

Converting Colors

Hex(91CCEA)

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

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Color

Hex(91CCEA)

Conversions

Conversions Part 1

Format	Color
Hex	91CCEA
RGB	145, 204, 234
RGB Percent	57%, 80%, 92%
CMY	0.4314, 0.2000, 0.0824
CMYK	0.38, 0.13, 0.00, 0.08
HSL	200°, 68%, 74%
HSV	200°, 38%, 92%
XYZ	48.1212, 55.1460, 85.9499
YIQ	189.7790, -44.7940, -3.1780

Conversions

Conversions Part 2

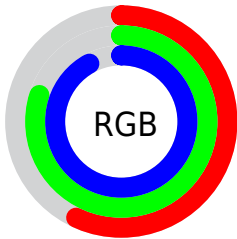
Format	Color
R _Y B	145, 180, 234
Decimal	9555178
CIE Lab	79.13, -11.52, -20.83
CIE LCh	79, 23.800, 241.063
Yxy	55.1460, 0.2543, 0.2914
Android (android.graphics.Color)	4287745258 (0xFF91CCEA)
YUV	189.7790, 21.8010, -39.2712
Hunter-Lab	74.2603, -14.2864, -16.6408

Details

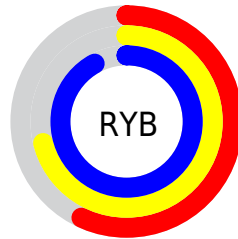
The Hex color **91CCEA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EAAF91**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **CAFFFF**, and **5A96B2** is the 20% darker color. If you saturate the color by 10%, you get **7AC4EA**, and if you desaturate by 10%, it is **A8D4EA**.

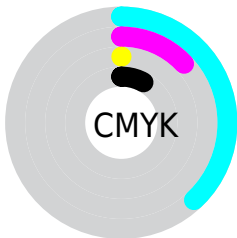
Distribution



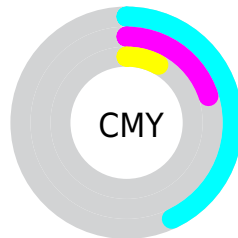
- Red (57%)
- Green (80%)
- Blue (92%)



- Red (57%)
- Yellow (71%)
- Blue (92%)



- Cyan (38%)
- Magenta (13%)
- Yellow (0%)
- Black (8%)



- Cyan (43%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 91CCEA

 91CCEA

FFFFFF

 75B1CE

 CAFFFF

 5A96B2

 E7FFFF

 3E7C97

 20637D

 004B64

 00344C

 001F36

 000221

 000005

■ 91CCEA

■ 91CCEA

■ 7AC4EA

■ A8D4EA

■ 62BCEA

■ C0DCEA

■ 4BB4EA

■ D7E4EA

■ 33ACEA

■ EFECEA

■ 1CA5EA

■ FFF3EA

■ 059DEA

■ FFFBEA

■ 009BEA

■ FFFFEA

Harmonies

Analogous

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



86D0DA



91CCEA



ABC6F0

Triad

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



91CCEA



EFB4C4



BCCA9E

Complementary

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



91CCEA



EAAF91

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.



