

# Converting Colors

Hex(95C1CB)

Have a look what the booklet for  
Hex(95C1CB) contains.

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# **Color**

**Hex(95C1CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95C1CB
RGB	149, 193, 203
RGB Percent	58%, 76%, 80%
CMY	0.4157, 0.2431, 0.2039
CMYK	0.27, 0.05, 0.00, 0.20
HSL	191°, 34%, 69%
HSV	191°, 27%, 80%
XYZ	42.2439, 48.8413, 63.7007
YIQ	180.9840, -29.4340, -6.2180

# Conversions

## Conversions Part 2

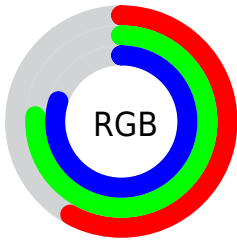
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 173, 203
Decimal	9814475
CIELab	75.35, -12.19, -9.77
CIELCh	75, 15.619, 218.713
Yxy	48.8413, 0.2729, 0.3155
Android (android.graphics.Color)	4288004555 (0xFF95C1CB)
YUV	180.9840, 10.8539, -28.0500
Hunter-Lab	69.8865, -14.4047, -5.1215

# Details

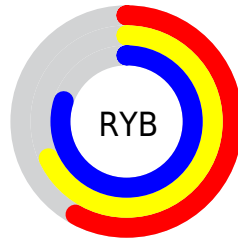
The Hex color **95C1CB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CB9F95**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **CCF9FF**, and **618B95** is the 20% darker color. If you saturate the color by 10%, you get **81BDCB**, and if you desaturate by 10%, it is **A9C5CB**.

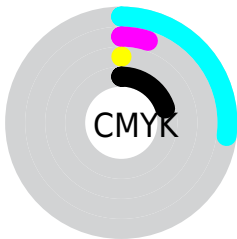
# Distribution



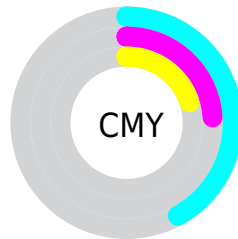
- Red (58%)
- Green (76%)
- Blue (80%)



- Red (58%)
- Yellow (68%)
- Blue (80%)



- Cyan (27%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (42%)
- Magenta (24%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95C1CB 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 95C1CB by changing the saturation by 10% instead.



 95C1CB

 95C1CB

FFFFFF

 7AA6B0

 CCF9FF

 618B95

 E9FFFF

 47727B

 2E5962

 14424A

 002C34

 00181F

 000004

 000000

 95C1CB

 95C1CB

 81BDCB

 A9C5CB

 6CB9CB

 BEC9CB

 58B6CB

 D2CCCB

 44B2CB

 E6D0CB

 30AECB

 FBD4CB

 1BAACB

 FFD8CB

 07A7CB

 FFD8CB

 00A5CB

 FFD8CB

 FFE3CB

# Harmonies

## Analogous

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



96C2BD



95C1CB



9EBED4

# Triad

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



95C1CB



D0B1C4



C1BA9D

# Complementary

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



95C1CB



CB9F95

# 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.



CFB59F



95C1CB



D8B0B6

# Square

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



95C1CB



C2B5D0



D7B1A8



B0BEA3

# Rectangle

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



95C1CB



A9BBD6



D7B1A8



C6B89D



# Sweetspot

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



95C1CB



EBFBFF



95CB9F



737D80



000000



808080

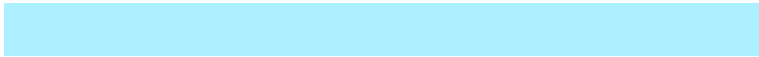


# Same Dimension

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



95C1CB



ADF0FF



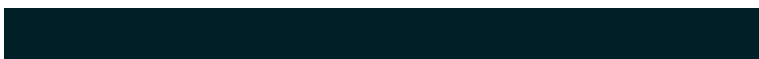
95A6CB



5C6466



0087A6



001F26



# Inverse Universe

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



CB95C1



FFADF0



CBBA95



665C64



A60087

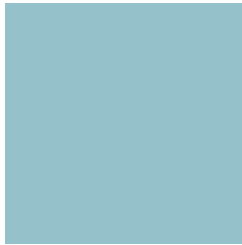


26001F



# Previews

## White Background



This preview shows how the Hex color 95C1CB looks on a white background.

## Color Contrast Check

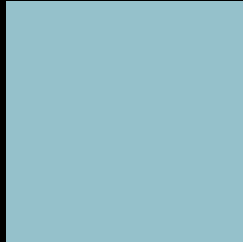
Large Text (above 18pt) WCAG AA × Fail

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 95C1CB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

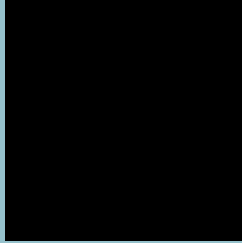
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

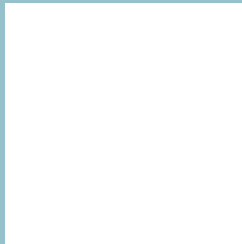
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 95C1CB Background



This preview shows how black text looks on a background with the Hex color 95C1CB.



This preview shows how white text looks on a background with the Hex color 95C1CB.

# 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](#).

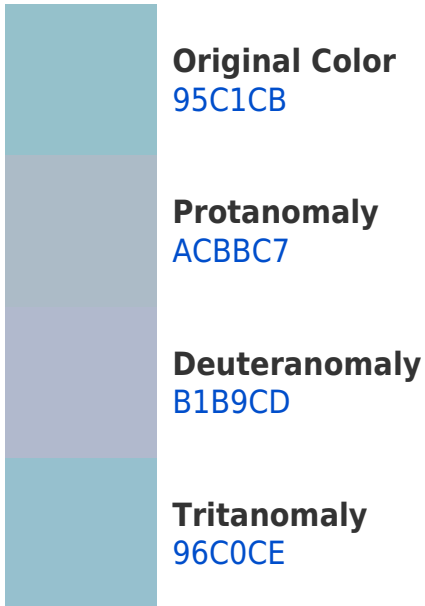
## Dichromacy



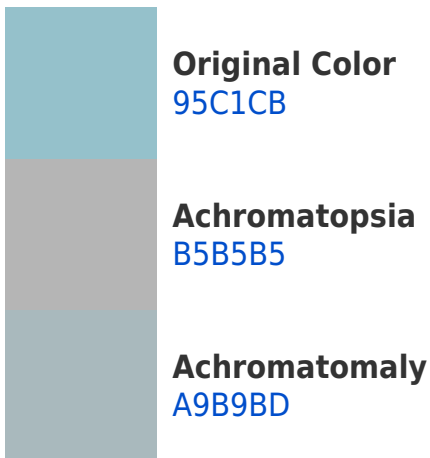


**Tritanopia**  
96C0D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95C1CB 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 #95C1CB looks like.

```
.text, #text, p{  
    color:#95C1CB  
}
```

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 #95C1CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95C1CB
}
```

## Border

The CSS property to change the border of an element to Hex 95C1CB 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
#95C1CB }
```

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

```
.border{ border-color:#95C1CB }
```

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

Here you see how a box with a 4 pixel #95C1CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95C1CB; -webkit-box-shadow:4px 4px  
4px 4px #95C1CB; box-shadow:4px 4px 4px  
4px #95C1CB }
```

# Background

The CSS property to change the background color of an element to Hex 95C1CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95C1CB }
```

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

```
.background{ background-color:#95C1CB }
```

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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