

# Converting Colors

Hex(82C4CC)

Have a look what the booklet for  
Hex(82C4CC) contains.

<b>Hex(82C4CC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(82C4CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82C4CC
RGB	130, 196, 204
RGB Percent	51%, 77%, 80%
CMY	0.4902, 0.2314, 0.2000
CMYK	0.36, 0.04, 0.00, 0.20
HSL	186°, 42%, 65%
HSV	186°, 36%, 80%
XYZ	39.8449, 48.5853, 64.4046
YIQ	177.1780, -41.9040, -11.5040

# Conversions

## Conversions Part 2

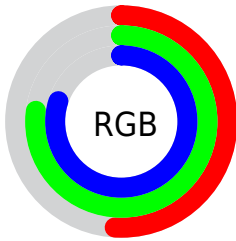
Format	Color
<a href="#">RYB</a>	<a href="#">130, 165, 204</a>
Decimal	<a href="#">8570060</a>
CIELab	<a href="#">75.19, -18.86, -10.66</a>
CIElCh	<a href="#">75, 21.665, 209.468</a>
Yxy	<a href="#">48.5853, 0.2607, 0.3179</a>
Android (android.graphics.Color)	<a href="#">4286760140</a> ( <a href="#">0xFF82C4CC</a> )
YUV	<a href="#">177.1780, 13.2232, -41.3751</a>
Hunter-Lab	<a href="#">69.7032, -19.9433, -5.9908</a>

# Details

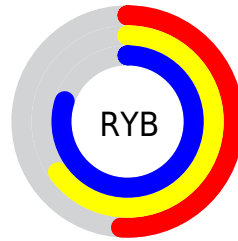
The Hex color **82C4CC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CC8A82**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **BAFDFF**, and **4C8E96** is the 20% darker color. If you saturate the color by 10%, you get **6EC2CC**, and if you desaturate by 10%, it is **96C6CC**.

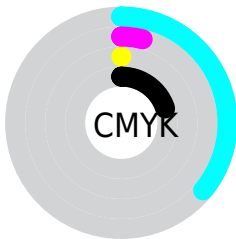
# Distribution



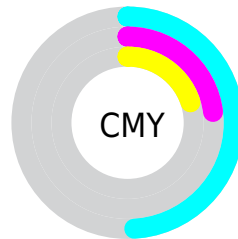
- Red (51%)
- Green (77%)
- Blue (80%)



- Red (51%)
- Yellow (65%)
- Blue (80%)



- Cyan (36%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (49%)
- Magenta (23%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82C4CC 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 82C4CC by changing the saturation by 10% instead.



