

Converting Colors

Hex(88CBCB)

Have a look what the booklet for
Hex(88CBCB) contains.

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Color

Hex(88CBCB)

Conversions

Conversions Part 1

Format	Color
Hex	88CBCB
RGB	136, 203, 203
RGB Percent	53%, 80%, 80%
CMY	0.4667, 0.2039, 0.2039
CMYK	0.33, 0.00, 0.00, 0.20
HSL	180°, 39%, 66%
HSV	180°, 33%, 80%
XYZ	42.2888, 52.2579, 64.3578
YIQ	182.9670, -39.9320, -14.2040

Conversions

Conversions Part 2

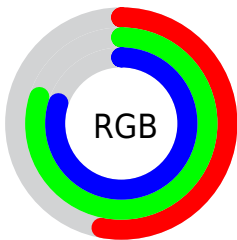
Format	Color
RYB	136, 170, 203
Decimal	8965067
CIELab	77.43, -21.03, -6.75
CIELCh	77, 22.085, 197.800
Yxy	52.2579, 0.2661, 0.3289
Android (android.graphics.Color)	4287155147 (0xFF88CBCB)
YUV	182.9670, 9.8763, -41.1901
Hunter-Lab	72.2896, -22.0860, -2.1818

Details

The Hex color **88CBCB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CB8888**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **C0FFFF**, and **529595** is the 20% darker color. If you saturate the color by 10%, you get **74CBCB**, and if you desaturate by 10%, it is **9CCBCB**.

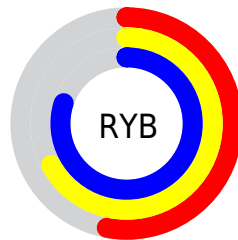
Distribution



Red (53%)

Green (80%)

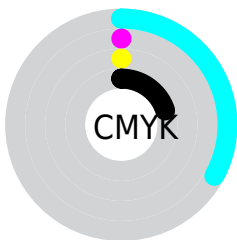
Blue (80%)



Red (53%)

Yellow (67%)

Blue (80%)

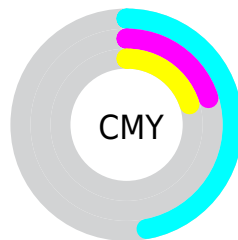


Cyan (33%)

Magenta (0%)

Yellow (0%)

Black (20%)



Cyan (47%)

Magenta (20%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88CBCB 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 88CBCB by changing the saturation by 10% instead.

 88CBCB

 88CBCB

FFFFFF

 6DAFB0

 C0FFFF

 529595

 DCFFFF

 377B7B

 F9FFFF

 1A6262

 004A4B

 003334

 001F1F

 000006

 000000

 88CBCB

 88CBCB

 74CBCB

 9CCBCB

 5FCBCB

 B1CBCB

 4BCBCB

 C5CBCB

 37CBCB

 D9CBCB

 23CBCB

 EECBCB

 0ECBCB

 FFCBCB

 00CBCB

Harmonies

Analogous

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



95CBB6



88CBCB



8AC9DD

Triad

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



88CBCB



D1B6DB



D7BB98

Complementary

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



88CBCB



CB8888

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.



E5B5A2



88CBCB



E3B2C9

Square

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



88CBCB



B8BDE6



EAB1B4



C2C298

Rectangle

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



88CBCB



95C6E5



EAB1B4



DDB99A

Sweetspot

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



88CBCB



E6FFFF



88CB88



708080



000000



808080

Same Dimension

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



88CBCB



99FFFF



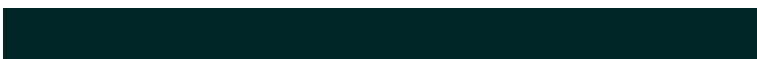
88AACB



5C6666



00A6A6



002626

Inverse Universe

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



CB88CB



FF99FF



CBA888



665C66



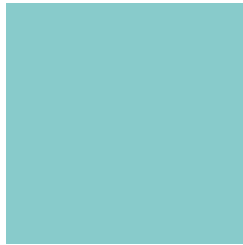
A600A6



260026

Previews

White Background



This preview shows how the Hex color 88CBCB looks on a white background.

Color Contrast Check

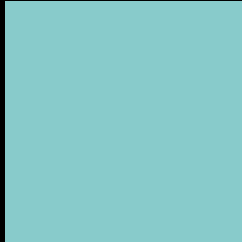
Large Text (above 18pt) WCAG AA × Fail

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 88CBCB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

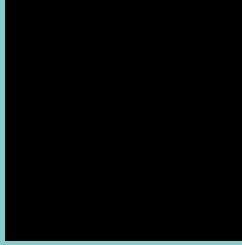
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

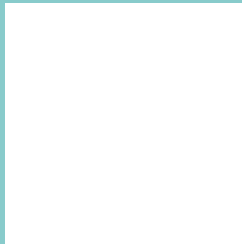
Any Text WCAG AAA ✓ Pass

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

Hex 88CBCB Background



This preview shows how black text looks on a background with the Hex color 88CBCB.

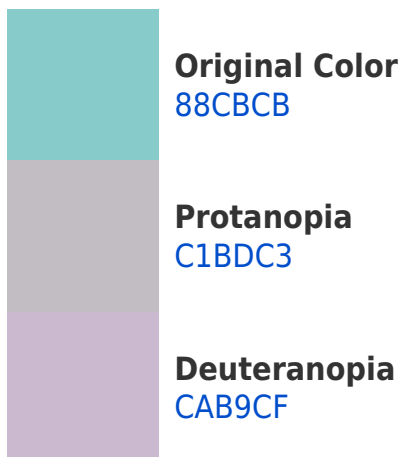


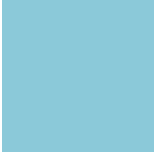
This preview shows how white text looks on a background with the Hex color 88CBCB.

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
8BC9D9

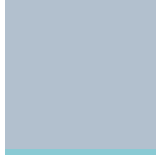
Trichromacy



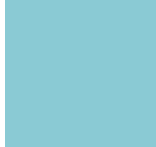
Original Color
88CBCB



Protanomaly
ACC2C6



Deuteranomaly
B2C0CE

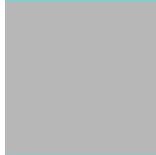


Tritanomaly
8ACAD4

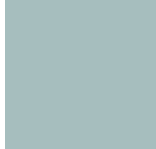
Monochromacy



Original Color
88CBCB



Achromatopsia
B7B7B7



Achromatomaly
A6BEBE

CSS Examples

Text

The CSS property to change the color of the text to Hex 88CBCB 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 #88CBCB looks like.

```
.text, #text, p{  
    color:#88CBCB  
}
```

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 #88CBCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88CBCB
}
```

Border

The CSS property to change the border of an element to Hex 88CBCB 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
#88CBCB }
```

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

```
.border{ border-color:#88CBCB }
```

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

Here you see how a box with a 4 pixel #88CBCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88CBCB; -webkit-box-shadow:4px 4px  
4px 4px #88CBCB; box-shadow:4px 4px 4px  
4px #88CBCB }
```

Background

The CSS property to change the background color of an element to Hex 88CBCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88CBCB }
```

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

```
.background{ background-color:#88CBCB }
```

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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