

# Converting Colors

Hex(91E3C9)

Have a look what the booklet for  
Hex(91E3C9) contains.

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**Color**

**Hex(91E3C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91E3C9
RGB	145, 227, 201
RGB Percent	57%, 89%, 79%
CMY	0.4314, 0.1098, 0.2118
CMYK	0.36, 0.00, 0.11, 0.11
HSL	161°, 59%, 73%
HSV	161°, 36%, 89%
XYZ	49.6888, 65.1750, 65.2195
YIQ	199.5180, -40.5260, -25.4700

# Conversions

## Conversions Part 2

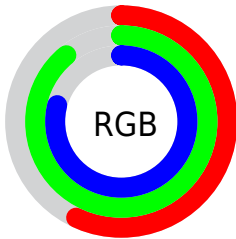
Format	Color
<a href="#">RYB</a>	<a href="#">145, 194, 227</a>
Decimal	<a href="#">9561033</a>
CIELab	<a href="#">84.57, -30.72, 4.81</a>
CIElCh	<a href="#">85, 31.094, 171.098</a>
Yxy	<a href="#">65.1750, 0.2759, 0.3619</a>
Android (android.graphics.Color)	<a href="#">4287751113 (0xFF91E3C9)</a>
YUV	<a href="#">199.5180, 0.7306, -47.8123</a>
Hunter-Lab	<a href="#">80.7310, -31.4151, 8.6136</a>

# Details

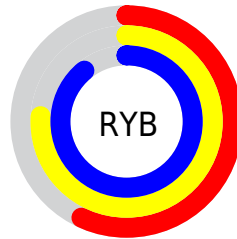
The Hex color **91E3C9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E391AB**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **C9FFFF**, and **5AAB93** is the 20% darker color. If you saturate the color by 10%, you get **7AE3C2**, and if you desaturate by 10%, it is **A8E3D0**.

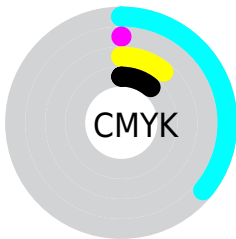
# Distribution



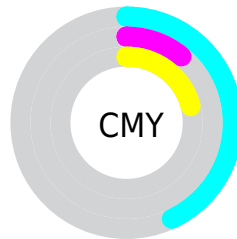
- Red (57%)
- Green (89%)
- Blue (79%)



- Red (57%)
- Yellow (76%)
- Blue (89%)



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



- Cyan (43%)
- Magenta (11%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91E3C9 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 91E3C9 by changing the saturation by 10% instead.



 91E3C9

 91E3C9

FFFFFF

 76C7AE

 C9FFFF

 5AAB93

 E6FFFF

 3F9079

 217661


 005D49


 004532

 002E1D

 001904

 000000

 91E3C9

 91E3C9

 7AE3C2

 A8E3D0

 64E3BB

 BEE3D7

 4DE3B3

 D5E3DF

 36E3AC

 ECE3E6

 20E3A5

 FFE3ED

 09E39E

 FFE3F4

 00E39B

 FFE3FB

 FFE3FF

# Harmonies

## Analogous

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



B1DFAD



91E3C9



7CE3E7

# Triad

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



91E3C9



CCCFF



FFC5A7

# Complementary

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



91E3C9



E391AB

# 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.



FFBEBF



91E3C9



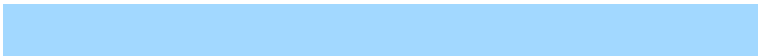
F0C5F8

# Square

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



91E3C9



A2D8FF



FFBEDD



F1CE99

# Rectangle

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



91E3C9



7CE1F9



FFBEDD



FFC2AE

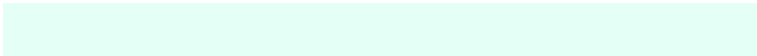


# Sweetspot

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



91E3C9



E3FFF6



ACE391



6F807A



000000



808080



# Same Dimension

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



91E3C9



91FFDC



91D5E3



67736F



00B37A



003323



# Inverse Universe

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



E391AB



FF91B4



E39F91



73676B



B30039

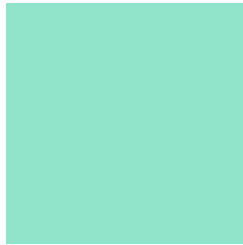


330010



# Previews

## White Background



This preview shows how the Hex color 91E3C9 looks on a white background.

