

# Converting Colors

Hex(B1FCEB)

Have a look what the booklet for  
Hex(B1FCEB) contains.

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# **Color**

**Hex(B1FCEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1FCEB
RGB	177, 252, 235
RGB Percent	69%, 99%, 92%
CMY	0.3059, 0.0118, 0.0784
CMYK	0.30, 0.00, 0.07, 0.01
HSL	166°, 93%, 84%
HSV	166°, 30%, 99%
XYZ	67.9373, 84.9661, 91.4167
YIQ	227.6370, -39.2430, -21.1870

# Conversions

## Conversions Part 2

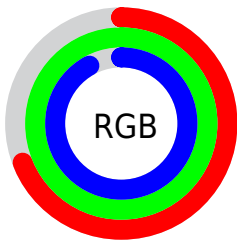
Format	Color
<b>RYB</b>	177, 219, 252
Decimal	11664619
CIELab	93.87, -26.52, 0.75
CIElCh	94, 26.528, 178.376
Yxy	84.9661, 0.2781, 0.3478
Android (android.graphics.Color)	4289854699 (0xFFB1FCEB)
YUV	227.6370, 3.6300, -44.4086
Hunter-Lab	92.1770, -29.7499, 5.7230

# Details

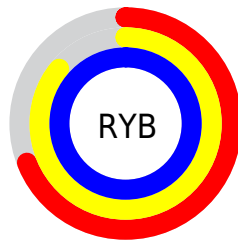
The Hex color **B1FCEB** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FCB1C2**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **EAFFFF**, and **7AC3B3** is the 20% darker color. If you saturate the color by 10%, you get **98FCE5**, and if you desaturate by 10%, it is **CAFCE1**.

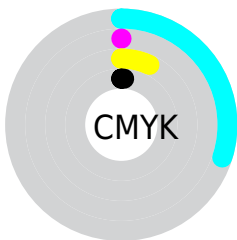
# Distribution



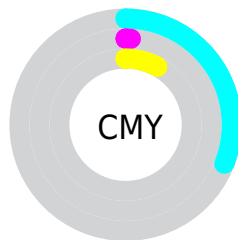
- Red (69%)
- Green (99%)
- Blue (92%)



- Red (69%)
- Yellow (86%)
- Blue (99%)



- Cyan (30%)
- Magenta (0%)
- Yellow (7%)
- Black (1%)



- Cyan (31%)
- Magenta (1%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1FCEB 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 B1FCEB by changing the saturation by 10% instead.



 B1FCEB

 B1FCEB

FFFFFF

 95DFCF

 EAFFFF

 7AC3B3

 5FA899

 448D7F

 287366

 025A4E

 004337

 002C22

 00160B

 B1FCEB

 B1FCEB

 98FCE5

 CAFCF1

 7FFCE0

 E3FCF6

 65FCDA

 FDFCFC

 4CFCD4

 FFFCFF

 33FCCE

 1AFCC9

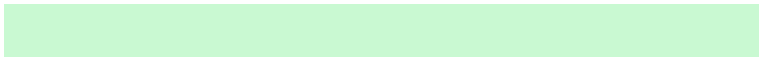
 01FCC3

 00FCC3

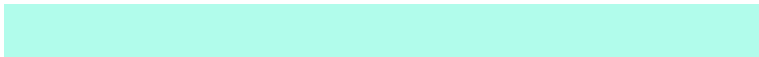
# Harmonies

## Analogous

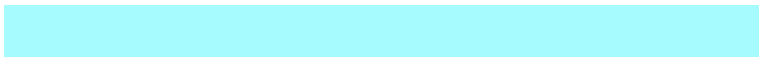
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C9F9D2



B1FCEB



A6FBFF

# Triad

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



B1FCEB



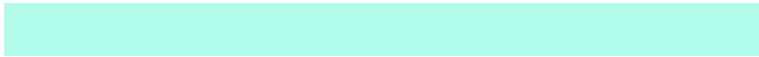
F0E7FF



FFE3C3

# Complementary

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



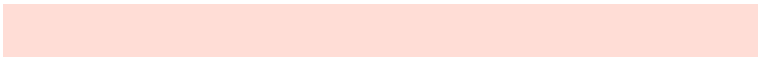
B1FCEB



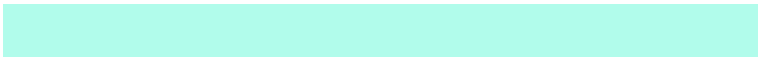
FCB1C2

# 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.



FFDDD6



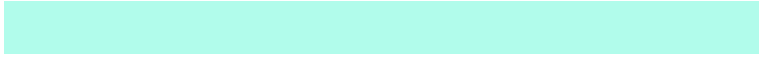
B1FCEB



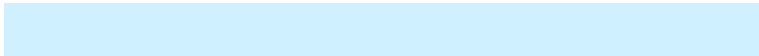
FFDFFF

# Square

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



B1FCEB



CEF0FF



FFDBF0



FFE8B8

# Rectangle

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



**B1FCEB**



**ABF9FF**



**FFDBF0**



**FFE0C8**



# Sweetspot

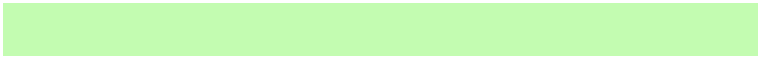
The Sweet Spot groups the original color and five complimentary colors.



