

Converting Colors

Hex(89C8CB)

Have a look what the booklet for
Hex(89C8CB) contains.

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Color

Hex(89C8CB)

Conversions

Conversions Part 1

Format	Color
Hex	89C8CB
RGB	137, 200, 203
RGB Percent	54%, 78%, 80%
CMY	0.4627, 0.2157, 0.2039
CMYK	0.33, 0.01, 0.00, 0.20
HSL	183°, 39%, 67%
HSV	183°, 33%, 80%
XYZ	41.7503, 50.9387, 64.1316
YIQ	181.5050, -38.5110, -12.4230

Conversions

Conversions Part 2

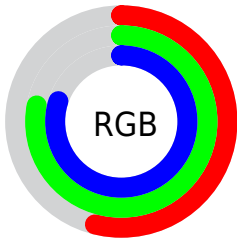
Format	Color
R _Y B	137, 169, 203
Decimal	9029835
CIE Lab	76.64, -19.24, -7.92
CIE LCh	77, 20.804, 202.382
Yxy	50.9387, 0.2662, 0.3248
Android (android.graphics.Color)	4287219915 (0xFF89C8CB)
YUV	181.5050, 10.5970, -39.0309
Hunter-Lab	71.3714, -20.4823, -3.3158

Details

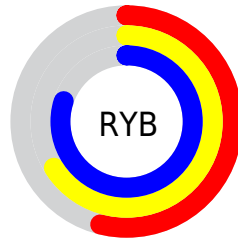
The Hex color **89C8CB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CB8C89**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **C0FFFF**, and **549295** is the 20% darker color. If you saturate the color by 10%, you get **75C7CB**, and if you desaturate by 10%, it is **9DC9CB**.

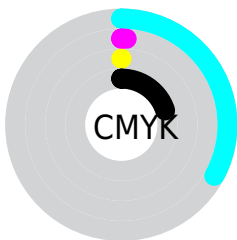
Distribution



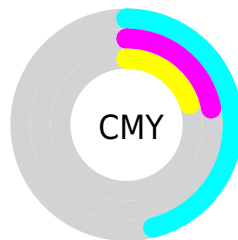
- Red (54%)
- Green (78%)
- Blue (80%)



- Red (54%)
- Yellow (66%)
- Blue (80%)



- Cyan (33%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 89C8CB 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 89C8CB by changing the saturation by 10% instead.

 89C8CB

 89C8CB

FFFFFF

 6EADB0

 C0FFFF

 549295

 DDFFFF

 39787B

 FAFFFF

 1C5F62

 00474B

 003034

 001D1F

 000005

 000000

 89C8CB

 89C8CB

 75C7CB

 9DC9CB

 60C6CB

 B2CACB

 4CC5CB

 C6CBCB

 38C4CB

 DACCCB

 24C3CB

 EFCDCB

 0FC2CB

 FFCECB

 00C2CB

 FFCFCB

 FFD0CB

Harmonies

Analogous

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



93C8B7



89C8CB



8EC5DB

Triad

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



89C8CB



D1B4D5



D1BA97

Complementary

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



89C8CB



CB8C89

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.



DFB49F



89C8CB



E1B0C3

Square

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



89C8CB



BABAE1



E5B0AF



BDC099

Rectangle

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



89C8CB



99C2E1



E5B0AF



D6B899

Sweetspot

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



89C8CB



E6FEFF



89CB8B



707F80



000000



808080

Same Dimension

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



89C8CB



9CFAFF



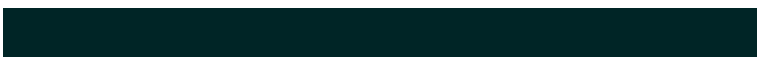
89A8CB



5C6666



009EA6



002526

Inverse Universe

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



CB89C8



FF9CFA



CBAC89



665C66



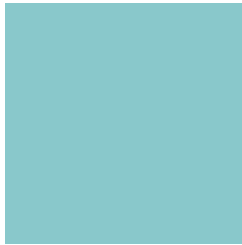
A6009E



260025

Previews

White Background



This preview shows how the Hex color 89C8CB looks on a white background.

Color Contrast Check

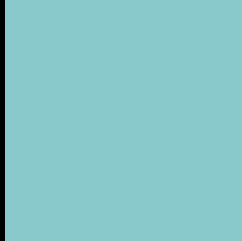
Large Text (above 18pt) WCAG AA × Fail

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 89C8CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

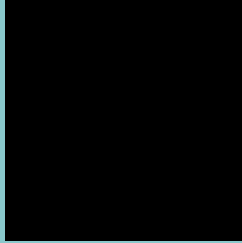
Any Text WCAG AA ✓ Pass

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 89C8CB Background



This preview shows how black text looks on a background with the Hex color 89C8CB.



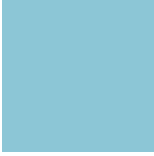
This preview shows how white text looks on a background with the Hex color 89C8CB.

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
8CC6D6

Trichromacy



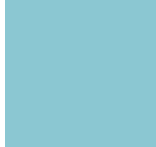
Original Color
89C8CB



Protanomaly
ABC0C6



Deuteranomaly
B0BDCE

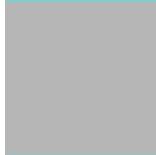


Tritanomaly
8BC7D2

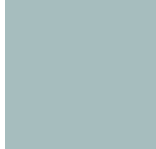
Monochromacy



Original Color
89C8CB



Achromatopsia
B6B6B6



Achromatomaly
A6BDBE

CSS Examples

Text

The CSS property to change the color of the text to Hex 89C8CB 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 #89C8CB looks like.

```
.text, #text, p{  
    color:#89C8CB  
}
```

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 #89C8CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89C8CB
}
```

Border

The CSS property to change the border of an element to Hex 89C8CB 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
#89C8CB }
```

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

```
.border{ border-color:#89C8CB }
```

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

Here you see how a box with a 4 pixel #89C8CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89C8CB; -webkit-box-shadow:4px 4px  
4px 4px #89C8CB; box-shadow:4px 4px 4px  
4px #89C8CB }
```

Background

The CSS property to change the background color of an element to Hex 89C8CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89C8CB }
```

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

```
.background{ background-color:#89C8CB }
```

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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