

# Converting Colors

Hex(91E5E3)

Have a look what the booklet for  
Hex(91E5E3) contains.

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# **Color**

**Hex(91E5E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91E5E3
RGB	145, 229, 227
RGB Percent	57%, 90%, 89%
CMY	0.4314, 0.1020, 0.1098
CMYK	0.37, 0.00, 0.01, 0.10
HSL	179°, 62%, 73%
HSV	179°, 37%, 90%
XYZ	53.5615, 67.6044, 82.8990
YIQ	203.6560, -49.4220, -18.4300

# Conversions

## Conversions Part 2

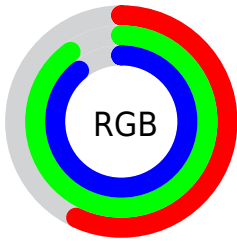
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 188, 229
Decimal	9561571
CIE <sub>Lab</sub>	85.81, -25.84, -7.09
CIE <sub>LCh</sub>	86, 26.793, 195.352
Yxy	67.6044, 0.2625, 0.3313
Android (android.graphics.Color)	4287751651 (0xFF91E5E3)
YUV	203.6560, 11.5086, -51.4413
Hunter-Lab	82.2219, -27.6088, -2.2229

# Details

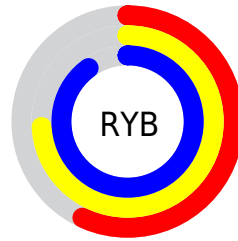
The Hex color **91E5E3** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E59193**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **CAFFFF**, and **59ADAC** is the 20% darker color. If you saturate the color by 10%, you get **7AE5E2**, and if you desaturate by 10%, it is **A8E5E4**.

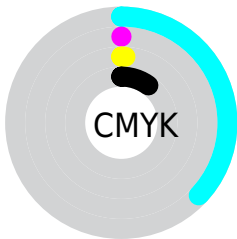
# Distribution



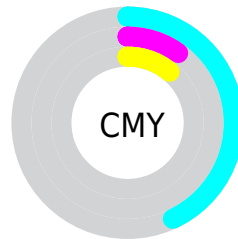
- Red (57%)
- Green (90%)
- Blue (89%)



- Red (57%)
- Yellow (74%)
- Blue (90%)



- Cyan (37%)
- Magenta (0%)
- Yellow (1%)
- Black (10%)




- Cyan (43%)
- Magenta (10%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91E5E3 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 91E5E3 by changing the saturation by 10% instead.



 91E5E3

 91E5E3

FFFFFF

 75C9C7

 CAFFFF

 59ADAC

 E7FFFF

 3C9291

 1B7878

 005F5F


 004747

 003031

 001D1C

 000000

 91E5E3

 91E5E3

 7AE5E2

 A8E5E4

 63E5E2

 BFE5E4

 4CE5E1

 D6E5E5

 35E5E1

 EDE5E5

 1EE5E0

 FFE5E6

 08E5E0

 FFE5E7

 00E5E0

 FFE5E8

# Harmonies

## Analogous

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



A4E4C9



91E5E3



92E2FA

# Triad

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



91E5E3



EBCCF8



F5D1A6

# Complementary

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



91E5E3



E59193

# 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.



FFC9B4



91E5E3



FFC6E4

# Square

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



91E5E3



CAD4FF



FFC5CA



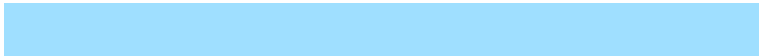
DCD9A5

# Rectangle

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



91E5E3



9FDFFF



FFC5CA



FCCEA9



# Sweetspot

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



91E5E3



E3FFFE



94E591



6F807F



000000



808080



# Same Dimension

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



91E5E3



8FFFC



91BEE5



677372



00B3AE



003332



# Inverse Universe

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



E59193



FF8F91



E5B891



736768



B30004

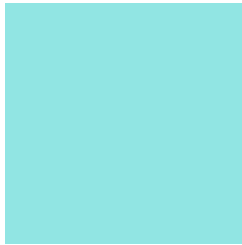


330001



# Previews

## White Background



This preview shows how the Hex color 91E5E3 looks on a white background.