B1FCEB



E8FFFA



C3FCB1



71807C



000000

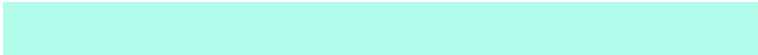


808080

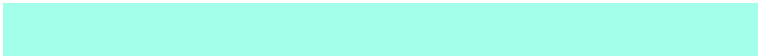


# Same Dimension

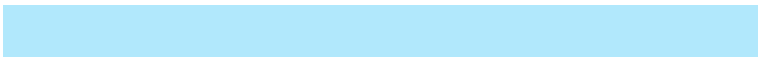
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B1FCEB



A3FFEA



B1E8FC



707D7A



00BD92



003D2F



# Inverse Universe

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



FCB1C2



FFA3B8



FCC5B1



7D7073



BD002B

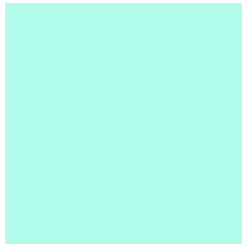


3D000E



# Previews

## White Background



This preview shows how the Hex color B1FCEB looks on a white background.

## Color Contrast Check

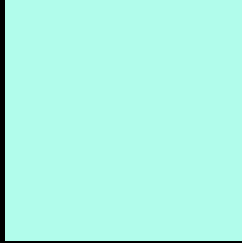
Large Text (above 18pt) WCAG AA × Fail

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 B1FCEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

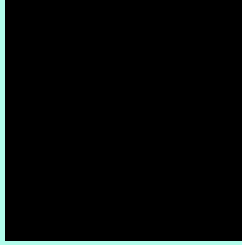
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B1FCEB Background



This preview shows how black text looks on a background with the Hex color B1FCEB.

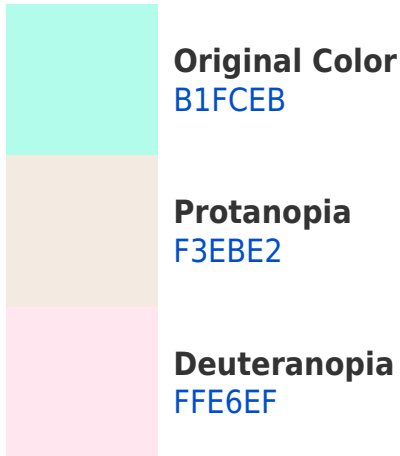


This preview shows how white text looks on a background with the Hex color B1FCEB.

# 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



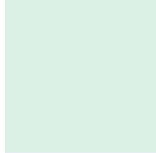


**Tritanopia**  
D0F3FF

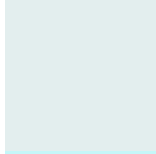
# Trichromacy



**Original Color**  
B1FCEB



**Protanomaly**  
DBF1E5

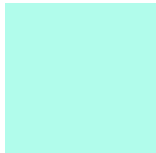


**Deuteranomaly**  
E3EEEE

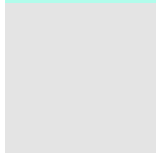


**Tritanomaly**  
C5F6F8

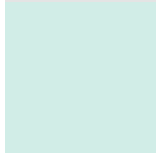
# Monochromacy



**Original Color**  
B1FCEB



**Achromatopsia**  
E4E4E4



**Achromatomaly**  
D1EDE7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1FCEB 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 #B1FCEB looks like.

```
.text, #text, p{  
    color:#B1FCEB  
}
```

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 #B1FCEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1FCEB
}
```

## Border

The CSS property to change the border of an element to Hex B1FCEB 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
#B1FCEB }
```

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

```
.border{ border-color:#B1FCEB }
```

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

Here you see how a box with a 4 pixel #B1FCEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1FCEB; -webkit-box-shadow:4px 4px  
4px 4px #B1FCEB; box-shadow:4px 4px 4px  
4px #B1FCEB }
```

# Background

The CSS property to change the background color of an element to Hex B1FCEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1FCEB }
```

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

```
.background{ background-color:#B1FCEB }
```

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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