

# Converting Colors

Hex(95C4CD)

Have a look what the booklet for  
Hex(95C4CD) contains.

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# **Color**

**Hex(95C4CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95C4CD
RGB	149, 196, 205
RGB Percent	58%, 77%, 80%
CMY	0.4157, 0.2314, 0.1961
CMYK	0.27, 0.04, 0.00, 0.20
HSL	190°, 36%, 69%
HSV	190°, 27%, 80%
XYZ	43.1538, 50.2772, 65.1876
YIQ	182.9730, -30.9010, -7.1650

# Conversions

## Conversions Part 2

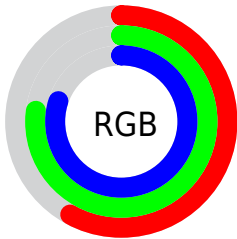
Format	Color
<a href="#">RYB</a>	<a href="#">149, 175, 205</a>
Decimal	<a href="#">9815245</a>
CIELab	<a href="#">76.24, -13.29, -9.53</a>
CIElCh	<a href="#">76, 16.353, 215.650</a>
Yxy	<a href="#">50.2772, 0.2721, 0.3170</a>
Android (android.graphics.Color)	<a href="#">4288005325 (0xFF95C4CD)</a>
YUV	<a href="#">182.9730, 10.8593, -29.7943</a>
Hunter-Lab	<a href="#">70.9064, -15.4507, -4.8736</a>

# Details

The Hex color **95C4CD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CD9E95**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **CCFDFF**, and **608E97** is the 20% darker color. If you saturate the color by 10%, you get **81C1CD**, and if you desaturate by 10%, it is **AAC7CD**.

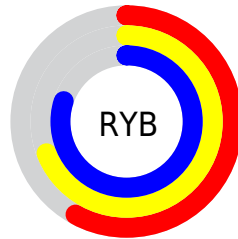
# Distribution



Red (58%)

Green (77%)

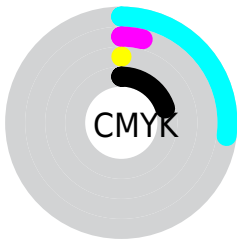
Blue (80%)



Red (58%)

Yellow (69%)

Blue (80%)

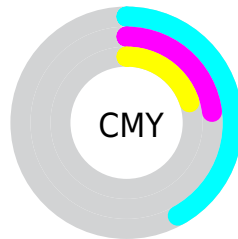


Cyan (27%)

Magenta (4%)

Yellow (0%)

Black (20%)



Cyan (42%)

Magenta (23%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95C4CD 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 95C4CD by changing the saturation by 10% instead.



 95C4CD

 95C4CD

FFFFFF

 7AA9B2

 CCFDFF

 608E97

 E9FFFF

 47757D

 2E5C64

 13444C

 002E35

 001A20

 000007

 000000

 95C4CD

 95C4CD

 81C1CD

 AAC7CD

 6CBDCD

 BECBCD

 58BACD

 D3CECD

 43B7CD

 E7D1CD

 2FB4CD

 FCD4CD

 1AB0CD

 FFD8CD

 06ADCD

 FFDBCD

 00ACCD

 FFDECD

 FFE2CD

# Harmonies

## Analogous

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



98C5BE



95C4CD



9EC1D7

# Triad

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



95C4CD



D2B3C9



C5BC9E

# Complementary

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



95C4CD



CD9E95

# 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.



D3B7A1



95C4CD



DBB2BA

# Square

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



95C4CD



C2B7D5



DBB3AB



B4C0A3

# Rectangle

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



95C4CD



A9BEDA



DBB3AB



CABA9E

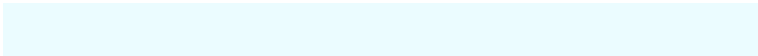


# Sweetspot

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



95C4CD



EBFCFF



95CD9D



737D80



000000



808080

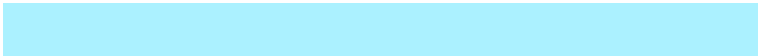


# Same Dimension

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



95C4CD



ABF1FF



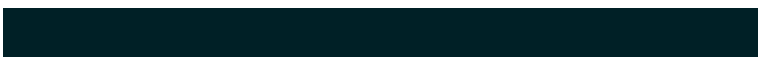
95A9CD



5C6466



008BA6



002026



# Inverse Universe

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



CD95C4



FFABF1



CDB995



665C64



A6008B

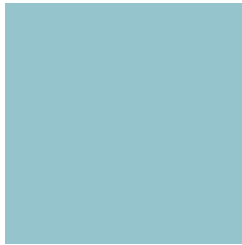


260020



# Previews

## White Background



This preview shows how the Hex color 95C4CD looks on a white background.