 82C4CC

 82C4CC

FFFFFF

 67A9B1

 BAFDFF

 4C8E96

 D6FFFF

 30747C

 F3FFFF

 0F5C63

 00444B

 002D35

 001A1F

 000006

 000000

 82C4CC

 82C4CC

 6EC2CC

 96C6CC

 59C0CC

 ABC8CC

 45BDCC

 BFCBCC

 30BBCC

 D4CDCC

 1CB9CC

 E8CFCC

 08B7CC

 FCD1CC

 00B6CC

 FFD3CC

 FFD6CC

 FFD8CC

# Harmonies

## Analogous

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



8AC5B8



82C4CC



8BC1DB

# Triad

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



82C4CC



D3AECE



C9B891

# Complementary

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



82C4CC



CC8A82

# 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.



DAB197



82C4CC



E0ABBA

# Square

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



82C4CC



BCB4DC



E2ACA6



B3BE96

# Rectangle

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



82C4CC



99BDE0



E2ACA6



CFB592

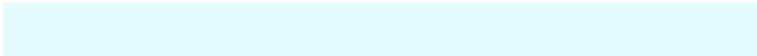


# Sweetspot

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



82C4CC



E3FCFF



82CC89



6F7E80



000000



808080



# Same Dimension

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



82C4CC



8FF3FF



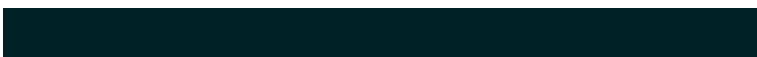
82A0CC



5C6566



0094A6



002226



# Inverse Universe

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



CC82C4



FF8FF3



CCA8E2



665C65



A60094

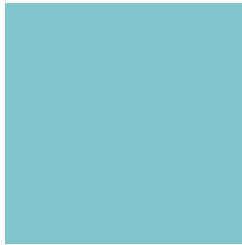


260022



# Previews

## White Background



This preview shows how the Hex color 82C4CC looks on a white background.

## Color Contrast Check

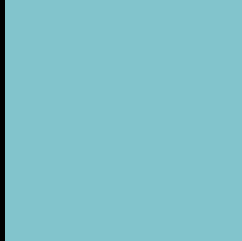
Large Text (above 18pt) WCAG AA × Fail

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 82C4CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

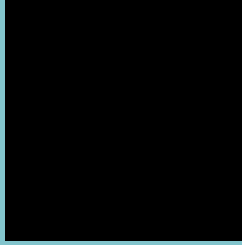
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

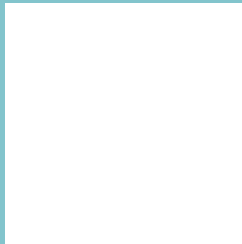
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 82C4CC Background



This preview shows how black text looks on a background with the Hex color 82C4CC.



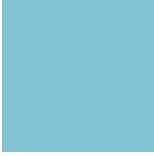
This preview shows how white text looks on a background with the Hex color 82C4CC.

# 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](#).

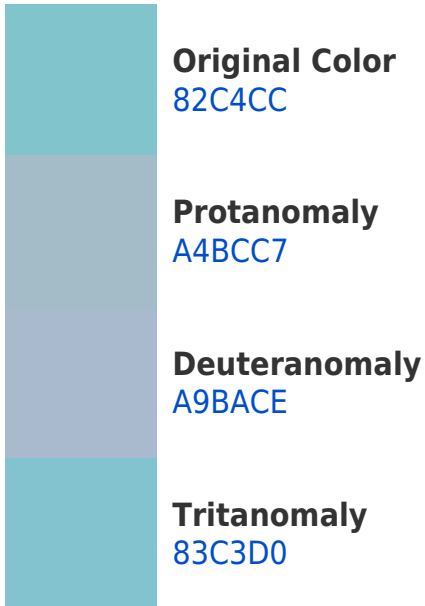
## Dichromacy



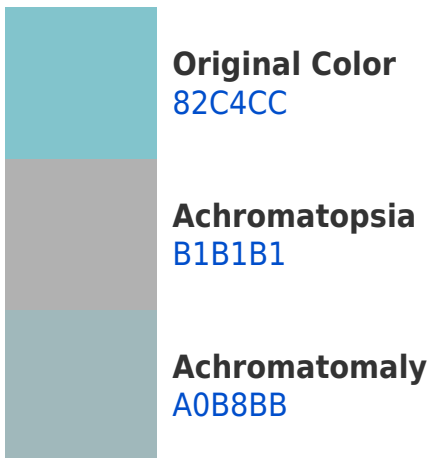


**Tritanopia**  
84C3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82C4CC 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 #82C4CC looks like.

```
.text, #text, p{  
    color:#82C4CC  
}
```

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 #82C4CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82C4CC  
}
```

## Border

The CSS property to change the border of an element to Hex 82C4CC 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  
#82C4CC }
```

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

```
.border{ border-color:#82C4CC }
```

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

Here you see how a box with a 4 pixel #82C4CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82C4CC; -webkit-box-shadow:4px 4px  
4px 4px #82C4CC; box-shadow:4px 4px 4px  
4px #82C4CC }
```

# Background

The CSS property to change the background color of an element to Hex 82C4CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82C4CC }
```

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

```
.background{ background-color:#82C4CC }
```

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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