

Converting Colors

Hex(89CBC7)

Have a look what the booklet for
Hex(89CBC7) contains.

| | |
|--|----|
| Hex(89CBC7) | 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(89CBC7)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 89CBC7 |
| RGB | 137, 203, 199 |
| RGB Percent | 54%, 80%, 78% |
| CMY | 0.4627, 0.2039, 0.2196 |
| CMYK | 0.33, 0.00, 0.02, 0.20 |
| HSL | 176°, 39%, 67% |
| HSV | 176°, 33%, 80% |
| XYZ | 41.9813, 52.1538, 61.8869 |
| YIQ | 182.8100, -38.0520, -15.2360 |

Conversions

Conversions Part 2

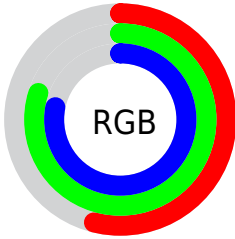
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 137, 171, 203 |
| Decimal | 9030599 |
| CIELab | 77.37, -21.69, -4.68 |
| CIELCh | 77, 22.187, 192.183 |
| Yxy | 52.1538, 0.2691, 0.3343 |
| Android (android.graphics.Color) | 4287220679 (0xFF89CBC7) |
| YUV | 182.8100, 7.9817, -40.1754 |
| Hunter-Lab | 72.2176, -22.6157, -0.2563 |

Details

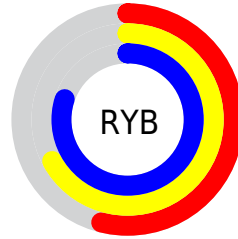
The Hex color **89CBC7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CB898D**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **C0FFFF**, and **549591** is the 20% darker color. If you saturate the color by 10%, you get **75CBC6**, and if you desaturate by 10%, it is **9DCBC8**.

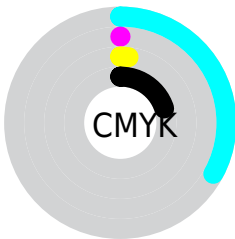
Distribution



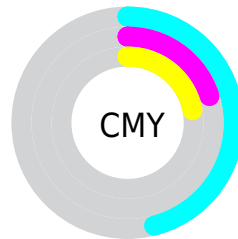
- Red (54%)
- Green (80%)
- Blue (78%)



- Red (54%)
- Yellow (67%)
- Blue (80%)



- Cyan (33%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (46%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89CBC7 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 89CBC7 by changing the saturation by 10% instead.



89CBC7



89CBC7

FFFFFF



6EAFAC



C0FFFF



549591



DDFFFF



397B78



FAFFFF



1C625F



004A47



003331



001F1C



000000



89CBC7



89CBC7

 75CBC6

 9DCBC8

 60CBC5

 B2CBC9

 4CCBC3

 C6CBCB

 38CBC2

 DACBCC

 24CBC1

 EFCBCD

 0FCBC0

 FFCBCE

 00CBBF

 FFCBD0

 FFCBD1

 FFCBD2

Harmonies

Analogous

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



98CAB2



89CBC7



88C9DA

Triad

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



89CBC7



CDB7DE



DABA98

Complementary

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



89CBC7



CB898D

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.



E7B4A4



89CBC7



E1B2CC

Square

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



89CBC7



B2BEE7



EAB1B7



C6C097

Rectangle

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



89CBC7



91C6E3



EAB1B7



DFB79B

Sweetspot

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



89CBC7



E6FFFD



8DCB89



70807F



000000



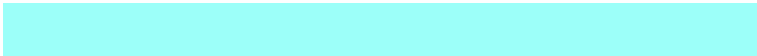
808080

Same Dimension

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



89CBC7



9CFFF9



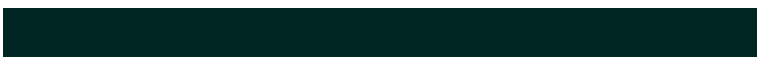
89AECB



5C6665



00A69C



002624

Inverse Universe

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



CB898D



FF9CA2



CBA689



665C5C



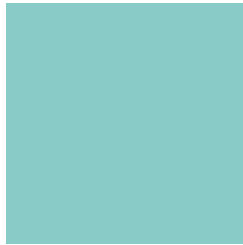
A6000A



260002

Previews

White Background



This preview shows how the Hex color 89CBC7 looks on a white background.

