

# Converting Colors

Hex(91E7DC)

Have a look what the booklet for  
Hex(91E7DC) contains.

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# **Color**

**Hex(91E7DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91E7DC
RGB	145, 231, 220
RGB Percent	57%, 91%, 86%
CMY	0.4314, 0.0941, 0.1373
CMYK	0.37, 0.00, 0.05, 0.09
HSL	172°, 64%, 74%
HSV	172°, 37%, 91%
XYZ	53.1712, 68.3389, 78.0984
YIQ	204.0320, -47.7250, -21.6530

# Conversions

## Conversions Part 2

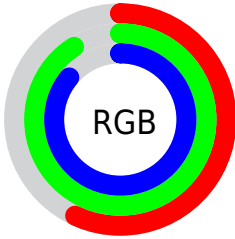
Format	Color
<a href="#">RYB</a>	<a href="#">145, 191, 231</a>
Decimal	<a href="#">9562076</a>
CIELab	<a href="#">86.18, -28.43, -2.86</a>
CIELCh	<a href="#">86, 28.570, 185.754</a>
Yxy	<a href="#">68.3389, 0.2664, 0.3424</a>
Android (android.graphics.Color)	<a href="#">4287752156</a> ( <a href="#">0xFF91E7DC</a> )
YUV	<a href="#">204.0320, 7.8722, -51.7711</a>
Hunter-Lab	<a href="#">82.6673, -29.8575, 1.8540</a>

# Details

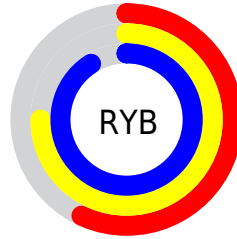
The Hex color **91E7DC** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E7919C**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **CAFFFF**, and **59AFA5** is the 20% darker color. If you saturate the color by 10%, you get **7AE7D9**, and if you desaturate by 10%, it is **A8E7DF**.

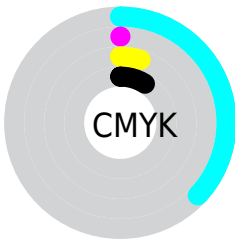
# Distribution



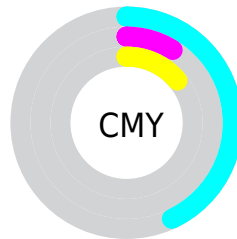
- Red (57%)
- Green (91%)
- Blue (86%)



- Red (57%)
- Yellow (75%)
- Blue (91%)



- Cyan (37%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (43%)
- Magenta (9%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91E7DC 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 91E7DC by changing the saturation by 10% instead.



 91E7DC

 91E7DC

FFFFFF

 75CBC0

 CAFFFF

 59AFA5

 E7FFFF

 3D948B

 1C7A71

 006159

 004942

 00312C

 001E17

 000000

 91E7DC

 91E7DC

 7AE7D9

 A8E7DF

 63E7D6

 BFE7E2

 4CE7D3

 D6E7E5

 35E7D0

 EDE7E8

 1DE7CD

 FFE7EB

 06E7CA

 FFE7EE

 00E7C9

 FFE7F1

 FFE7F4

 FFE7F7

# Harmonies

## Analogous

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



AAE5C1



91E7DC



8AE5F6

# Triad

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



91E7DC



E3CFFF



FFCEA7

# Complementary

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



91E7DC



E7919C

# 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.



FFC7B9



91E7DC



FFC7EE

# Square

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



91E7DC



BED8FF



FFC4D3



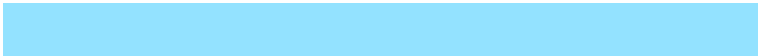
E6D7A2

# Rectangle

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



91E7DC



93E2FF



FFC4D3



FFCCAC



# Sweetspot

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



91E7DC



E3FFFB



9CE791



6F807D



000000



808080



# Same Dimension

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



91E7DC



8CFFF0



91C7E7



677371



00B39C



00332C



# Inverse Universe

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



E7919C



FF8C9B



E7B191



736769



B30017

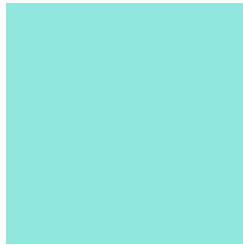


330007



# Previews

## White Background



This preview shows how the Hex color 91E7DC looks on a white background.

