

Converting Colors

Hex(89C5C0)

Have a look what the booklet for
Hex(89C5C0) contains.

Hex(89C5C0)	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(89C5C0)

Conversions

Conversions Part 1

Format	Color
Hex	89C5C0
RGB	137, 197, 192
RGB Percent	54%, 77%, 75%
CMY	0.4627, 0.2275, 0.2471
CMYK	0.30, 0.00, 0.03, 0.23
HSL	175°, 34%, 65%
HSV	175°, 30%, 77%
XYZ	39.7972, 49.0566, 57.2405
YIQ	178.4900, -34.1550, -14.2750

Conversions

Conversions Part 2

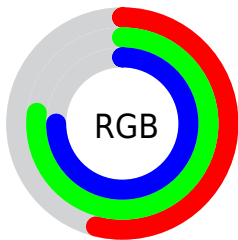
Format	Color
RYB	137, 168, 197
Decimal	9029056
CIELab	75.49, -20.28, -3.68
CIELCh	75, 20.610, 190.285
Yxy	49.0566, 0.2724, 0.3358
Android (android.graphics.Color)	4287219136 (0xFF89C5C0)
YUV	178.4900, 6.6604, -36.3867
Hunter-Lab	70.0404, -21.1465, 0.5736

Details

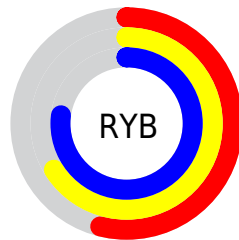
The Hex color **89C5C0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C5898E**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **C0FEF8**, and **548F8B** is the 20% darker color. If you saturate the color by 10%, you get **75C5BE**, and if you desaturate by 10%, it is **9DC5C2**.

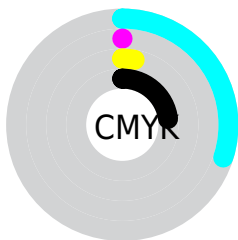
Distribution



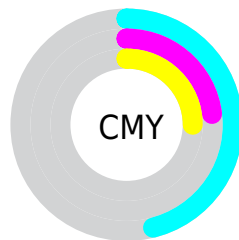
- Red (54%)
- Green (77%)
- Blue (75%)



- Red (54%)
- Yellow (66%)
- Blue (77%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (46%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89C5C0 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 89C5C0 by changing the saturation by 10% instead.

 89C5C0

 89C5C0

FFFFFF

 6EAAA5

 C0FEF8

 548F8B

 DDFFFF

 3A7571

 FAFFFF

 1F5C59

 004541

 002E2B

 001B17

 000000

 89C5C0

 89C5C0

 75C5BE

 9DC5C2

 62C5BD

 B0C5C3

 4EC5BB

 C4C5C5

 3AC5B9

 D8C5C7

 27C5B8

 ECC5C8

 13C5B6

 FFC5CA

 00C5B5

 FFC5CB

 FFC5CD

 FFC5CF

Harmonies

Analogous

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



98C4AD



89C5C0



87C3D2

Triad

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



89C5C0



C5B3D7



D4B497

Complementary

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



89C5C0



C5898E

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.



DFAFA2



89C5C0



D8AEC7

Square

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



89C5C0



ADB9DF



E1ADB4



C2BB95

Rectangle

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



89C5C0



8FC1DA



E1ADB4



D9B29A

Sweetspot

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



89C5C0



E8FFFD



8EC589



71807E



000000



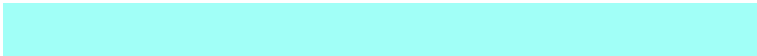
808080

Same Dimension

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



89C5C0



A1FFF7



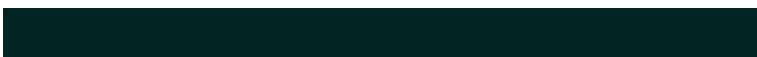
89ACC5



5A6363



00A396



002421

Inverse Universe

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



C5898E



FFA1A9



C5A289



635A5A



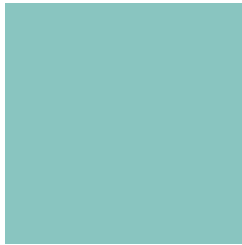
A3000E



240003

Previews

White Background



This preview shows how the Hex color 89C5C0 looks on a white background.

Color Contrast Check

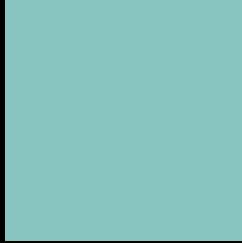
Large Text (above 18pt) WCAG AA × Fail

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 89C5C0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

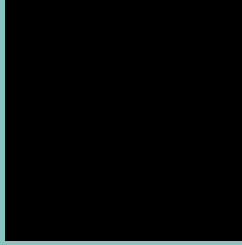
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

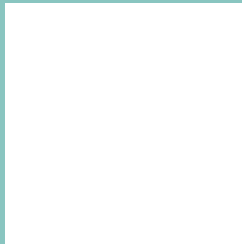
Any Text WCAG AAA ✓ Pass

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

Hex 89C5C0 Background



This preview shows how black text looks on a background with the Hex color 89C5C0.



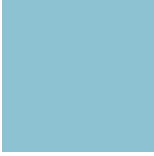
This preview shows how white text looks on a background with the Hex color 89C5C0.

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](#).

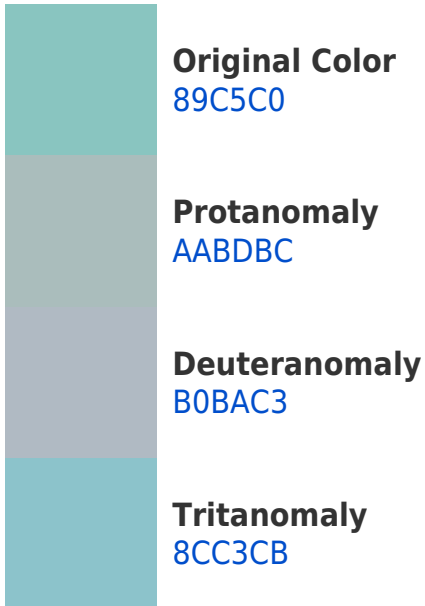
Dichromacy



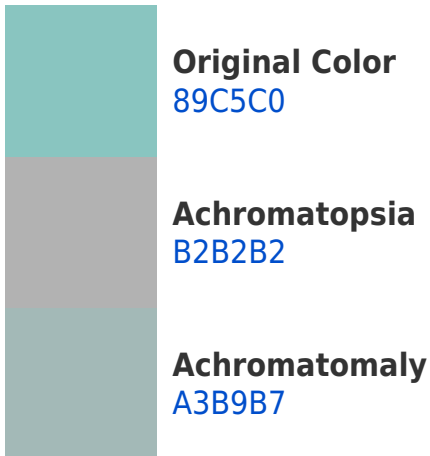


Tritanopia
8DC2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89C5C0 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 #89C5C0 looks like.

```
.text, #text, p{  
    color:#89C5C0  
}
```

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 #89C5C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89C5C0
}
```

Border

The CSS property to change the border of an element to Hex 89C5C0 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
#89C5C0 }
```

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

```
.border{ border-color:#89C5C0 }
```

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

Here you see how a box with a 4 pixel #89C5C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89C5C0; -webkit-box-shadow:4px 4px  
4px 4px #89C5C0; box-shadow:4px 4px 4px  
4px #89C5C0 }
```

Background

The CSS property to change the background color of an element to Hex 89C5C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89C5C0 }
```

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

```
.background{ background-color:#89C5C0 }
```

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