

Converting Colors

Hex(91CBCF)

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

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Color

Hex(91CBCF)

Conversions

Conversions Part 1	
Format	Color
Hex	91CBCF
RGB	145, 203, 207
RGB Percent	57%, 80%, 81%
CMY	0.4314, 0.2039, 0.1882
CMYK	0.30, 0.02, 0.00, 0.19
HSL	184°, 39%, 69%
HSV	184°, 30%, 81%
XYZ	44.2955, 53.2366, 66.9726
YIQ	186.1140, -35.8520, -11.0520

Conversions

Conversions Part 2

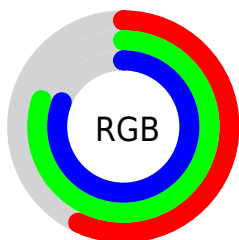
Format	Color
RYB	145, 175, 207
Decimal	9554895
CIELab	78.01, -17.58, -7.99
CIELCh	78, 19.314, 204.453
Yxy	53.2366, 0.2693, 0.3236
Android (android.graphics.Color)	4287744975 (0xFF91CBCF)
YUV	186.1140, 10.2968, -36.0570
Hunter-Lab	72.9634, -19.3201, -3.3474

Details

The Hex color **91CBCF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CF9591**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **C9FFFF**, and **5C9599** is the 20% darker color. If you saturate the color by 10%, you get **7CCACF**, and if you desaturate by 10%, it is **A6CCCF**.

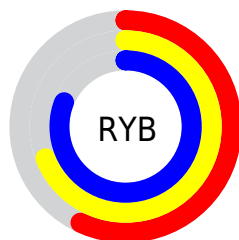
Distribution



Red (57%)

Green (80%)

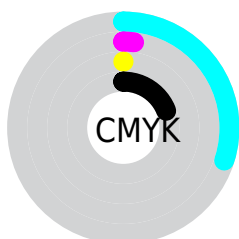
Blue (81%)



Red (57%)

Yellow (69%)

Blue (81%)

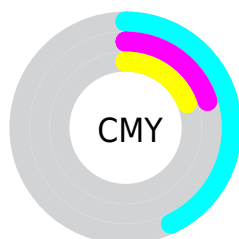


Cyan (30%)

Magenta (2%)

Yellow (0%)

Black (19%)



Cyan (43%)

Magenta (20%)

Yellow (19%)

Brightness & Saturation Gradients

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

 91CBCF

FFFFFF

 C9FFFF

 E5FFFF

 91CBCF

 76B0B3

 5C9599

 427B7F

 276266


 054A4E


 003337

 001E22

 00000B

 000000

 91CBCF

 91CBCF

 7CCACF

 A6CCCC

 68C8CF

 BACECF

 53C7CF

 CFCFCF

 3EC6CF

 E4D0CF

 29C4CF

 F9D2CF

 15C3CF

 FFD3CF

 00C2CF

 FFD4CF

 FFD6CF

 FFD7CF

Harmonies

Analogous

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



99CBBD



91CBCF



97C8DD

Triad

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



91CBCF



D5B8D6



D2BF9D

Complementary

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



91CBCF



CF9591

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.



E0B9A4



91CBCF



E3B5C5

Square

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



91CBCF



C0BDE1



E7B5B3



BFC4A0

Rectangle

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



91CBCF



A2C5E3



E7B5B3



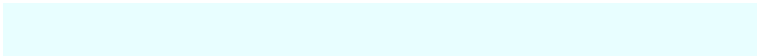
D8BD9F

Sweetspot

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



91CBCF



E8FEFF



91CF94



717F80



000000



808080

Same Dimension

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



91CBCF



A3F9FF



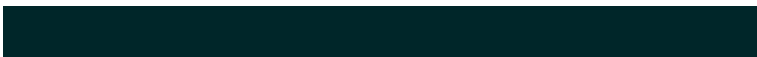
91ADCF



5E6869



009DA8



002629

Inverse Universe

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



CF91CB



FFA3F9



CFB391



695E68



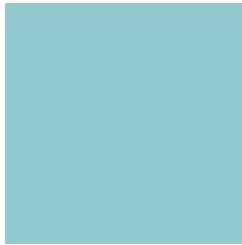
A8009D



290026

Previews

White Background



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

Color Contrast Check

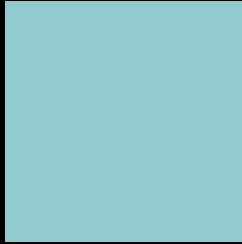
Large Text (above 18pt) WCAG AA × Fail

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 91CBCF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

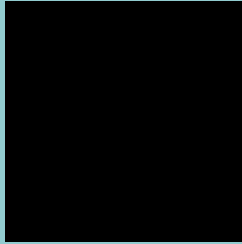
Any Text WCAG AA ✓ Pass

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 91BCBF Background



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



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

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



Original Color
91CB CF

Protanopia
C1BF C8

Deuteranopia
CA BB D2



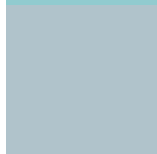
Tritanopia
93C9DA

Trichromacy



Original Color

91CB CF



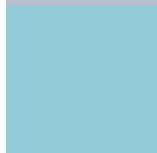
Protanomaly

B0C3CB



Deuteranomaly

B5C1D1



Tritanomaly

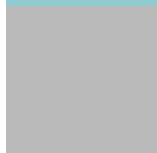
92CA D6

Monochromacy



Original Color

91CB CF



Achromatopsia

BABABA



Achromatomaly

ABC0C2

CSS Examples

Text

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

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

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 #91CBCF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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