

# Converting Colors

Hex(B1F8E4)

Have a look what the booklet for  
Hex(B1F8E4) contains.

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# **Color**

**Hex(B1F8E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1F8E4
RGB	177, 248, 228
RGB Percent	69%, 97%, 89%
CMY	0.3059, 0.0275, 0.1059
CMYK	0.29, 0.00, 0.08, 0.03
HSL	163°, 84%, 83%
HSV	163°, 29%, 97%
XYZ	65.7025, 82.0834, 85.7796
YIQ	224.4910, -35.8960, -21.2720

# Conversions

## Conversions Part 2

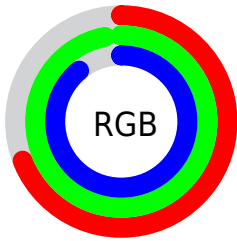
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	177, 218, 248
Decimal	11663588
CIE <sub>Lab</sub>	92.61, -26.06, 2.55
CIE <sub>LCh</sub>	93, 26.180, 174.421
Yxy	82.0834, 0.2813, 0.3514
Android (android.graphics.Color)	4289853668 (0xFFB1F8E4)
YUV	224.4910, 1.7299, -41.6496
Hunter-Lab	90.5999, -29.1027, 7.2844

# Details

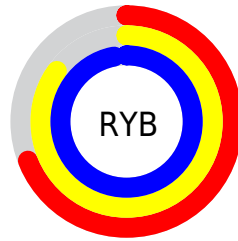
The Hex color **B1F8E4** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F8B1C5**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **EAFFFF**, and **7ABFAD** is the 20% darker color. If you saturate the color by 10%, you get **98F8DD**, and if you desaturate by 10%, it is **CAF8EB**.

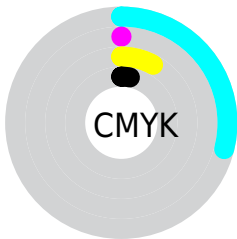
# Distribution



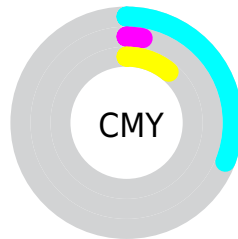
- Red (69%)
- Green (97%)
- Blue (89%)



- Red (69%)
- Yellow (85%)
- Blue (97%)



- Cyan (29%)
- Magenta (0%)
- Yellow (8%)
- Black (3%)



- Cyan (31%)
- Magenta (3%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1F8E4 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 B1F8E4 by changing the saturation by 10% instead.



 B1F8E4

 B1F8E4

FFFFFF

 95DBC8

 EAFFFF

 7ABFAD

 60A492

 458A78

 2A7060

 095748

 003F32

 00291D

 001103

 B1F8E4

 B1F8E4

 98F8DD

 CAF8EB

 7FF8D6

 E3F8F2

 67F8CF

 FBF8F9

 4EF8C8

 FFF8FF

 35F8C1

 1CF8BA

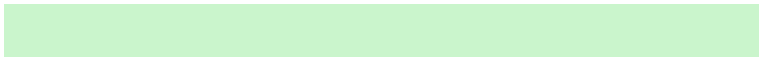
 03F8B3

 00F8B2

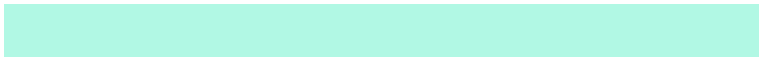
# Harmonies

## Analogous

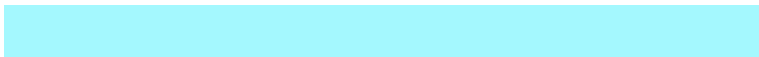
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CAF5CC



B1F8E4



A4F8FE

# Triad

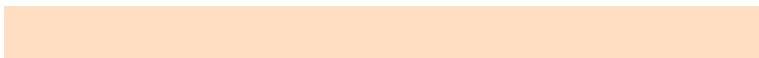
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B1F8E4



E8E5FF



FFDEC2

# Complementary

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



B1F8E4



F8B1C5

# 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.



FFD9D6



B1F8E4



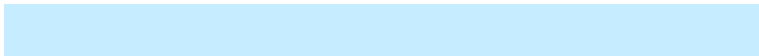
FFDDFF

# Square

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



B1F8E4



C6EDFF



FFD8F0



FFE6B8

# Rectangle

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



**B1F8E4**



**A7F6FF**



**FFD8F0**

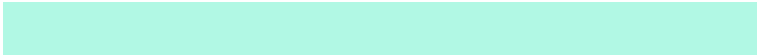


**FFDCC8**

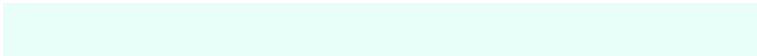


# Sweetspot

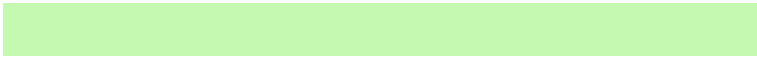
The Sweet Spot groups the original color and five complimentary colors.



