

# Converting Colors

Hex(91CEC7)

Have a look what the booklet for  
Hex(91CEC7) contains.

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**Color**

**Hex(91CEC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91CEC7
RGB	145, 206, 199
RGB Percent	57%, 81%, 78%
CMY	0.4314, 0.1922, 0.2196
CMYK	0.30, 0.00, 0.03, 0.19
HSL	173°, 38%, 69%
HSV	173°, 30%, 81%
XYZ	44.0572, 54.2859, 62.1890
YIQ	186.9630, -34.1090, -15.1090

# Conversions

## Conversions Part 2

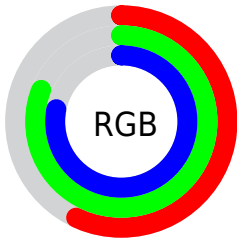
Format	Color
<a href="#">RYB</a>	<a href="#">145, 177, 206</a>
Decimal	<a href="#">9555655</a>
CIELab	<a href="#">78.63, -20.92, -2.79</a>
CIElCh	<a href="#">79, 21.108, 187.587</a>
Yxy	<a href="#">54.2859, 0.2744, 0.3382</a>
Android (android.graphics.Color)	<a href="#">4287745735</a> ( <a href="#">0xFF91CEC7</a> )
YUV	<a href="#">186.9630, 5.9342, -36.8016</a>
Hunter-Lab	<a href="#">73.6790, -22.2021, 1.5313</a>

# Details

The Hex color **91CEC7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CE9198**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **C8FFFF**, and **5C9891** is the 20% darker color. If you saturate the color by 10%, you get **7CCEC5**, and if you desaturate by 10%, it is **A6CEC9**.

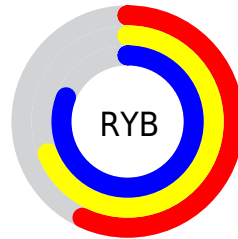
# Distribution



Red (57%)

Green (81%)

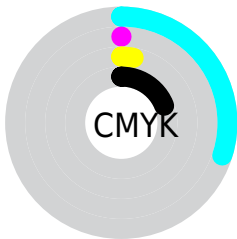
Blue (78%)



Red (57%)

Yellow (69%)

Blue (81%)

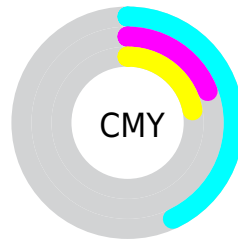


Cyan (30%)

Magenta (0%)

Yellow (3%)

Black (19%)



Cyan (43%)

Magenta (19%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91CEC7 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 91CEC7 by changing the saturation by 10% instead.



 91CEC7

 91CEC7

FFFFFF

 76B2AC

 C8FFFF

 5C9891

 E5FFFF

 427D78

 28645F

 074C47

 003531

 00201C

 000001

 000000

91CEC7

91CEC7

7CCEC5

A6CEC9

68CEC2

BACECC

53CEC0

CFCECE

3FCEBE

E3CED0

2ACEBB

F8CED3

15CEB9

FFCED5

01CEB6

FFCED8

00CEB6

FFCEDA

FFCEDC

# Harmonies

## Analogous

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



A1CDB3



91CEC7



8ECDDA

# Triad

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



91CEC7



CCBCE2



DFBC9F

# Complementary

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



91CEC7



CE9198

# 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.



EAB7AC



91CEC7



E0B7D2

# Square

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



91CEC7



B3C3E9



EBB5BE



CDC39C

# Rectangle

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



91CEC7



95CAE3



EBB5BE



E4BAA2



# Sweetspot

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



91CEC7



E8FFFC



98CE91



71807E



000000



808080

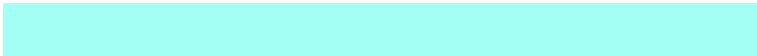


# Same Dimension

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



91CEC7



A3FFF4



91B7CE



5C6665



00A693



002622



# Inverse Universe

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



CE9198



FFA3AE



CEA891



665C5D



A60013

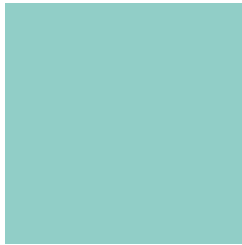


260004



# Previews

## White Background



This preview shows how the Hex color 91CEC7 looks on a white background.

## Color Contrast Check

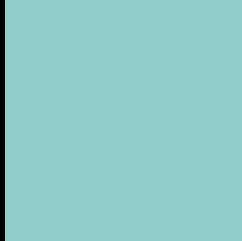
Large Text (above 18pt) WCAG AA × Fail

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 91CEC7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

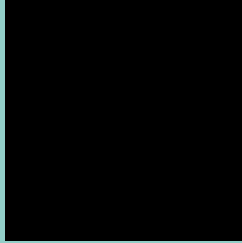
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

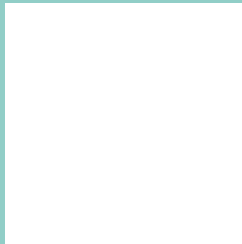
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 91CEC7 Background



This preview shows how black text looks on a background with the Hex color 91CEC7.



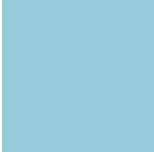
This preview shows how white text looks on a background with the Hex color 91CEC7.

# 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](#).

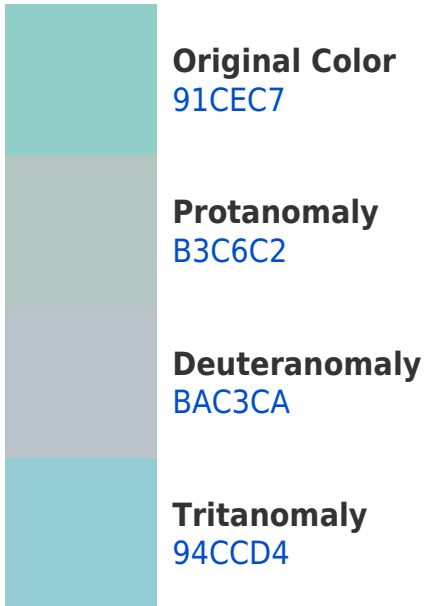
## Dichromacy



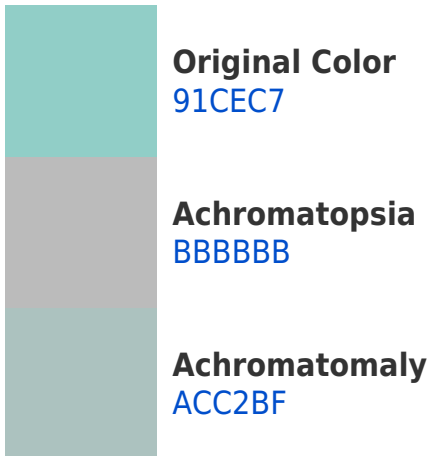


**Tritanopia**  
96CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91CEC7 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 #91CEC7 looks like.

```
.text, #text, p{  
    color:#91CEC7  
}
```

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 #91CEC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91CEC7
}
```

## Border

The CSS property to change the border of an element to Hex 91CEC7 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
#91CEC7 }
```

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

```
.border{ border-color:#91CEC7 }
```

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

Here you see how a box with a 4 pixel #91CEC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91CEC7; -webkit-box-shadow:4px 4px  
4px 4px #91CEC7; box-shadow:4px 4px 4px  
4px #91CEC7 }
```

# Background

The CSS property to change the background color of an element to Hex 91CEC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91CEC7 }
```

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

```
.background{ background-color:#91CEC7 }
```

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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