

Converting Colors

Hex(91E2CB)

Have a look what the booklet for
Hex(91E2CB) contains.

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Color

Hex(91E2CB)

Conversions

Conversions Part 1

Format	Color
Hex	91E2CB
RGB	145, 226, 203
RGB Percent	57%, 89%, 80%
CMY	0.4314, 0.1137, 0.2039
CMYK	0.36, 0.00, 0.10, 0.11
HSL	163°, 58%, 73%
HSV	163°, 36%, 89%
XYZ	49.6529, 64.7243, 66.3760
YIQ	199.1590, -40.8930, -24.3250

Conversions

Conversions Part 2

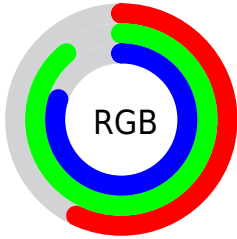
Format	Color
RYB	145, 192, 226
Decimal	9560779
CIELab	84.34, -29.82, 3.42
CIELCh	84, 30.011, 173.456
Yxy	64.7243, 0.2747, 0.3581
Android (android.graphics.Color)	4287750859 (0xFF91E2CB)
YUV	199.1590, 1.8936, -47.4974
Hunter-Lab	80.4514, -30.6235, 7.3991

Details

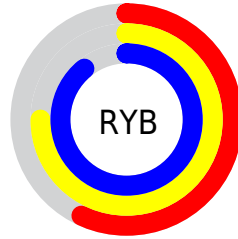
The Hex color **91E2CB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E291A8**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **C9FFFF**, and **5AAA95** is the 20% darker color. If you saturate the color by 10%, you get **7AE2C5**, and if you desaturate by 10%, it is **A8E2D1**.

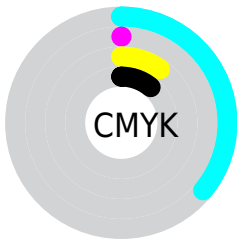
Distribution



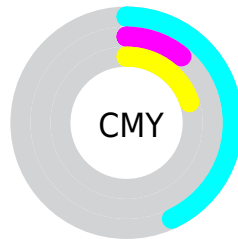
- Red (57%)
- Green (89%)
- Blue (80%)



- Red (57%)
- Yellow (75%)
- Blue (89%)



- Cyan (36%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (43%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91E2CB 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 91E2CB by changing the saturation by 10% instead.

 91E2CB

 91E2CB

FFFFFF

 76C6B0

 C9FFFF

 5AAA95

 E6FFFF

 3F907B

 217662


 005D4B

 004434

 002D1F

 001807

 000000

 91E2CB

 91E2CB

 7AE2C5

 A8E2D1

 64E2BE

 BEE2D8

 4DE2B8

 D5E2DE

 37E2B1

 EBE2E5

 20E2AB

 FFE2EB

 09E2A4

 FFE2F2

 00E2A2

 FFE2F8

 FFE2FE

 FFE2FF

Harmonies

Analogous

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



AFDEB0



91E2CB



7FE2E8

Triad

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



91E2CB



CFCDFE



FFC5A6

Complementary

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



91E2CB



E291A8

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.



FFBFBD



91E2CB



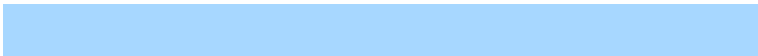
F1C4F4

Square

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



91E2CB



A7D7FF



FFBEDA



EDCE9A

Rectangle

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



91E2CB



81E0F8



FFBEDA



FFC3AD

Sweetspot

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



91E2CB



E3FFF7



A9E291



6F807B



000000



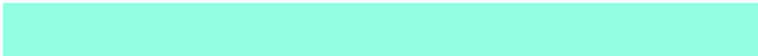
808080

Same Dimension

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



91E2CB



91FFE0



91D2E2



65706D



00B07E



003023

Inverse Universe

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



E291A8



FF91B0



E2A191



706568



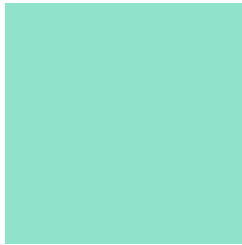
B00032



30000E

Previews

White Background



This preview shows how the Hex color 91E2CB looks on a white background.

