

# Converting Colors

Hex(91D5C3)

Have a look what the booklet for  
Hex(91D5C3) contains.

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**Color**

**Hex(91D5C3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91D5C3
RGB	145, 213, 195
RGB Percent	57%, 84%, 76%
CMY	0.4314, 0.1647, 0.2353
CMYK	0.32, 0.00, 0.08, 0.16
HSL	164°, 45%, 70%
HSV	164°, 32%, 84%
XYZ	45.3216, 57.5484, 60.3490
YIQ	190.6160, -34.7500, -20.0140

# Conversions

## Conversions Part 2

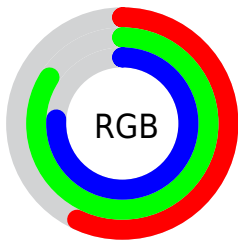
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 184, 213
Decimal	9557443
CIELab	80.49, -25.27, 2.07
CIELCh	80, 25.353, 175.314
Yxy	57.5484, 0.2777, 0.3526
Android (android.graphics.Color)	4287747523 (0xFF91D5C3)
YUV	190.6160, 2.1613, -40.0052
Hunter-Lab	75.8606, -26.1144, 5.9358

# Details

The Hex color **91D5C3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D591A3**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **C9FFFC**, and **5C9E8D** is the 20% darker color. If you saturate the color by 10%, you get **7CD5BD**, and if you desaturate by 10%, it is **A6D5C9**.

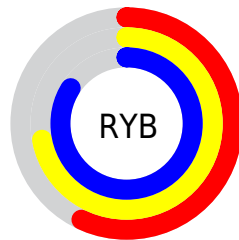
# Distribution



Red (57%)

Green (84%)

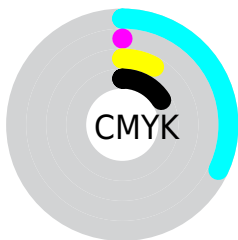
Blue (76%)



Red (57%)

Yellow (72%)

Blue (84%)

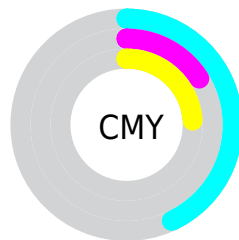


Cyan (32%)

Magenta (0%)

Yellow (8%)

Black (16%)



Cyan (43%)

Magenta (16%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91D5C3 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 91D5C3 by changing the saturation by 10% instead.



 91D5C3

 91D5C3

FFFFFF

 76B9A8

 C9FFFC

 5C9E8D

 E5FFFF

 418474

 266A5B


 045244

 003A2E

 002519

 000300

 000000

 91D5C3

 91D5C3

 7CD5BD

 A6D5C9

 66D5B8

 BCD5CE

 51D5B2


 D1D5D4

 3CD5AC

 E6D5DA

 26D5A7

 FBD5DF

 11D5A1

 FFD5E5

 00D59D

 FFD5EA

 FFD5F0

 FFD5F6

# Harmonies

## Analogous

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



A9D2AC



91D5C3



85D5DB

# Triad

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



91D5C3



C7C3F2



F0BDA2

# Complementary

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



91D5C3



D591A3

# 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.



F8B8B5



91D5C3



E3BBE3

# Square

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



91D5C3



A7CBF6



F4B7CC



DDC599

# Rectangle

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



91D5C3



87D3E9



F4B7CC



F4BBA7

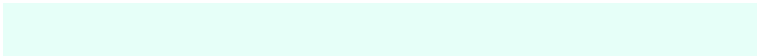


# Sweetspot

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



91D5C3



E6FFF8



A3D591



70807B



000000



808080

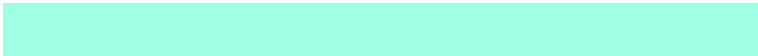


# Same Dimension

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



91D5C3



9EFFE5



91C5D5



606B68



00AB7E



002B20



# Inverse Universe

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



D591A3



FF9EB8



D5A191



6B6063



AB002D

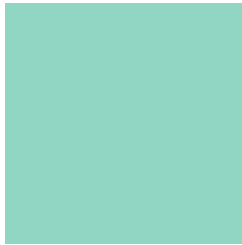


2B000B



# Previews

## White Background



This preview shows how the Hex color 91D5C3 looks on a white background.

## Color Contrast Check

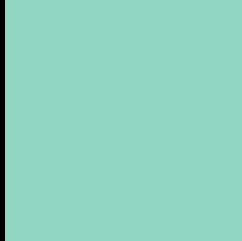
Large Text (above 18pt) WCAG AA × Fail

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 91D5C3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

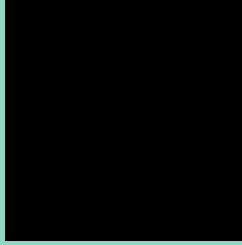
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

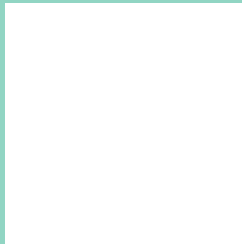
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 91D5C3 Background



This preview shows how black text looks on a background with the Hex color 91D5C3.

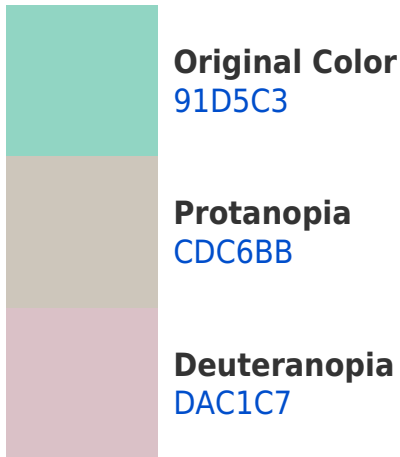


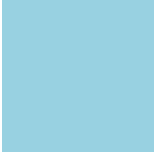
This preview shows how white text looks on a background with the Hex color 91D5C3.

# 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**  
98D1E1

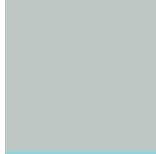
# Trichromacy



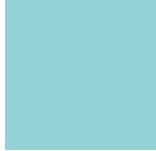
**Original Color**  
91D5C3



**Protanomaly**  
B7CBBE



**Deuteranomaly**  
BFC8C6

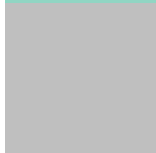


**Tritanomaly**  
95D2D6

# Monochromacy



**Original Color**  
91D5C3



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
AEC7C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91D5C3 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 #91D5C3 looks like.

```
.text, #text, p{  
    color:#91D5C3  
}
```

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 #91D5C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91D5C3
}
```

## Border

The CSS property to change the border of an element to Hex 91D5C3 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
#91D5C3 }
```

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

```
.border{ border-color:#91D5C3 }
```

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

Here you see how a box with a 4 pixel #91D5C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91D5C3; -webkit-box-shadow:4px 4px  
4px 4px #91D5C3; box-shadow:4px 4px 4px  
4px #91D5C3 }
```

# Background

The CSS property to change the background color of an element to Hex 91D5C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91D5C3 }
```

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

```
.background{ background-color:#91D5C3 }
```

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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