

# Converting Colors

Hex(91C7ED)

Have a look what the booklet for  
Hex(91C7ED) contains.

<b>Hex(91C7ED)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(91C7ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91C7ED
RGB	145, 199, 237
RGB Percent	57%, 78%, 93%
CMY	0.4314, 0.2196, 0.0706
CMYK	0.39, 0.16, 0.00, 0.07
HSL	205°, 72%, 75%
HSV	205°, 39%, 93%
XYZ	47.3865, 52.9810, 87.8496
YIQ	187.1860, -44.3820, 0.3700

# Conversions

## Conversions Part 2

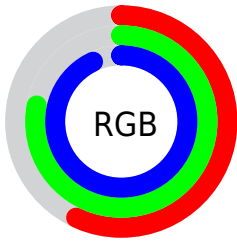
Format	Color
<a href="#">RYB</a>	<a href="#">145, 179, 237</a>
Decimal	<a href="#">9553901</a>
CIELab	<a href="#">77.86, -8.12, -24.36</a>
CIELCh	<a href="#">78, 25.673, 251.569</a>
Yxy	<a href="#">52.9810, 0.2518, 0.2815</a>
Android (android.graphics.Color)	<a href="#">4287743981 (0xFF91C7ED)</a>
YUV	<a href="#">187.1860, 24.5583, -36.9971</a>
Hunter-Lab	<a href="#">72.7881, -11.1719, -20.6068</a>

# Details

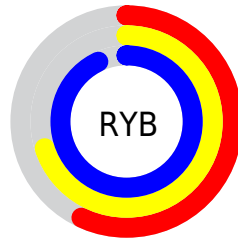
The Hex color **91C7ED** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EDB791**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **CAFFFF**, and **5A91B5** is the 20% darker color. If you saturate the color by 10%, you get **79BDED**, and if you desaturate by 10%, it is **A9D1ED**.

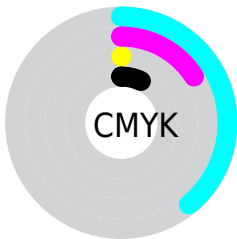
# Distribution



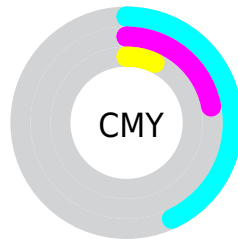
- Red (57%)
- Green (78%)
- Blue (93%)



- Red (57%)
- Yellow (70%)
- Blue (93%)



- Cyan (39%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (43%)
- Magenta (22%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91C7ED 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 91C7ED by changing the saturation by 10% instead.



■ 91C7ED

■ 91C7ED

FFFFFF

■ 75ACD1

■ CAFFFF

■ 5A91B5

■ E7FFFF

■ 3E789A

■ 1F5F80

■ 004767

■ 00314F

■ 001C38

■ 000222

■ 000008

■ 91C7ED

■ 91C7ED

■ 79BDED

■ A9D1ED

■ 62B3ED

■ C0DBED

■ 4AAAED

■ D8E4ED

■ 32A0ED

■ F0EEED

■ 1A96ED

■ FFF8ED

■ 038CED

■ FFFFED

■ 008BED

# Harmonies

## Analogous

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



7ECCDF



91C7ED



B0BFEF

# Triad

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



91C7ED



F1AFB8



AEC99C

# Complementary

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



91C7ED



EDB791

# 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.



C9C292



91C7ED



EEB3A2

# Square

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



91C7ED



E7B1D0



DFBA94



93CDB1

# Rectangle

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



91C7ED



C6BAE9



DFBA94



B7C797



# Sweetspot

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



91C7ED



E0F2FF



91EDB6



6E7880



000000



808080

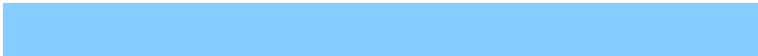


# Same Dimension

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



91C7ED



87CDFE



919AED



6A7075



006AB5



001F36



# Inverse Universe

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



ED91C7



FF87CD



EDE491



756A70



B5006A

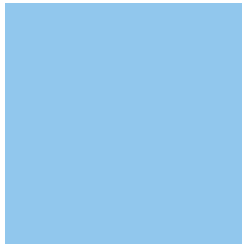


36001F



# Previews

## White Background



This preview shows how the Hex color 91C7ED looks on a white background.

## Color Contrast Check

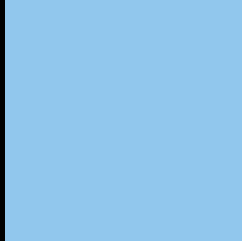
Large Text (above 18pt) WCAG AA × Fail

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 91C7ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

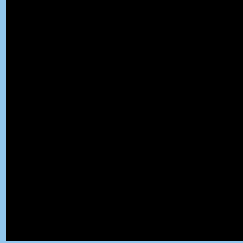
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91C7ED Background



This preview shows how black text looks on a background with the Hex color 91C7ED.



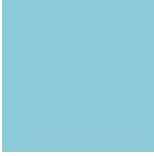
This preview shows how white text looks on a background with the Hex color 91C7ED.

# Color Blindness Simulation

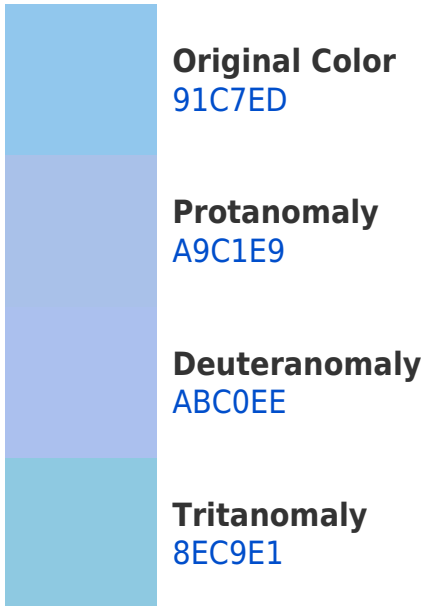
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

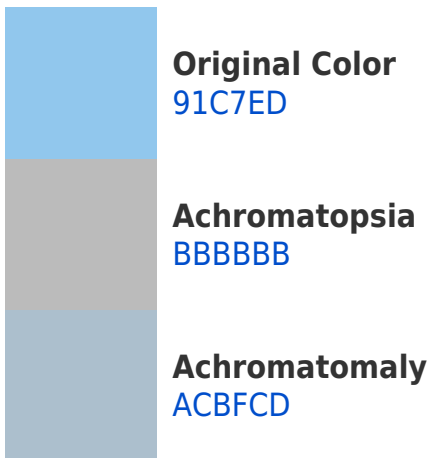




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91C7ED 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 #91C7ED looks like.

```
.text, #text, p{  
    color:#91C7ED  
}
```

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 #91C7ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91C7ED
}
```

## Border

The CSS property to change the border of an element to Hex 91C7ED 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
#91C7ED }
```

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

```
.border{ border-color:#91C7ED }
```

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

Here you see how a box with a 4 pixel #91C7ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91C7ED; -webkit-box-shadow:4px 4px  
4px 4px #91C7ED; box-shadow:4px 4px 4px  
4px #91C7ED }
```

# Background

The CSS property to change the background color of an element to Hex 91C7ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91C7ED }
```

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

```
.background{ background-color:#91C7ED }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor