

Converting Colors

Hex(91E7DA)

Have a look what the booklet for
Hex(91E7DA) contains.

Hex(91E7DA)	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(91E7DA)

Conversions

Conversions Part 1

Format	Color
Hex	91E7DA
RGB	145, 231, 218
RGB Percent	57%, 91%, 85%
CMY	0.4314, 0.0941, 0.1451
CMYK	0.37, 0.00, 0.06, 0.09
HSL	171°, 64%, 74%
HSV	171°, 37%, 91%
XYZ	52.9079, 68.2335, 76.7115
YIQ	203.8040, -47.0830, -22.2750

Conversions

Conversions Part 2

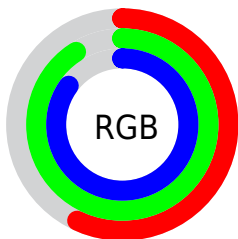
Format	Color
RYB	145, 192, 231
Decimal	9562074
CIELab	86.12, -28.88, -1.89
CIELCh	86, 28.942, 183.742
Yxy	68.2335, 0.2674, 0.3449
Android (android.graphics.Color)	4287752154 (0xFF91E7DA)
YUV	203.8040, 6.9986, -51.5711
Hunter-Lab	82.6036, -30.2265, 2.7616

Details

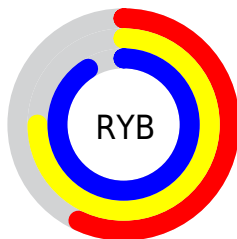
The Hex color **91E7DA** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E7919E**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **CAFFFF**, and **59AFA3** is the 20% darker color. If you saturate the color by 10%, you get **7AE7D7**, and if you desaturate by 10%, it is **A8E7DD**.

Distribution



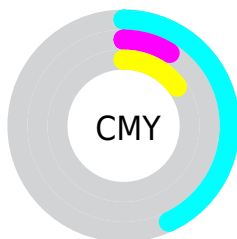
- Red (57%)
- Green (91%)
- Blue (85%)



- Red (57%)
- Yellow (75%)
- Blue (91%)



- Cyan (37%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)



- Cyan (43%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91E7DA 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 91E7DA by changing the saturation by 10% instead.

 91E7DA

FFFFFF

 CAFFFF

 E7FFFF

 91E7DA

 75CBBE

 59AFA3

 3D9489

 1D7A70

 006157

 004940

 00312A

 001E16

 000000

 91E7DA

 91E7DA

 7AE7D7

 A8E7DD

 63E7D3

 BFE7E1

 4CE7D0

 D6E7E4

 35E7CC

 EDE7E8

 1DE7C9

 FFE7EB

 06E7C5

 FFE7EF

 00E7C4

 FFE7F2

 FFE7F6

 FFE7F9

Harmonies

Analogous

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



ABE5BE



91E7DA



88E6F5

Triad

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



91E7DA



E0CFFF



FFCEA7

Complementary

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



91E7DA



E7919E

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.



FFC6BA



91E7DA



FEC7F0

Square

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



91E7DA



BBD9FF



FFC4D5



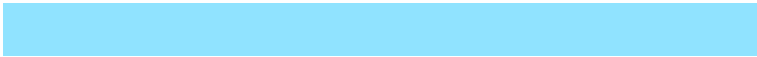
E8D7A1

Rectangle

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



91E7DA



90E3FF



FFC4D5



FFCBAC

Sweetspot

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



91E7DA



E3FFFB



9FE791



6F807D



000000



808080

Same Dimension

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



91E7DA



8CFFEE



91CAE7



677371



00B398



00332B

Inverse Universe

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



E7919E



FF8C9E



E7AE91



736769



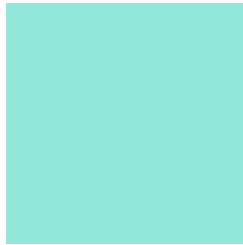
B3001B



330008

Previews

White Background



This preview shows how the Hex color 91E7DA looks on a white background.

Color Contrast Check

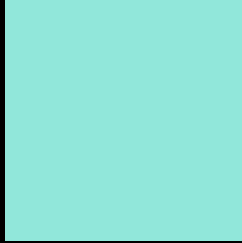
Large Text (above 18pt) WCAG AA × Fail

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 91E7DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

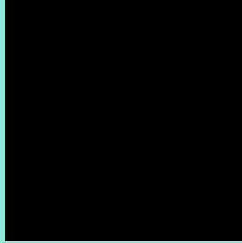
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

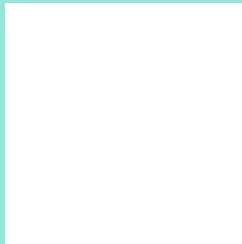
Any Text WCAG AAA ✓ Pass

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

Hex 91E7DA Background



This preview shows how black text looks on a background with the Hex color 91E7DA.

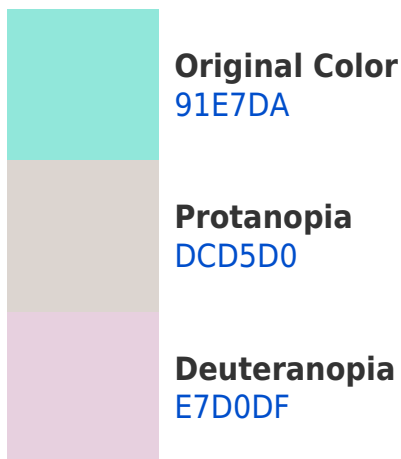


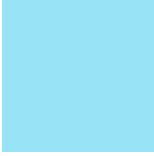
This preview shows how white text looks on a background with the Hex color 91E7DA.

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



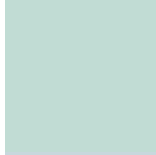


Tritanopia
98E3F5

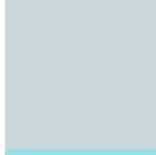
Trichromacy



Original Color
91E7DA



Protanomaly
C1DCD4



Deuteranomaly
C8D8DD

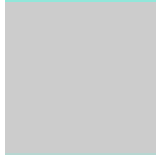


Tritanomaly
95E4EB

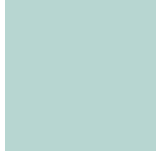
Monochromacy



Original Color
91E7DA



Achromatopsia
CCCCCC



Achromatomaly
B7D6D1

CSS Examples

Text

The CSS property to change the color of the text to Hex 91E7DA 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 #91E7DA looks like.

```
.text, #text, p{  
    color:#91E7DA  
}
```

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 #91E7DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91E7DA
}
```

Border

The CSS property to change the border of an element to Hex 91E7DA 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
#91E7DA }
```

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

```
.border{ border-color:#91E7DA }
```

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

Here you see how a box with a 4 pixel #91E7DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91E7DA; -webkit-box-shadow:4px 4px  
4px 4px #91E7DA; box-shadow:4px 4px 4px  
4px #91E7DA }
```

Background

The CSS property to change the background color of an element to Hex 91E7DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91E7DA }
```

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

```
.background{ background-color:#91E7DA }
```

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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