

Converting Colors

Hex(BBF7E4)

Have a look what the booklet for
Hex(BBF7E4) contains.

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Color

Hex(BBF7E4)

Conversions

Conversions Part 1

Format	Color
Hex	BBF7E4
RGB	187, 247, 228
RGB Percent	73%, 97%, 89%
CMY	0.2667, 0.0314, 0.1059
CMYK	0.24, 0.00, 0.08, 0.03
HSL	161°, 79%, 85%
HSV	161°, 24%, 97%
XYZ	67.7579, 82.6878, 85.7879
YIQ	226.8940, -29.6610, -18.6290

Conversions

Conversions Part 2

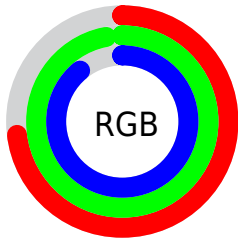
Format	Color
R _Y B	187, 223, 247
Decimal	12318692
CIE Lab	92.88, -22.64, 3.00
CIE LCh	93, 22.837, 172.457
Yxy	82.6878, 0.2868, 0.3500
Android (android.graphics.Color)	4290508772 (0xFFBBF7E4)
YUV	226.8940, 0.5453, -34.9870
Hunter-Lab	90.9328, -26.1245, 7.7175

Details

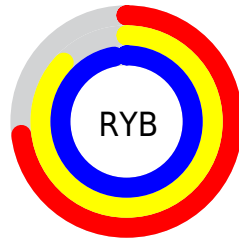
The Hex color **BBF7E4** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F7BBCE**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **F4FFFF**, and **84BEAD** is the 20% darker color. If you saturate the color by 10%, you get **A2F7DC**, and if you desaturate by 10%, it is **D4F7EC**.

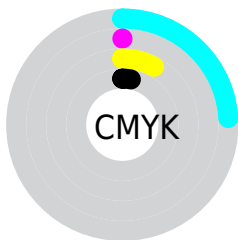
Distribution



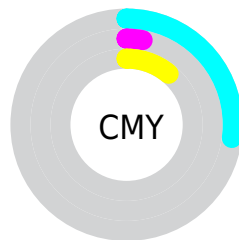
- Red (73%)
- Green (97%)
- Blue (89%)



- Red (73%)
- Yellow (87%)
- Blue (97%)



- Cyan (24%)
- Magenta (0%)
- Yellow (8%)
- Black (3%)



- Cyan (27%)
- Magenta (3%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color `BBF7E4` 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 `BBF7E4` by changing the saturation by 10% instead.

 BBF7E4

 BBF7E4

FFFFFF

 9FDAC8

 F4FFFF

 84BEAD

 6AA392

 508978

 376F60

 1D5748

 003F32

 00291D

 001203

 BBF7E4

 BBF7E4

 A2F7DC

 D4F7EC

 8AF7D4

 ECF7F4

 71F7CD

 FFF7FB

 58F7C5

 FFF7FF

 3FF7BD

 27F7B5

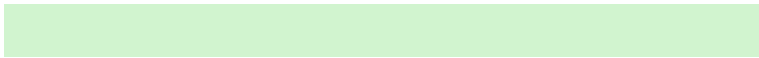
 0EF7AD

 00F7A9

Harmonies

Analogous

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



D1F4CF



BBF7E4



B0F7FA

Triad

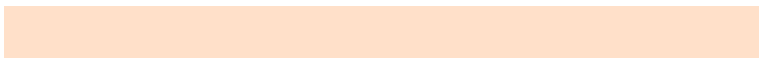
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BBF7E4



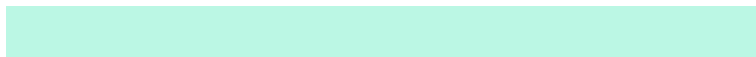
E7E7FF



FFE0C9

Complementary

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



BBF7E4



F7BBCE

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.



FFDCDB



BBF7E4



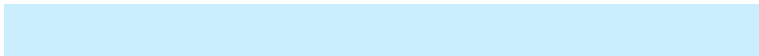
FFE0FF

Square

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



BBF7E4



CBEEFF



FFDCF1



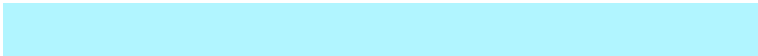
FFE7BF

Rectangle

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



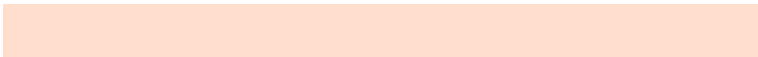
BBF7E4



B1F5FF



FFDCF1



FFDECE

Sweetspot

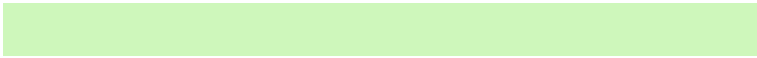
The Sweet Spot groups the original color and five complimentary colors.



