

# Converting Colors

Hex(91C9E6)

Have a look what the booklet for  
Hex(91C9E6) contains.

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# **Color**

**Hex(91C9E6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91C9E6
RGB	145, 201, 230
RGB Percent	57%, 79%, 90%
CMY	0.4314, 0.2118, 0.0980
CMYK	0.37, 0.13, 0.00, 0.10
HSL	200°, 63%, 74%
HSV	200°, 37%, 90%
XYZ	46.8466, 53.5062, 82.7216
YIQ	187.5620, -42.6850, -2.8530

# Conversions

## Conversions Part 2

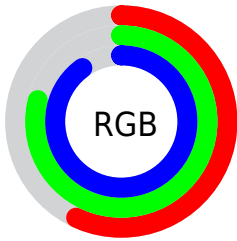
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 179, 230
Decimal	9554406
CIELab	78.17, -10.96, -20.13
CIELCh	78, 22.918, 241.429
Yxy	53.5062, 0.2559, 0.2923
Android (android.graphics.Color)	4287744486 (0xFF91C9E6)
YUV	187.5620, 20.9219, -37.3269
Hunter-Lab	73.1479, -13.6909, -15.8463

# Details

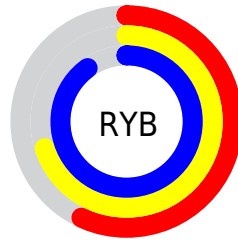
The Hex color **91C9E6** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E6AE91**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **C9FFFF**, and **5A93AE** is the 20% darker color. If you saturate the color by 10%, you get **7AC1E6**, and if you desaturate by 10%, it is **A8D1E6**.

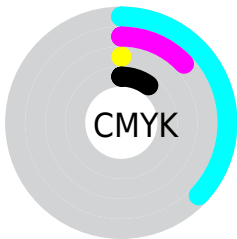
# Distribution



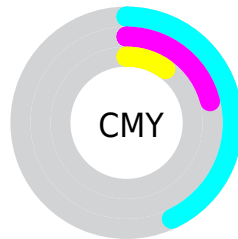
- Red (57%)
- Green (79%)
- Blue (90%)



- Red (57%)
- Yellow (70%)
- Blue (90%)



- Cyan (37%)
- Magenta (13%)
- Yellow (0%)
- Black (10%)



- Cyan (43%)
- Magenta (21%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91C9E6 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 91C9E6 by changing the saturation by 10% instead.



■ 91C9E6

■ 91C9E6

FFFFFF

■ 76AECA

■ C9FFFF

■ 5A93AE

■ E6FFFF

■ 3F7994

■ 22607A

■ 004961

■ 003249

■ 001D32

■ 00021E

■ 000000

■ 91C9E6

■ 91C9E6

■ 7AC1E6

■ A8D1E6

■ 63B9E6

■ BFD9E6

■ 4CB1E6

■ D6E1E6

■ 35AAE6

■ EDE8E6

■ 1EA2E6

■ FFF0E6

■ 079AE6

■ FFF8E6

■ 0098E6

■ FFFFE6

# Harmonies

## Analogous

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



86CDD7



91C9E6



AAC3EB

# Triad

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



91C9E6



EBB2C1



B9C79D

# Complementary

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



91C9E6



E6AE91

# 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.



D1C097



91C9E6



EDB4AC

# Square

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



91C9E6



DEB5D6



E3B99D



A1CBAC

# Rectangle

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



91C9E6



BDBEE9



E3B99D



C1C59A

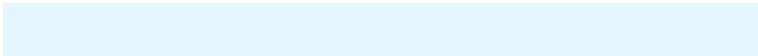


# Sweetspot

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



91C9E6



E3F5FF



91E6AD



6F7A80



000000



808080

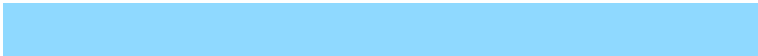


# Same Dimension

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



91C9E6



8FD9FF



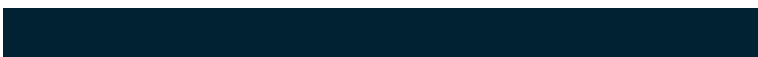
919FE6



676F73



0076B3



002233



# Inverse Universe

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



E691C9



FF8FD9



E6D891



73676F



B30076

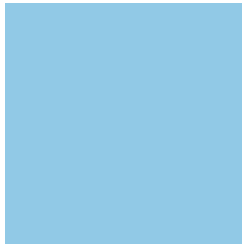


330022



# Previews

## White Background



This preview shows how the Hex color 91C9E6 looks on a white background.

