

# Converting Colors

Hex(91FFE0)

Have a look what the booklet for  
Hex(91FFE0) contains.

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**Color**

**Hex(91FFE0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91FFE0
RGB	145, 255, 224
RGB Percent	57%, 100%, 88%
CMY	0.4314, 0.0000, 0.1216
CMYK	0.43, 0.00, 0.12, 0.00
HSL	163°, 100%, 78%
HSV	163°, 43%, 100%
XYZ	60.8916, 82.9216, 83.3171
YIQ	218.5760, -55.6090, -32.9610

# Conversions

## Conversions Part 2

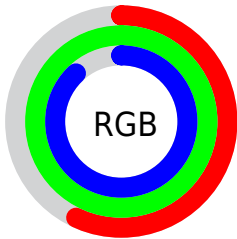
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 209, 255
Decimal	9568224
CIELab	92.98, -38.71, 4.97
CIELCh	93, 39.027, 172.690
Yxy	82.9216, 0.2681, 0.3651
Android (android.graphics.Color)	4287758304 (0xFF91FFE0)
YUV	218.5760, 2.6740, -64.5262
Hunter-Lab	91.0613, -39.9964, 9.4951

# Details

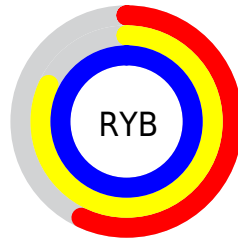
The Hex color **91FFE0** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF91B0**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **CBFFFF**, and **57C6A9** is the 20% darker color. If you saturate the color by 10%, you get **78FFD9**, and if you desaturate by 10%, it is **ABFFE7**.

# Distribution



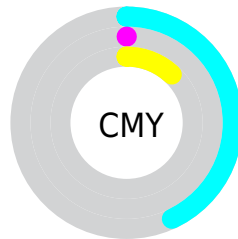
- Red (57%)
- Green (100%)
- Blue (88%)



- Red (57%)
- Yellow (82%)
- Blue (100%)



- Cyan (43%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)



- Cyan (43%)
- Magenta (0%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91FFE0 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 91FFE0 by changing the saturation by 10% instead.



