property to change the background color of an element to Hex 83C8CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83C8CE }
```

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

```
.background{ background-color:#83C8CE }
```

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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