

Converting Colors

Hex(90FBE0)

Have a look what the booklet for
Hex(90FBE0) contains.

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Color

Hex(90FBE0)

Conversions

Conversions Part 1

Format	Color
Hex	90FBE0
RGB	144, 251, 224
RGB Percent	56%, 98%, 88%
CMY	0.4353, 0.0157, 0.1216
CMYK	0.43, 0.00, 0.11, 0.02
HSL	165°, 93%, 77%
HSV	165°, 43%, 98%
XYZ	59.4533, 80.3055, 82.8880
YIQ	215.9290, -55.1050, -31.0810

Conversions

Conversions Part 2

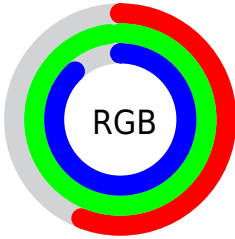
Format	Color
RYB	144, 205, 251
Decimal	9501664
CIELab	91.82, -37.14, 3.28
CIELCh	92, 37.282, 174.948
Yxy	80.3055, 0.2670, 0.3607
Android (android.graphics.Color)	4287691744 (0xFF90FBE0)
YUV	215.9290, 3.9790, -63.0817
Hunter-Lab	89.6133, -38.3987, 7.8889

Details

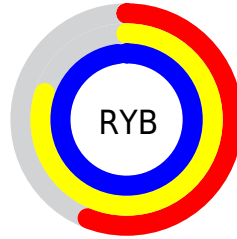
The Hex color **90FBE0** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FB90AB**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **CAFFFF**, and **56C2A9** is the 20% darker color. If you saturate the color by 10%, you get **77FBDA**, and if you desaturate by 10%, it is **A9FBE6**.

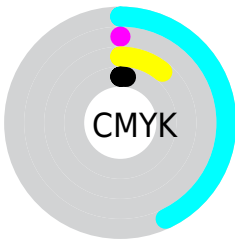
Distribution



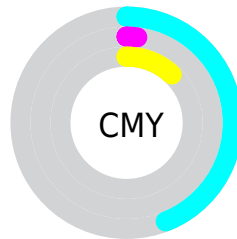
- Red (56%)
- Green (98%)
- Blue (88%)



- Red (56%)
- Yellow (80%)
- Blue (98%)



- Cyan (43%)
- Magenta (0%)
- Yellow (11%)
- Black (2%)



- Cyan (44%)
- Magenta (2%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90FBE0 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 90FBE0 by changing the saturation by 10% instead.

 90FBE0

FFFFFF

 CAFFFF

 E8FFFF

 90FBE0

 73DEC4

 56C2A9

 37A68E

 098C75

 00725C

 005845

 00402F

 002A1A

 000C00

 90FBEO

 90FBEO

 77FBDA

 A9FBEO

 5EFBD3

 C2FBED

 45FBCD

 DBFBF3

 2CFBC7

 F4FBF9

 13FBC0

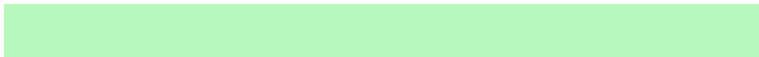
 FFFBFF

 00FBBC

Harmonies

Analogous

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



B8F7BD



90FBEO



76FBFF

Triad

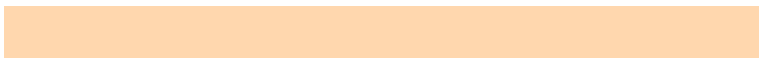
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90FBEO



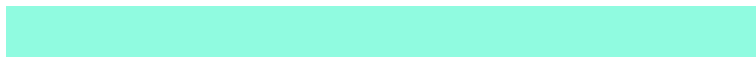
E4E0FF



FFD7AE

Complementary

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



90FBEO



FB90AB

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.



FFCFCB



90FBEO



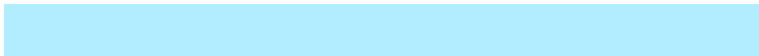
FFD4FF

Square

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



90FBEO



B0EDFF



FFCDEF



FFE3A0

Rectangle

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



90FBEO



79F8FF



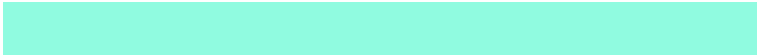
FFCDEF



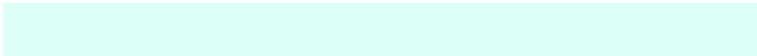
FFD4B7

Sweetspot

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



90FBE0



DEFFF7



ADFB90



6B807A



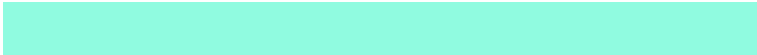
000000



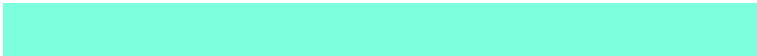
808080

Same Dimension

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



90FBEO



7DFFDE



90E2FB



707D7A



00BD8D



003D2E

Inverse Universe

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



FB90AB



FF7D9E



FBA990



7D7074



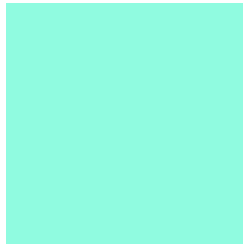
BD0030



3D000F

Previews

White Background



This preview shows how the Hex color 90FBE0 looks on a white background.

Color Contrast Check

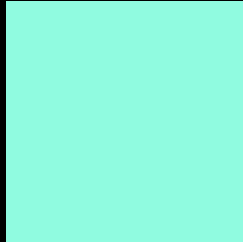
Large Text (above 18pt) WCAG AA × Fail

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 90FBE0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

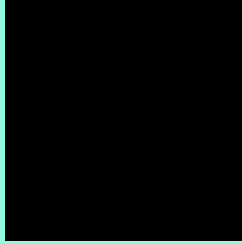
Any Text WCAG AA ✓ Pass

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 90FBE0 Background



This preview shows how black text looks on a background with the Hex color 90FBE0.



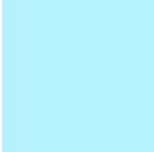
This preview shows how white text looks on a background with the Hex color 90FBE0.

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
B6F1FF

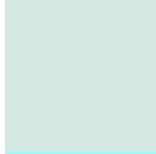
Trichromacy



Original Color
90FBE0



Protanomaly
CCEDD8

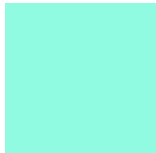


Deuteranomaly
D5E9E4

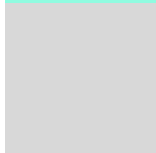


Tritanomaly
A8F5F4

Monochromacy



Original Color
90FBE0



Achromatopsia
D8D8D8



Achromatomaly
BEE5DB

CSS Examples

Text

The CSS property to change the color of the text to Hex 90FBE0 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 #90FBE0 looks like.

```
.text, #text, p{  
    color:#90FBE0  
}
```

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 #90FBE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90FBE0  
}
```

Border

The CSS property to change the border of an element to Hex 90FBE0 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  
#90FBE0 }
```

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

```
.border{ border-color:#90FBE0 }
```

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

Here you see how a box with a 4 pixel #90FBE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90FBE0; -webkit-box-shadow:4px 4px  
4px 4px #90FBE0; box-shadow:4px 4px 4px  
4px #90FBE0 }
```

Background

The CSS property to change the background color of an element to Hex 90FBE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90FBE0 }
```

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

```
.background{ background-color:#90FBE0 }
```

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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