Color Contrast Check

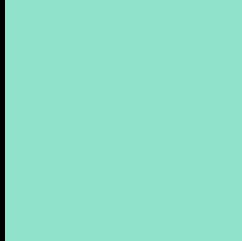
Large Text (above 18pt) WCAG AA × Fail

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 91E2CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

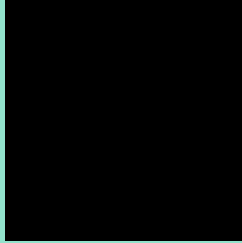
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

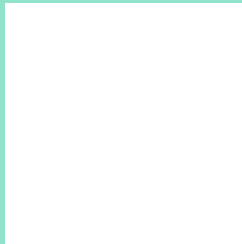
Any Text WCAG AAA ✓ Pass

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

Hex 91E2CB Background



This preview shows how black text looks on a background with the Hex color 91E2CB.

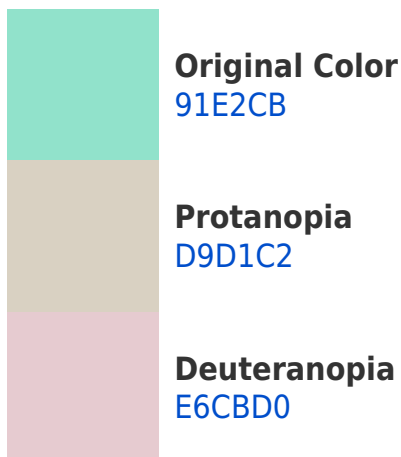


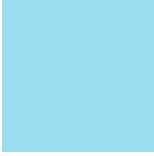
This preview shows how white text looks on a background with the Hex color 91E2CB.

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](#).

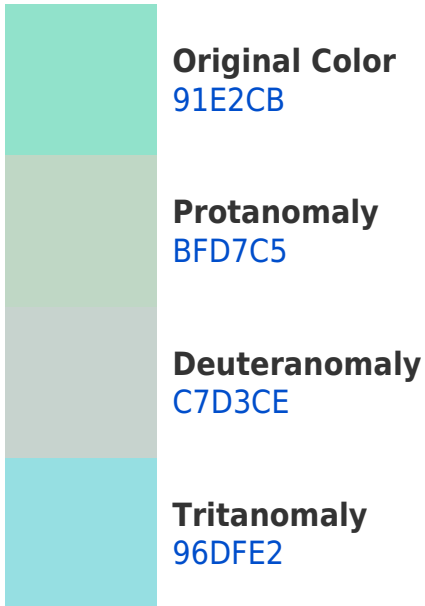
Dichromacy



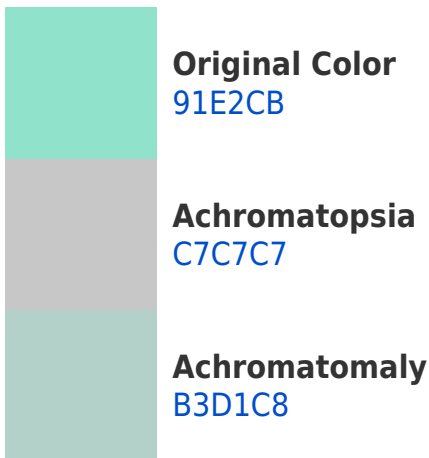


Tritanopia
99DDEF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91E2CB 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 #91E2CB looks like.

```
.text, #text, p{  
    color:#91E2CB  
}
```

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 #91E2CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91E2CB  
}
```

Border

The CSS property to change the border of an element to Hex 91E2CB 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  
#91E2CB }
```

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

```
.border{ border-color:#91E2CB }
```

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

Here you see how a box with a 4 pixel #91E2CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91E2CB; -webkit-box-shadow:4px 4px  
4px 4px #91E2CB; box-shadow:4px 4px 4px  
4px #91E2CB }
```

Background

The CSS property to change the background color of an element to Hex 91E2CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91E2CB }
```

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

```
.background{ background-color:#91E2CB }
```

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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