

Converting Colors

Hex(91CBCB)

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

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

Color

Hex(91CBCB)

Conversions

Conversions Part 1

Format	Color
Hex	91CBCB
RGB	145, 203, 203
RGB Percent	57%, 80%, 80%
CMY	0.4314, 0.2039, 0.2039
CMYK	0.29, 0.00, 0.00, 0.20
HSL	180°, 36%, 68%
HSV	180°, 29%, 80%
XYZ	43.8125, 53.0434, 64.4292
YIQ	185.6580, -34.5680, -12.2960

Conversions

Conversions Part 2

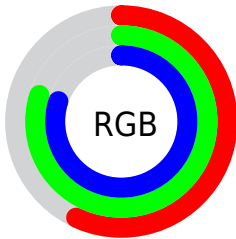
Format	Color
RYB	145, 174, 203
Decimal	9554891
CIELab	77.90, -18.50, -6.01
CIELCh	78, 19.456, 197.993
Yxy	53.0434, 0.2716, 0.3289
Android (android.graphics.Color)	4287744971 (0xFF91CBCB)
YUV	185.6580, 8.5496, -35.6571
Hunter-Lab	72.8309, -20.0748, -1.4687

Details

The Hex color **91CBCB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CB9191**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **C8FFFF**, and **5C9595** is the 20% darker color. If you saturate the color by 10%, you get **7DCBCB**, and if you desaturate by 10%, it is **A5CBCB**.

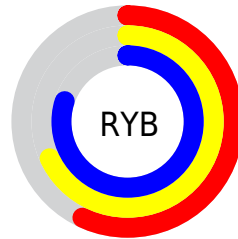
Distribution



Red (57%)

Green (80%)

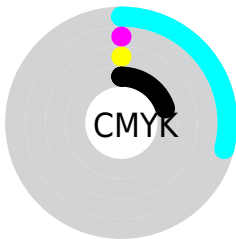
Blue (80%)



Red (57%)

Yellow (68%)

Blue (80%)

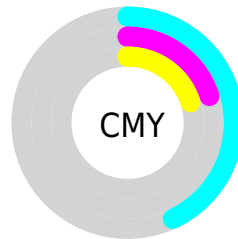


Cyan (29%)

Magenta (0%)

Yellow (0%)

Black (20%)



Cyan (43%)

Magenta (20%)

Yellow (20%)

Brightness & Saturation Gradients

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

 91CBCB

 91CBCB

FFFFFF

 76B0B0

 C8FFFF

 5C9595

 E5FFFF

 427B7B

 286262

 084A4B

 003334

 001E1F

 000006

 000000

 91CBCB

 91CBCB

 7DCBCB

 A5CBCB

 68CBCB

 BACBCB

 54CBCB

 CECBCB

 40CBCB

 E2CBCB

 2CCBCB

 F7CBCB

 17CBCB

 FFCBCB

 03CBCB

 00CBCB

Harmonies

Analogous

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



9CCBB8



91CBCB



93C9DB

Triad

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



91CBCB



D1B9D9



D6BD9E

Complementary

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



91CBCB



CB9191

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.



E2B7A6



91CBCB



E1B5C9

Square

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



91CBCB



BABEE3



E7B4B6



C3C39E

Rectangle

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



91CBCB



9DC6E1



E7B4B6



DBBBA0

Sweetspot

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



91CBCB



E8FFFF



91CB91



718080



000000



808080

Same Dimension

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



91CBCB



A8FFFF



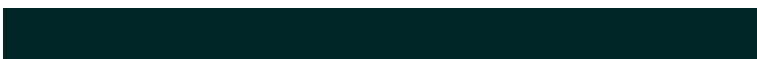
91AECB



5C6666



00A6A6



002626

Inverse Universe

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



CB91CB



FFA8FF



CBAE91



665C66



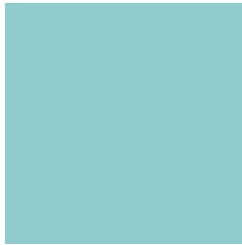
A600A6



260026

Previews

White Background



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

Color Contrast Check

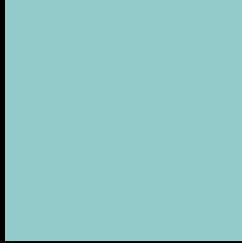
Large Text (above 18pt) WCAG AA × Fail

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 91CBCB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

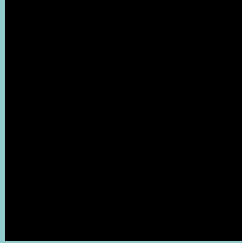
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

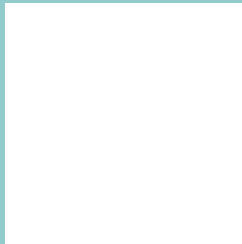
Any Text WCAG AAA ✓ Pass

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

Hex 91CBCB Background



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

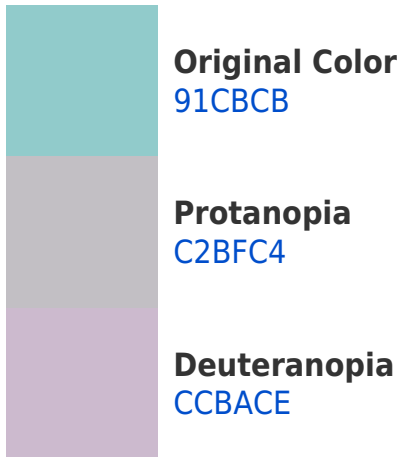


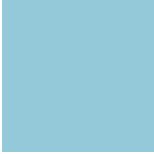
This preview shows how white text looks on a background with the Hex color 91CBCB.

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
94C9D9

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #91CBCB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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