## Color Contrast Check

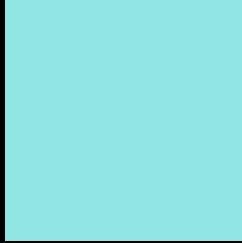
Large Text (above 18pt) WCAG AA × Fail

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 91E5E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

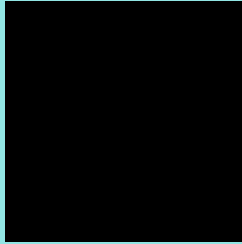
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91E5E3 Background



This preview shows how black text looks on a background with the Hex color 91E5E3.

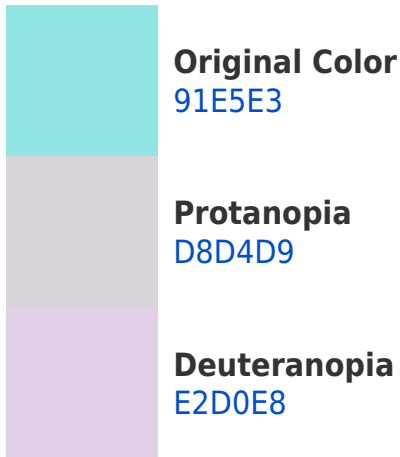


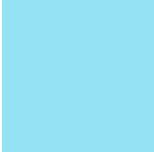
This preview shows how white text looks on a background with the Hex color 91E5E3.

# 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](#).

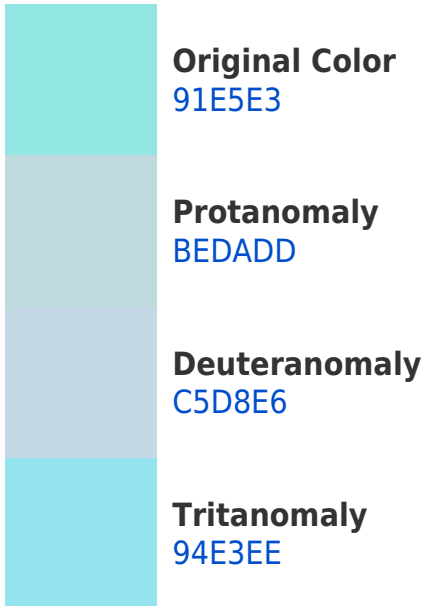
## Dichromacy



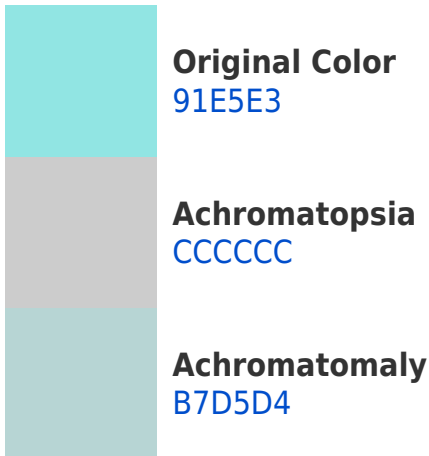


**Tritanopia**  
96E2F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91E5E3 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 #91E5E3 looks like.

```
.text, #text, p{  
    color:#91E5E3  
}
```

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 #91E5E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91E5E3
}
```

## Border

The CSS property to change the border of an element to Hex 91E5E3 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
#91E5E3 }
```

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

```
.border{ border-color:#91E5E3 }
```

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

Here you see how a box with a 4 pixel #91E5E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91E5E3; -webkit-box-shadow:4px 4px  
4px 4px #91E5E3; box-shadow:4px 4px 4px  
4px #91E5E3 }
```

# Background

The CSS property to change the background color of an element to Hex 91E5E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91E5E3 }
```

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

```
.background{ background-color:#91E5E3 }
```

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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