Color Contrast Check

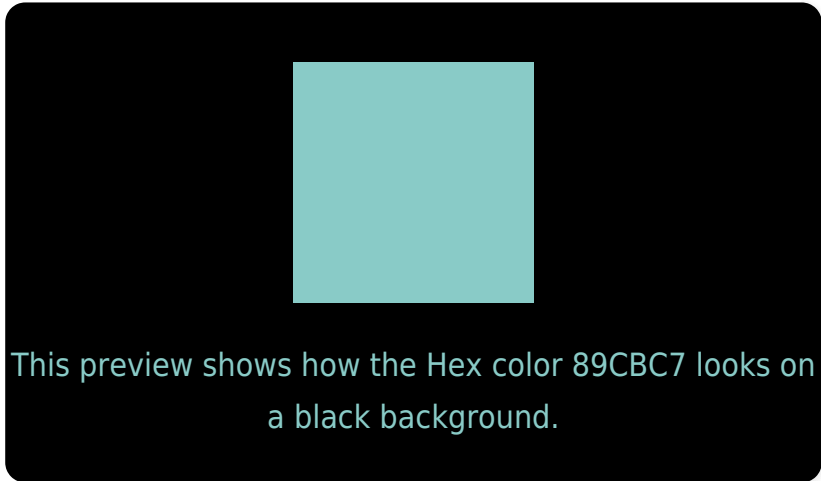
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

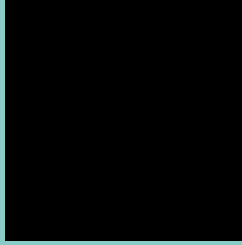
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

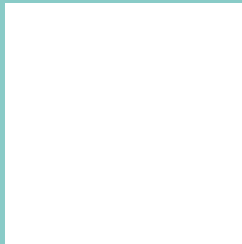
Any Text WCAG AAA ✓ Pass

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

Hex 89CBC7 Background



This preview shows how black text looks on a background with the Hex color 89CBC7.



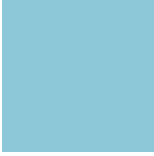
This preview shows how white text looks on a background with the Hex color 89CBC7.

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
8DC8D8

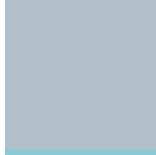
Trichromacy



Original Color
89CBC7



Protanomaly
ADC2C2



Deuteranomaly
B3C0CA

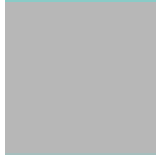


Tritanomaly
8CC9D2

Monochromacy



Original Color
89CBC7



Achromatopsia
B7B7B7



Achromatomaly
A6BEBD

CSS Examples

Text

The CSS property to change the color of the text to Hex 89CBC7 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 #89CBC7 looks like.

```
.text, #text, p{  
    color:#89CBC7  
}
```

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 #89CBC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89CBC7  
}
```

Border

The CSS property to change the border of an element to Hex 89CBC7 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  
#89CBC7 }
```

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

```
.border{ border-color:#89CBC7 }
```

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

Here you see how a box with a 4 pixel #89CBC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89CBC7; -webkit-box-shadow:4px 4px  
4px 4px #89CBC7; box-shadow:4px 4px 4px  
4px #89CBC7 }
```

Background

The CSS property to change the background color of an element to Hex 89CBC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89CBC7 }
```

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

```
.background{ background-color:#89CBC7 }
```

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