 91FFE0

 91FFE0

FFFFFF


 74E2C4

 CBFFFF


 57C6A9

 E9FFFF

 37AA8E

 088F75

 00755C

 005C45

 00432E

 002C1A

 001200

 91FFE0

 91FFE0

 78FFD9

 ABFFE7

 5EFFD2


 C4FFEE

 44FFCA

 DEFFF6

 2BFFC3

 F7FFFD

 11FFBC

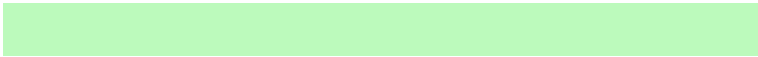
FFFFFF

 00FFB7

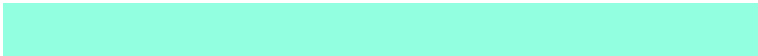
# Harmonies

## Analogous

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



BCFABC



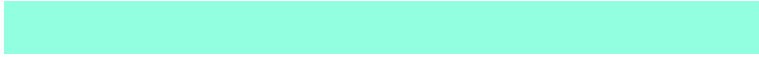
91FFE0



72FFFF

# Triad

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



91FFE0



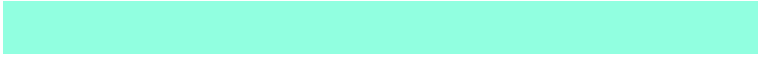
E3E4FF



FFD9B1

# Complementary

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



91FFE0



FF91B0

# 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.



FFD0D0



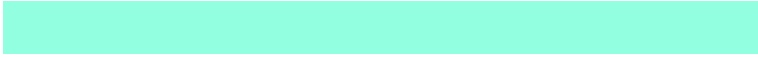
91FFE0



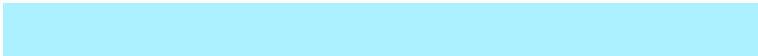
FFD8FF

# Square

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



91FFE0



ABF1FF



FFD0F6



FFE5A0

# Rectangle

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



91FFE0



73FDFF



FFD0F6

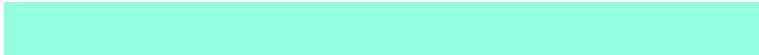


FFD5BA

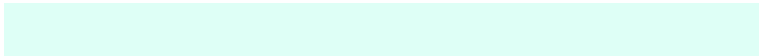


# Sweetspot

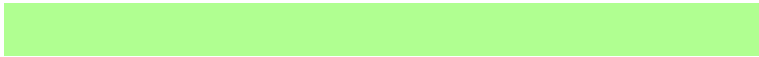
The Sweet Spot groups the original color and five complimentary colors.



91FFE0



DEFFF6



B0FF91



6B807A



000000

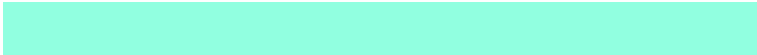


808080



# Same Dimension

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



91FFE0



7AFFDA



91E7FF



73807C



00BF89



00402E



# Inverse Universe

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



FF91B0



FF7AA0



FFA991



807376



BF0036

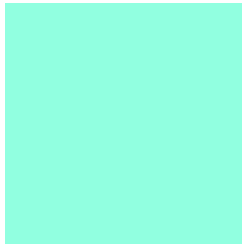


400012



# Previews

## White Background



This preview shows how the Hex color 91FFE0 looks on a white background.

## Color Contrast Check

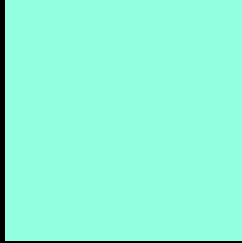
Large Text (above 18pt) WCAG AA × Fail

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 91FFE0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

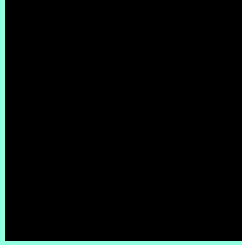
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91FFE0 Background



This preview shows how black text looks on a background with the Hex color 91FFE0.

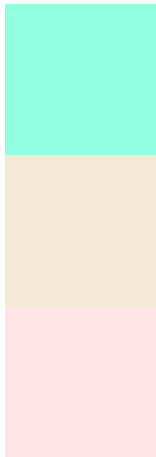


This preview shows how white text looks on a background with the Hex color 91FFE0.

# 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](#).

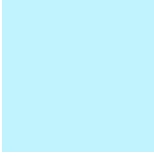
## Dichromacy



**Original Color**  
91FFE0

**Protanopia**  
F3E9D4

**Deuteranopia**  
FFE3E6



**Tritanopia**  
C1F3FF

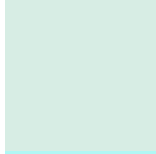
# Trichromacy



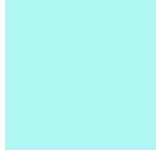
**Original Color**  
91FFE0



**Protanomaly**  
CFF1D8

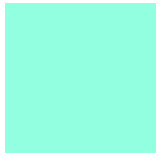


**Deuteranomaly**  
D7EDE4

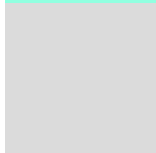


**Tritanomaly**  
B0F7F4

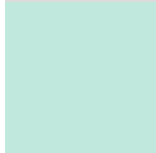
# Monochromacy



**Original Color**  
91FFE0



**Achromatopsia**  
DBDBDB



**Achromatomaly**  
C0E8DD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91FFE0 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 #91FFE0 looks like.

```
.text, #text, p{  
    color:#91FFE0  
}
```

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 #91FFE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91FFE0  
}
```

## Border

The CSS property to change the border of an element to Hex 91FFE0 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  
#91FFE0 }
```

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

```
.border{ border-color:#91FFE0 }
```

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

Here you see how a box with a 4 pixel #91FFE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91FFE0; -webkit-box-shadow:4px 4px  
4px 4px #91FFE0; box-shadow:4px 4px 4px  
4px #91FFE0 }
```

# Background

The CSS property to change the background color of an element to Hex 91FFE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91FFE0 }
```

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

```
.background{ background-color:#91FFE0 }
```

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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