D4C398



91CCEA



F1B6AE

Square

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



91CCEA



E1B7DA



E7BB9E



A3CEAE

Rectangle

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



91CCEA



BFC1ED



E7BB9E



C4C79A

Sweetspot

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



91CCEA



E3F6FF



91EAAF



6F7A80



000000



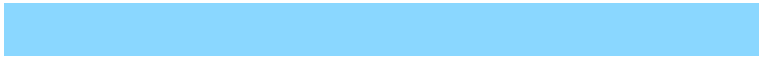
808080

Same Dimension

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



91CCEA



8AD7FF



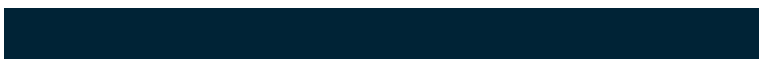
91A0EA



6A7175



0078B5



002336

Inverse Universe

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



EA91CC



FF8AD7



EADB91



756A71



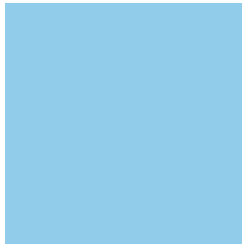
B50078



360023

Previews

White Background



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

Color Contrast Check

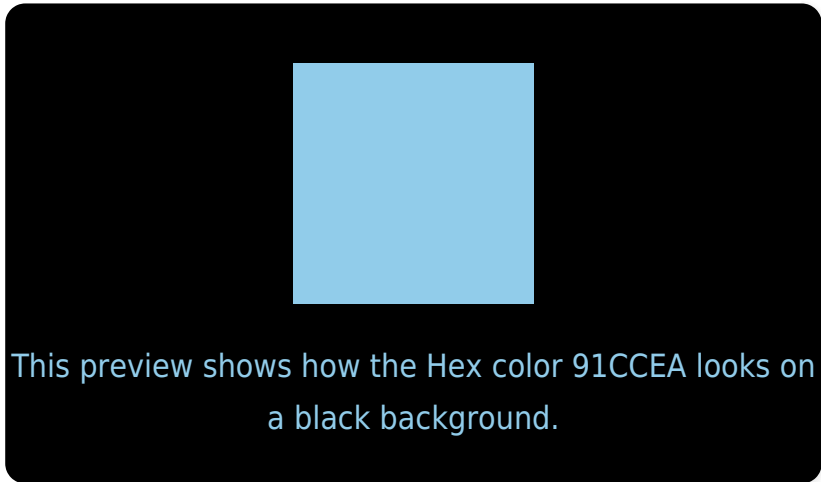
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

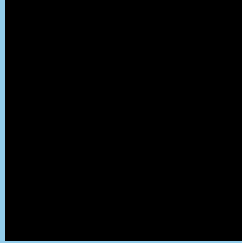
Any Text WCAG AA ✓ Pass

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 91CCEA Background



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

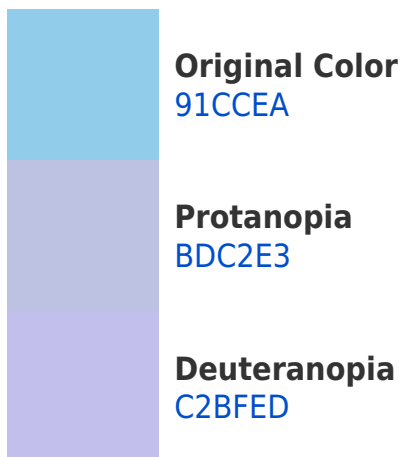


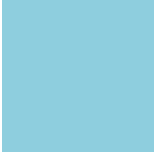
This preview shows how white text looks on a background with the Hex color 91CCEA.

Color Blindness Simulation

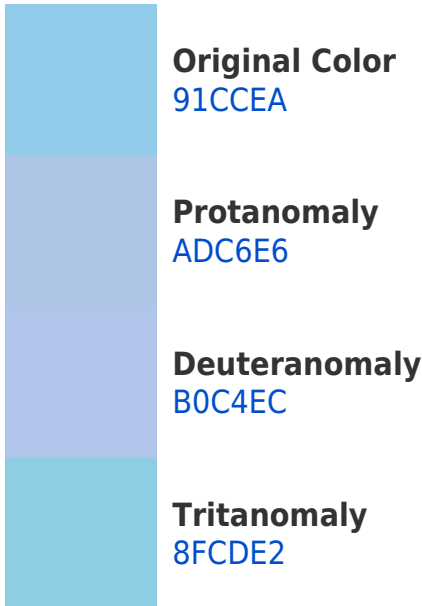
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

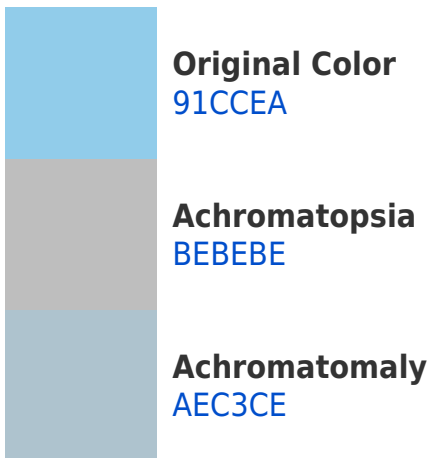




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #91CCEA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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