## Color Contrast Check

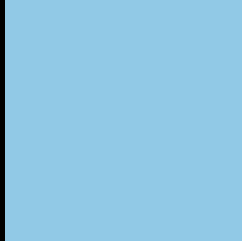
Large Text (above 18pt) WCAG AA × Fail

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 91C9E6 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 91C9E6 Background



This preview shows how black text looks on a background with the Hex color 91C9E6.

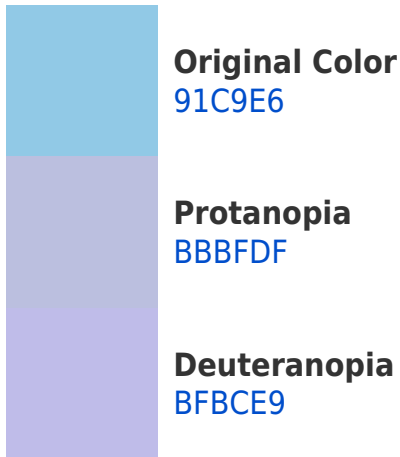


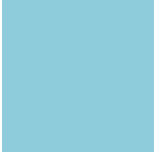
This preview shows how white text looks on a background with the Hex color 91C9E6.

# 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](#).

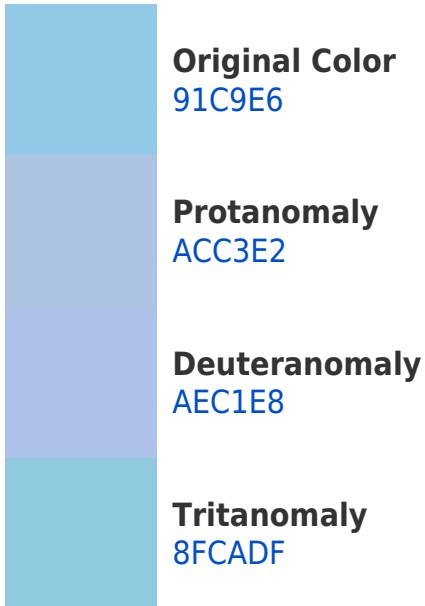
## Dichromacy



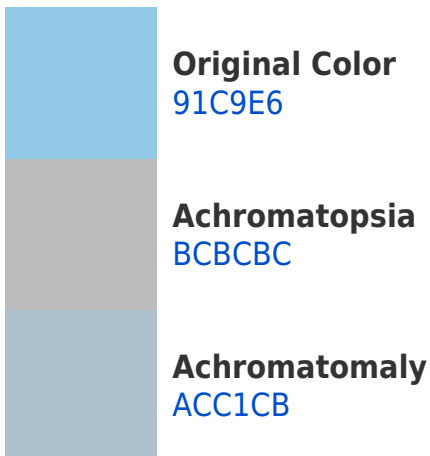


**Tritanopia**  
8ECBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91C9E6 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 #91C9E6 looks like.

```
.text, #text, p{  
    color:#91C9E6  
}
```

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 #91C9E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91C9E6  
}
```

## Border

The CSS property to change the border of an element to Hex 91C9E6 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  
#91C9E6 }
```

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

```
.border{ border-color:#91C9E6 }
```

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

Here you see how a box with a 4 pixel #91C9E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91C9E6; -webkit-box-shadow:4px 4px  
4px 4px #91C9E6; box-shadow:4px 4px 4px  
4px #91C9E6 }
```

# Background

The CSS property to change the background color of an element to Hex 91C9E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91C9E6 }
```

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

```
.background{ background-color:#91C9E6 }
```

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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