B1F8E4



E8FFF9



C5F8B1



71807C



000000



808080



# Same Dimension

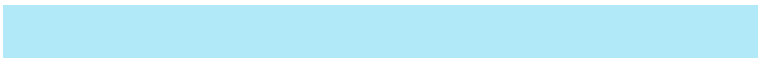
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B1F8E4



A8FFE7



B1E9F8



707D79



00BD88



003D2C



# Inverse Universe

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



F8B1C5



FFA8C1



F8C0B1



7D7074



BD0035

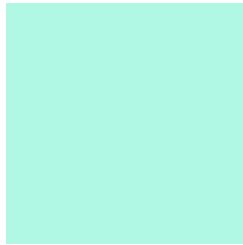


3D0011



# Previews

## White Background



This preview shows how the Hex color B1F8E4 looks on a white background.

## Color Contrast Check

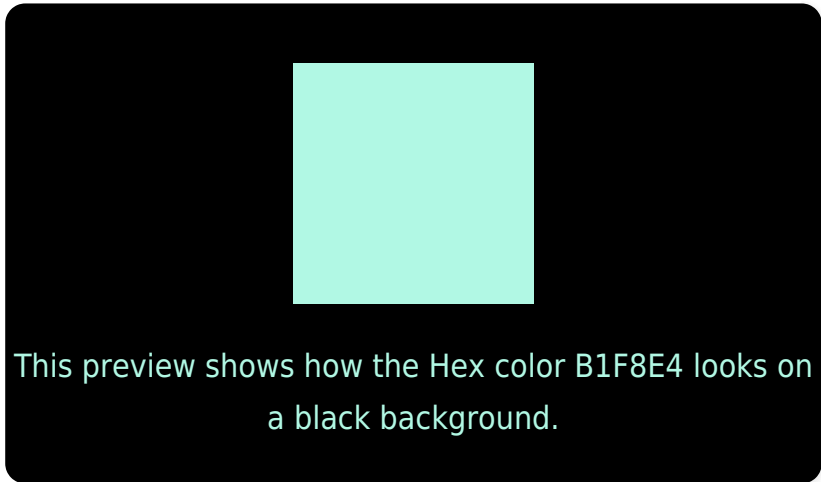
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

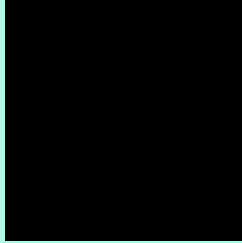
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B1F8E4 Background



This preview shows how black text looks on a background with the Hex color B1F8E4.

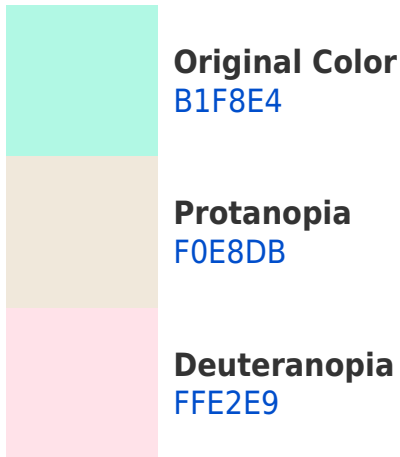


This preview shows how white text looks on a background with the Hex color B1F8E4.

# 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



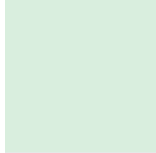


**Tritanopia**  
C7F0FF

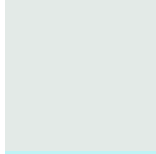
# Trichromacy



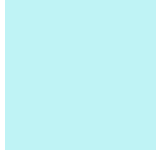
**Original Color**  
B1F8E4



**Protanomaly**  
D9EEDE

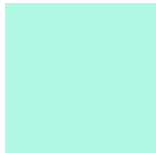


**Deuteranomaly**  
E3EAE7

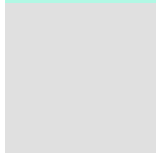


**Tritanomaly**  
BFF3F5

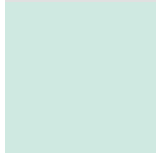
# Monochromacy



**Original Color**  
B1F8E4



**Achromatopsia**  
E0E0E0



**Achromatomaly**  
CFE9E1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1F8E4 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 #B1F8E4 looks like.

```
.text, #text, p{  
    color:#B1F8E4  
}
```

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 #B1F8E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1F8E4
}
```

## Border

The CSS property to change the border of an element to Hex B1F8E4 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
#B1F8E4 }
```

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

```
.border{ border-color:#B1F8E4 }
```

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

Here you see how a box with a 4 pixel #B1F8E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1F8E4; -webkit-box-shadow:4px 4px  
4px 4px #B1F8E4; box-shadow:4px 4px 4px  
4px #B1F8E4 }
```

# Background

The CSS property to change the background color of an element to Hex B1F8E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1F8E4 }
```

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

```
.background{ background-color:#B1F8E4 }
```

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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