

Converting Colors

Hex(91E6E4)

Have a look what the booklet for
Hex(91E6E4) contains.

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Color

Hex(91E6E4)

Conversions

Conversions Part 1

Format	Color
Hex	91E6E4
RGB	145, 230, 228
RGB Percent	57%, 90%, 89%
CMY	0.4314, 0.0980, 0.1059
CMYK	0.37, 0.00, 0.01, 0.10
HSL	179°, 63%, 74%
HSV	179°, 37%, 90%
XYZ	53.9775, 68.2148, 83.7207
YIQ	204.3570, -50.0180, -18.6420

Conversions

Conversions Part 2

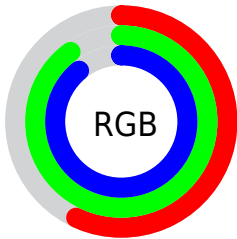
Format	Color
RYB	145, 188, 230
Decimal	9561828
CIELab	86.11, -26.09, -7.17
CIELCh	86, 27.054, 195.364
Yxy	68.2148, 0.2621, 0.3313
Android (android.graphics.Color)	4287751908 (0xFF91E6E4)
YUV	204.3570, 11.6560, -52.0561
Hunter-Lab	82.5923, -27.8793, -2.2855

Details

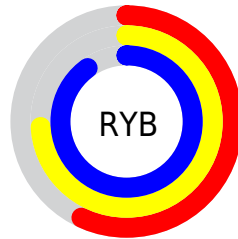
The Hex color **91E6E4** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E69193**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **CAFFFF**, and **59AEAD** is the 20% darker color. If you saturate the color by 10%, you get **7AE6E3**, and if you desaturate by 10%, it is **A8E6E5**.

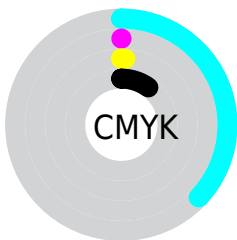
Distribution



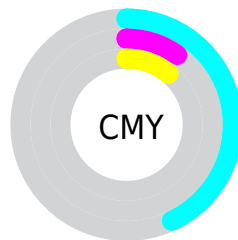
- Red (57%)
- Green (90%)
- Blue (89%)



- Red (57%)
- Yellow (74%)
- Blue (90%)



- Cyan (37%)
- Magenta (0%)
- Yellow (1%)
- Black (10%)




- Cyan (43%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91E6E4 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 91E6E4 by changing the saturation by 10% instead.

 91E6E4

 91E6E4

FFFFFF

 75CAC8

 CAFFFF

 59AEAD

 E7FFFF

 3C9392

 1A7978

 006060


 004848

 003132

 001E1D

 000001

 91E6E4

 91E6E4

 7AE6E3

 A8E6E5

 63E6E3

 BFE6E5

 4CE6E2

 D6E6E6

 35E6E2

 EDE6E6

 1EE6E1

 FFE6E7

 07E6E1

 FFE6E8

 00E6E1

 FFE6E9

Harmonies

Analogous

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



A4E5CA



91E6E4



92E3FB

Triad

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



91E6E4



ECCDFC



F6D1A6

Complementary

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



91E6E4



E69193

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.



FFCAB4



91E6E4



FFC6E5

Square

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



91E6E4



CBD5FF



FFC5CB



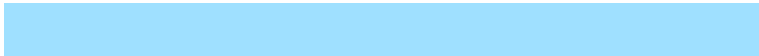
DDDA6

Rectangle

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



91E6E4



9FE0FF



FFC5CB



FDCFAA

Sweetspot

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



91E6E4



E3FFFE



94E691



6F807F



000000



808080

Same Dimension

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



91E6E4



8FFFC



91BEE6



677372



00B3AE



003332

Inverse Universe

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



E69193



FF8F91



E6B991



736768



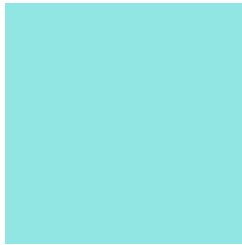
B30004



330001

Previews

White Background



This preview shows how the Hex color 91E6E4 looks on a white background.

Color Contrast Check

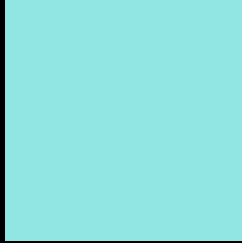
Large Text (above 18pt) WCAG AA × Fail

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 91E6E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

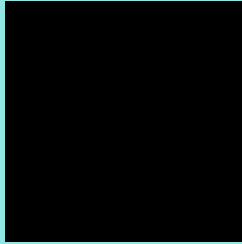
Any Text WCAG AA ✓ Pass

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 91E6E4 Background



This preview shows how black text looks on a background with the Hex color 91E6E4.

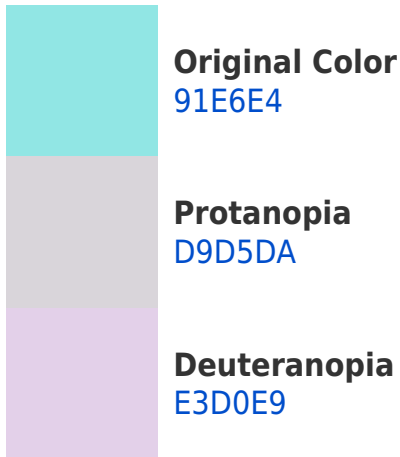


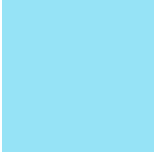
This preview shows how white text looks on a background with the Hex color 91E6E4.

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



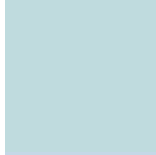


Tritanopia
96E3F6

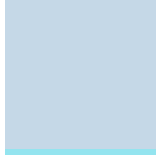
Trichromacy



Original Color
91E6E4



Protanomaly
BFDBDE



Deuteranomaly
C5D8E7

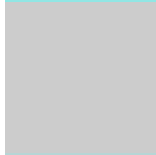


Tritanomaly
94E4EF

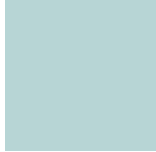
Monochromacy



Original Color
91E6E4



Achromatopsia
CCCCCC



Achromatomaly
B7D5D5

CSS Examples

Text

The CSS property to change the color of the text to Hex 91E6E4 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 #91E6E4 looks like.

```
.text, #text, p{  
    color:#91E6E4  
}
```

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 #91E6E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91E6E4
}
```

Border

The CSS property to change the border of an element to Hex 91E6E4 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
#91E6E4 }
```

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

```
.border{ border-color:#91E6E4 }
```

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

Here you see how a box with a 4 pixel #91E6E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91E6E4; -webkit-box-shadow:4px 4px  
4px 4px #91E6E4; box-shadow:4px 4px 4px  
4px #91E6E4 }
```

Background

The CSS property to change the background color of an element to Hex 91E6E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91E6E4 }
```

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

```
.background{ background-color:#91E6E4 }
```

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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