

Converting Colors

Hex(83C9C3)

Have a look what the booklet for
Hex(83C9C3) contains.

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Color

Hex(83C9C3)

Conversions

Conversions Part 1

Format	Color
Hex	83C9C3
RGB	131, 201, 195
RGB Percent	51%, 79%, 76%
CMY	0.4863, 0.2118, 0.2353
CMYK	0.35, 0.00, 0.03, 0.21
HSL	175°, 39%, 65%
HSV	175°, 35%, 79%
XYZ	40.0970, 50.5387, 59.2714
YIQ	179.3860, -39.7940, -16.7060

Conversions

Conversions Part 2

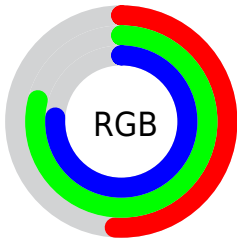
Format	Color
RYB	131, 168, 201
Decimal	8636867
CIELab	76.40, -23.27, -3.99
CIELCh	76, 23.613, 189.738
Yxy	50.5387, 0.2675, 0.3371
Android (android.graphics.Color)	4286826947 (0xFF83C9C3)
YUV	179.3860, 7.6977, -42.4345
Hunter-Lab	71.0906, -23.7296, 0.3307

Details

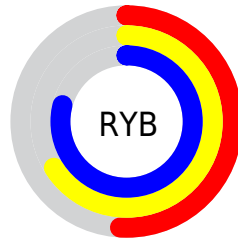
The Hex color **83C9C3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C98389**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **BAFFFB**, and **4D938D** is the 20% darker color. If you saturate the color by 10%, you get **6FC9C1**, and if you desaturate by 10%, it is **97C9C5**.

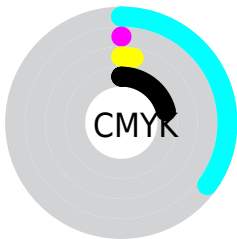
Distribution



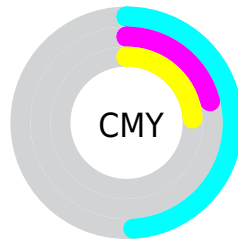
- Red (51%)
- Green (79%)
- Blue (76%)



- Red (51%)
- Yellow (66%)
- Blue (79%)



- Cyan (35%)
- Magenta (0%)
- Yellow (3%)
- Black (21%)



- Cyan (49%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83C9C3 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 83C9C3 by changing the saturation by 10% instead.

 83C9C3

 83C9C3

FFFFFF

 68AEA8

 BAFFFB

 4D938D

 D7FFFF

 327974

 F4FFFF

 12605B

 004844

 00312E

 001E19

 000000

 83C9C3

 83C9C3

 6FC9C1

 97C9C5

 5BC9C0

 ABC9C6

 47C9BE

 BFC9C8

 33C9BC

 D3C9CA

 1FC9BA

 E8C9CC

 0AC9B9

 FCC9CD

 00C9B8

 FFC9CF

 FFC9D1

 FFC9D3

Harmonies

Analogous

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



95C8AD



83C9C3



80C7D8

Triad

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



83C9C3



C9B4DE



DAB694

Complementary

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



83C9C3



C98389

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.



E7B0A2



83C9C3



DFAFCC

Square

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



83C9C3



ACBCE7



E9ADB6



C6BD91

Rectangle

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



83C9C3



89C5E1



E9ADB6



DFB498

Sweetspot

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



83C9C3



E6FFFD



8AC983



70807E



000000



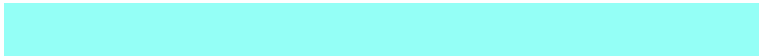
808080

Same Dimension

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



83C9C3



94FFF6



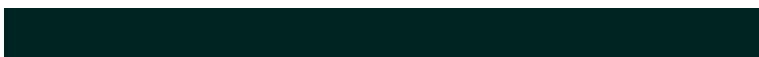
83ADC9



5A6363



00A395



002421

Inverse Universe

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



C98389



FF949D



C99F83



635A5A



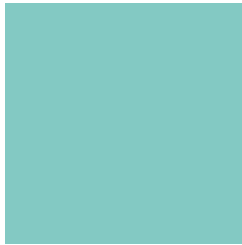
A3000E



240003

Previews

White Background



This preview shows how the Hex color 83C9C3 looks on a white background.

Color Contrast Check

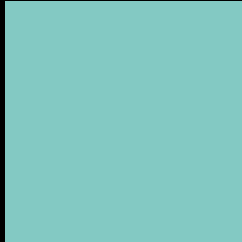
Large Text (above 18pt) WCAG AA × Fail

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 83C9C3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

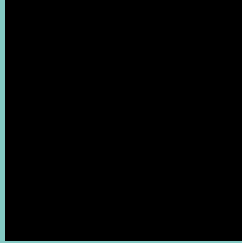
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

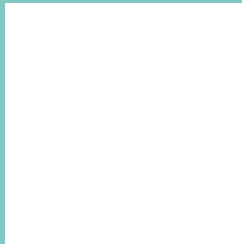
Any Text WCAG AAA ✓ Pass

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

Hex 83C9C3 Background



This preview shows how black text looks on a background with the Hex color 83C9C3.



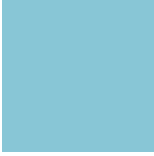
This preview shows how white text looks on a background with the Hex color 83C9C3.

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
88C6D6

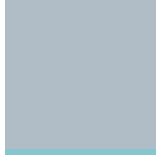
Trichromacy



Original Color
83C9C3



Protanomaly
A9C0BE



Deuteranomaly
B0BDC6

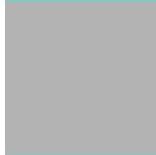


Tritanomaly
86C7CF

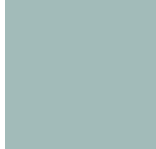
Monochromacy



Original Color
83C9C3



Achromatopsia
B3B3B3



Achromatomaly
A2BBB9

CSS Examples

Text

The CSS property to change the color of the text to Hex 83C9C3 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 #83C9C3 looks like.

```
.text, #text, p{  
    color:#83C9C3  
}
```

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 #83C9C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83C9C3
}
```

Border

The CSS property to change the border of an element to Hex 83C9C3 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
#83C9C3 }
```

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

```
.border{ border-color:#83C9C3 }
```

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

Here you see how a box with a 4 pixel #83C9C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83C9C3; -webkit-box-shadow:4px 4px  
4px 4px #83C9C3; box-shadow:4px 4px 4px  
4px #83C9C3 }
```

Background

The CSS property to change the background color of an element to Hex 83C9C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83C9C3 }
```

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

```
.background{ background-color:#83C9C3 }
```

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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