## Color Contrast Check

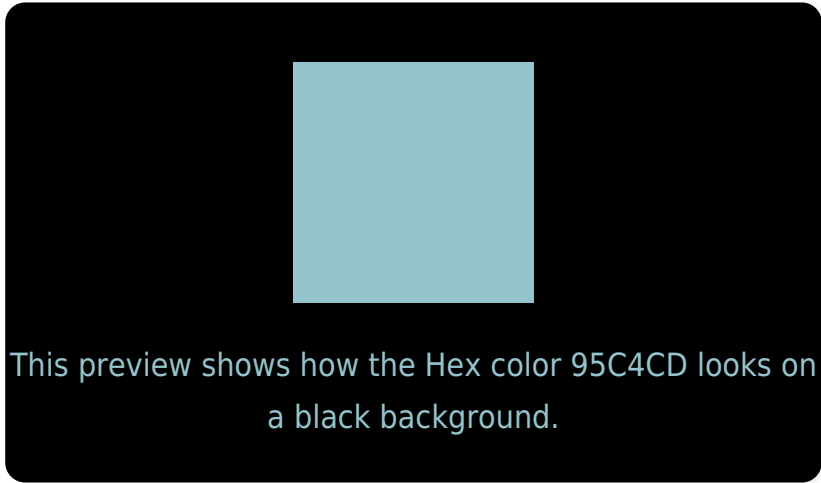
Large Text (above 18pt) WCAG AA × Fail

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

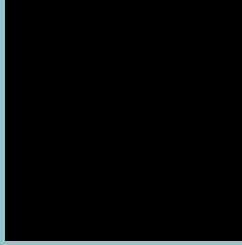
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

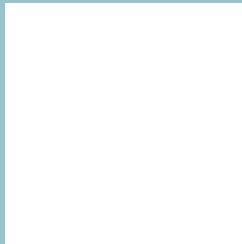
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 95C4CD Background



This preview shows how black text looks on a background with the Hex color 95C4CD.

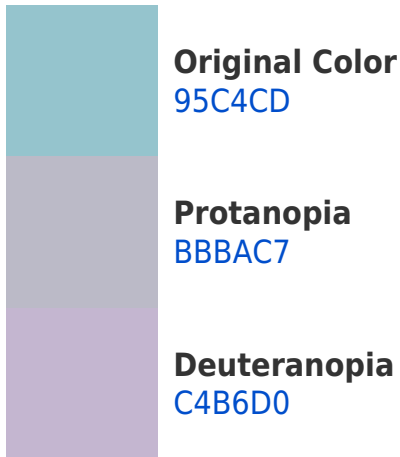


This preview shows how white text looks on a background with the Hex color 95C4CD.

# 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](#).

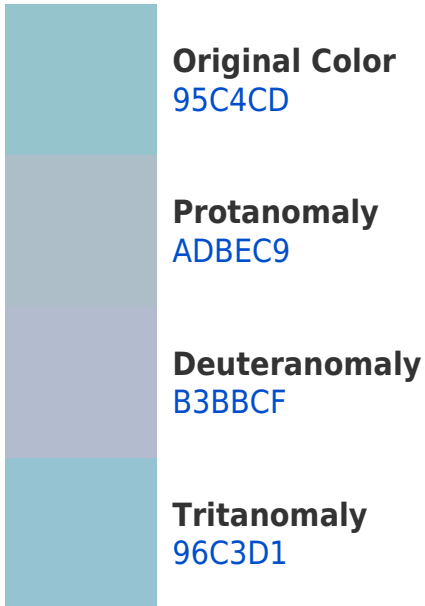
## Dichromacy



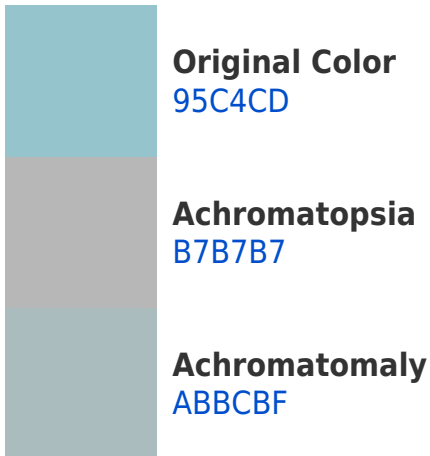


**Tritanopia**  
96C3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95C4CD 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 #95C4CD looks like.

```
.text, #text, p{  
    color:#95C4CD  
}
```

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 #95C4CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95C4CD
}
```

## Border

The CSS property to change the border of an element to Hex 95C4CD 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
#95C4CD }
```

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

```
.border{ border-color:#95C4CD }
```

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

Here you see how a box with a 4 pixel #95C4CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95C4CD; -webkit-box-shadow:4px 4px  
4px 4px #95C4CD; box-shadow:4px 4px 4px  
4px #95C4CD }
```

# Background

The CSS property to change the background color of an element to Hex 95C4CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95C4CD }
```

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

```
.background{ background-color:#95C4CD }
```

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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