

# Converting Colors

Hex(91C6B8)

Have a look what the booklet for  
Hex(91C6B8) contains.

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# **Color**

**Hex(91C6B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91C6B8
RGB	145, 198, 184
RGB Percent	57%, 78%, 72%
CMY	0.4314, 0.2235, 0.2784
CMYK	0.27, 0.00, 0.07, 0.22
HSL	164°, 32%, 67%
HSV	164°, 27%, 78%
XYZ	40.5229, 49.8686, 52.8372
YIQ	180.5570, -27.0940, -15.5900

# Conversions

## Conversions Part 2

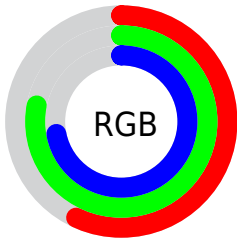
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">145, 176, 198</a>
Decimal	<a href="#">9553592</a>
CIELab	<a href="#">75.99, -20.18, 1.44</a>
CIELCh	<a href="#">76, 20.233, 175.931</a>
Yxy	<a href="#">49.8686, 0.2829, 0.3482</a>
Android (android.graphics.Color)	<a href="#">4287743672 (0xFF91C6B8)</a>
YUV	<a href="#">180.5570, 1.6974, -31.1835</a>
Hunter-Lab	<a href="#">70.6177, -21.1515, 5.0707</a>

# Details

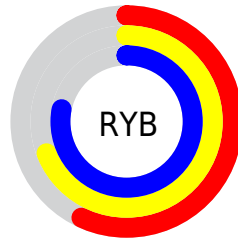
The Hex color **91C6B8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C6919F**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **C8FFF0**, and **5D9083** is the 20% darker color. If you saturate the color by 10%, you get **7DC6B3**, and if you desaturate by 10%, it is **A5C6BD**.

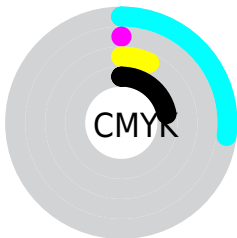
# Distribution



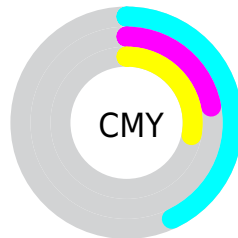
- Red (57%)
- Green (78%)
- Blue (72%)



- Red (57%)
- Yellow (69%)
- Blue (78%)



- Cyan (27%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)




- Cyan (43%)
- Magenta (22%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91C6B8 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 91C6B8 by changing the saturation by 10% instead.



 91C6B8

 91C6B8

FFFFFF

 77AB9D

 C8FFF0

 5D9083

 E4FFFF

 44766A

 2B5D52

 10453B

 002F25

 001C10

 000000

 91C6B8

 91C6B8

 7DC6B3

 A5C6BD

 69C6AE

 B9C6C2

 56C6A8

 CCC6C8

 42C6A3

 E0C6CD

 2EC69E

 F4C6D2

 1AC699

 FFC6D7

 06C693

 FFC6DD

 00C692

 FFC6E2

 FFC6E7

# Harmonies

## Analogous

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



A3C4A6



91C6B8



89C6CB

# Triad

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



91C6B8



BBB7DD



DBB39D

# Complementary

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



91C6B8



C6919F

# 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.



E2AFAC



91C6B8



D1B2D0

# Square

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



91C6B8



A3BEE0



DFAEBF



CCB996

# Rectangle

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



91C6B8



8BC4D5



DFAEBF



DFB1A1



# Sweetspot

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



91C6B8



EBFFFA



9FC691



73807C



000000



808080

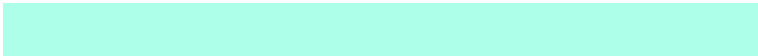


# Same Dimension

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



91C6B8



ADFFE9



91BAC6



5A6361



00A378



00241A



# Inverse Universe

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



C6919F



FFADC3



C69D91



635A5C



A3002B



240009



# Previews

## White Background



This preview shows how the Hex color 91C6B8 looks on a white background.

## Color Contrast Check

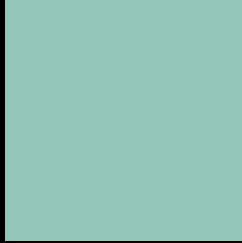
Large Text (above 18pt) WCAG AA × Fail

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 91C6B8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

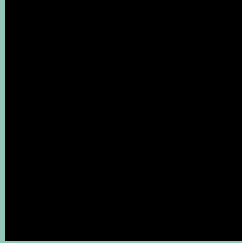
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

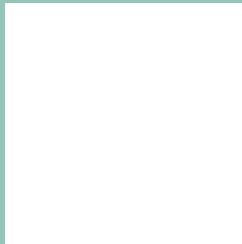
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 91C6B8 Background



This preview shows how black text looks on a background with the Hex color 91C6B8.

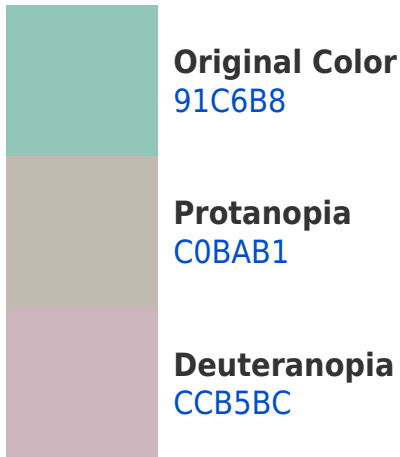


This preview shows how white text looks on a background with the Hex color 91C6B8.

# 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](#).

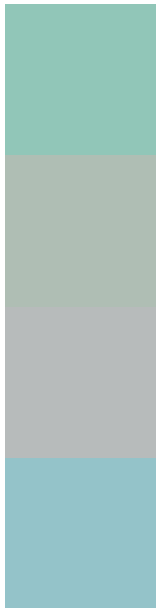
## Dichromacy





**Tritanopia**  
96C2D2

# Trichromacy



**Original Color**  
91C6B8

**Protanomaly**  
AFBEB4

**Deuteranomaly**  
B7BBBB

**Tritanomaly**  
94C3C9

# Monochromacy



**Original Color**  
91C6B8

**Achromatopsia**  
B5B5B5

**Achromatomaly**  
A8BBB6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91C6B8 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 #91C6B8 looks like.

```
.text, #text, p{  
    color:#91C6B8  
}
```

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 #91C6B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91C6B8
}
```

## Border

The CSS property to change the border of an element to Hex 91C6B8 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
#91C6B8 }
```

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

```
.border{ border-color:#91C6B8 }
```

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

Here you see how a box with a 4 pixel #91C6B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91C6B8; -webkit-box-shadow:4px 4px  
4px 4px #91C6B8; box-shadow:4px 4px 4px  
4px #91C6B8 }
```

# Background

The CSS property to change the background color of an element to Hex 91C6B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91C6B8 }
```

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

```
.background{ background-color:#91C6B8 }
```

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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