## Color Contrast Check

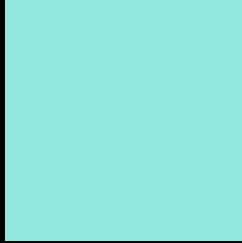
Large Text (above 18pt) WCAG AA × Fail

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 91E7DC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

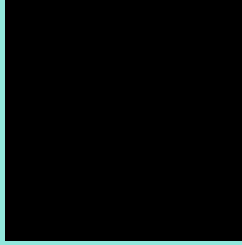
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

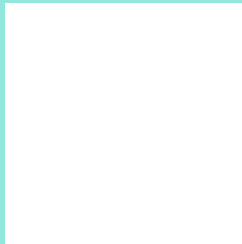
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 91E7DC Background



This preview shows how black text looks on a background with the Hex color 91E7DC.

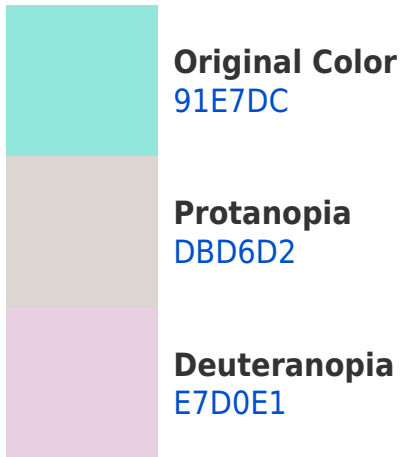


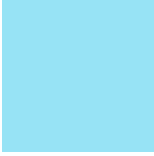
This preview shows how white text looks on a background with the Hex color 91E7DC.

# 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](#).

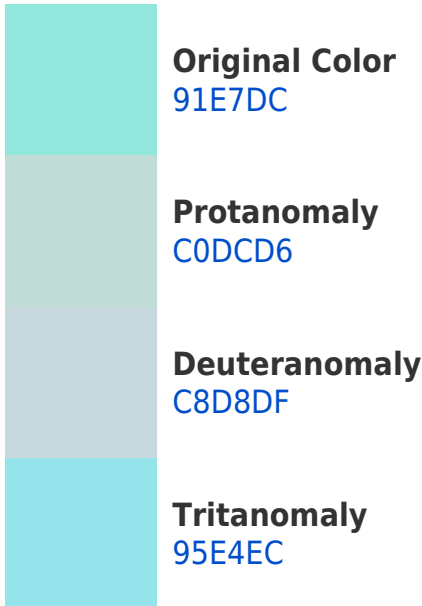
## Dichromacy



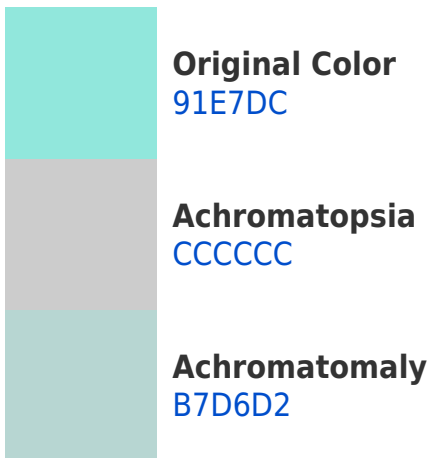


**Tritanopia**  
97E3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91E7DC 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 #91E7DC looks like.

```
.text, #text, p{  
    color:#91E7DC  
}
```

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 #91E7DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91E7DC  
}
```

## Border

The CSS property to change the border of an element to Hex 91E7DC 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  
#91E7DC }
```

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

```
.border{ border-color:#91E7DC }
```

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

Here you see how a box with a 4 pixel #91E7DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91E7DC; -webkit-box-shadow:4px 4px  
4px 4px #91E7DC; box-shadow:4px 4px 4px  
4px #91E7DC }
```

# Background

The CSS property to change the background color of an element to Hex 91E7DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91E7DC }
```

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

```
.background{ background-color:#91E7DC }
```

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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