BBF7E4



EDFFF9



CEF7BB



75807C



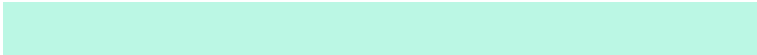
000000



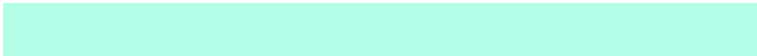
808080

Same Dimension

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



BBF7E4



B5FFE8



BBECF7



6E7A77



00BA7F



003B28

Inverse Universe

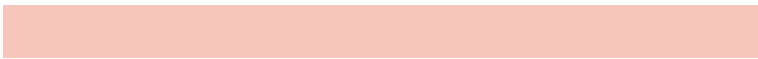
The Inverse Universe completely reimagines the original color for something new.



F7BBCE



FFB5CC



F7C6BB



7A6E72



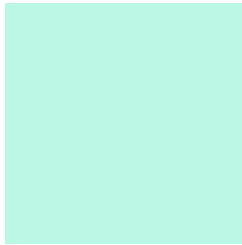
BA003B



3B0013

Previews

White Background



This preview shows how the Hex color BBF7E4 looks on a white background.

Color Contrast Check

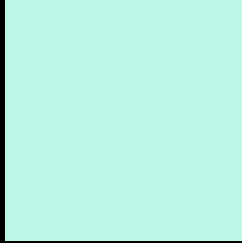
Large Text (above 18pt) WCAG AA × Fail

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 BBF7E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

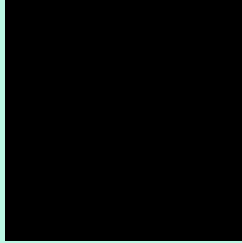
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

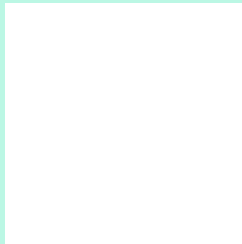
Any Text WCAG AAA ✓ Pass

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

Hex BBF7E4 Background



This preview shows how black text looks on a background with the Hex color BBF7E4.

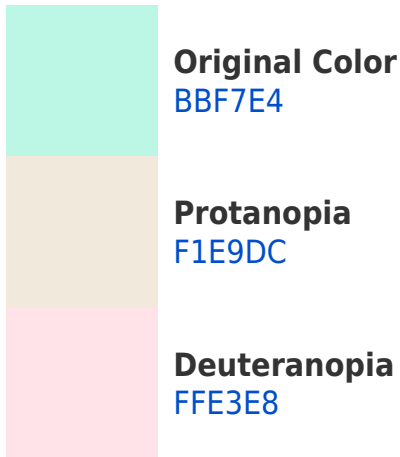


This preview shows how white text looks on a background with the Hex color BBF7E4.

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](#).

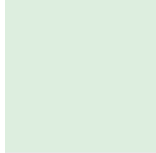
Dichromacy



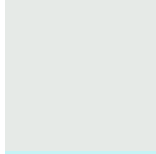
Trichromacy



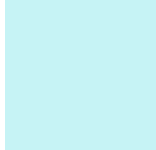
Original Color
BBF7E4



Protanomaly
DDEEDF

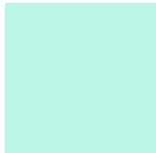


Deuteranomaly
E6EAE7

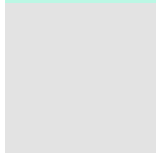


Tritanomaly
C6F3F5

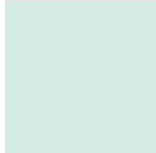
Monochromacy



Original Color
BBF7E4



Achromatopsia
E3E3E3



Achromatomaly
D4EAE3

CSS Examples

Text

The CSS property to change the color of the text to Hex BBF7E4 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 #BBF7E4 looks like.

```
.text, #text, p{  
    color:#BBF7E4  
}
```

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 #BBF7E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBF7E4
}
```

Border

The CSS property to change the border of an element to Hex BBF7E4 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
#BBF7E4 }
```

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

```
.border{ border-color:#BBF7E4 }
```

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

Here you see how a box with a 4 pixel #BBF7E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBF7E4; -webkit-box-shadow:4px 4px  
4px 4px #BBF7E4; box-shadow:4px 4px 4px  
4px #BBF7E4 }
```

Background

The CSS property to change the background color of an element to Hex BBF7E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBF7E4 }
```

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

```
.background{ background-color:#BBF7E4 }
```

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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