## Color Contrast Check

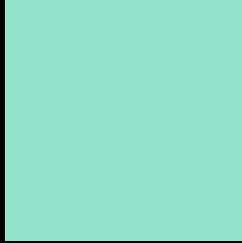
Large Text (above 18pt) WCAG AA × Fail

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 91E3C9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

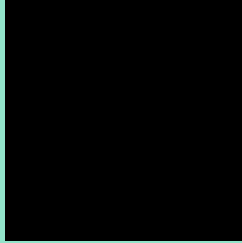
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

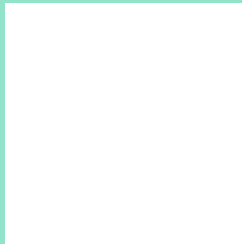
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 91E3C9 Background



This preview shows how black text looks on a background with the Hex color 91E3C9.



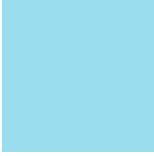
This preview shows how white text looks on a background with the Hex color 91E3C9.

# 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](#).

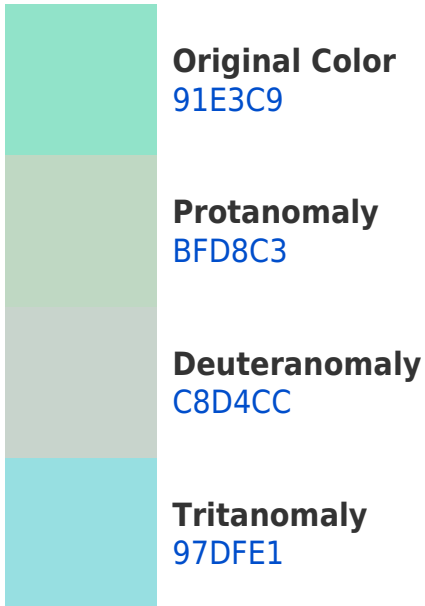
## Dichromacy



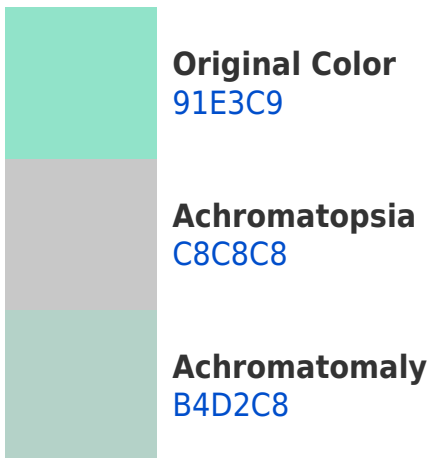


**Tritanopia**  
9ADDEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91E3C9 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 #91E3C9 looks like.

```
.text, #text, p{  
    color:#91E3C9  
}
```

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 #91E3C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91E3C9
}
```

## Border

The CSS property to change the border of an element to Hex 91E3C9 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
#91E3C9 }
```

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

```
.border{ border-color:#91E3C9 }
```

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

Here you see how a box with a 4 pixel #91E3C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91E3C9; -webkit-box-shadow:4px 4px  
4px 4px #91E3C9; box-shadow:4px 4px 4px  
4px #91E3C9 }
```

# Background

The CSS property to change the background color of an element to Hex 91E3C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91E3C9 }
```

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

```
.background{ background-color:#91E3C9 }
```

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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