

# Converting Colors

Hex(B7F5E7)

Have a look what the booklet for  
Hex(B7F5E7) contains.

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# **Color**

**Hex(B7F5E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7F5E7
RGB	183, 245, 231
RGB Percent	72%, 96%, 91%
CMY	0.2824, 0.0392, 0.0941
CMYK	0.25, 0.00, 0.06, 0.04
HSL	166°, 76%, 84%
HSV	166°, 25%, 96%
XYZ	66.6047, 81.1416, 87.7528
YIQ	224.8660, -32.4580, -17.4980

# Conversions

## Conversions Part 2

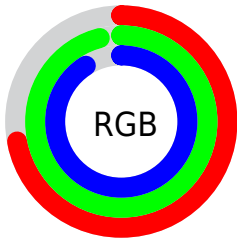
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	183, 218, 245
Decimal	12056039
CIE Lab	92.19, -22.24, 0.42
CIE LCh	92, 22.249, 178.916
Yxy	81.1416, 0.2828, 0.3446
Android (android.graphics.Color)	4290246119 (0xFFB7F5E7)
YUV	224.8660, 3.0241, -36.7165
Hunter-Lab	90.0786, -25.6537, 5.2959

# Details

The Hex color **B7F5E7** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F5B7C5**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **F0FFFF**, and **80BDAF** is the 20% darker color. If you saturate the color by 10%, you get **9FF5E1**, and if you desaturate by 10%, it is **D0F5ED**.

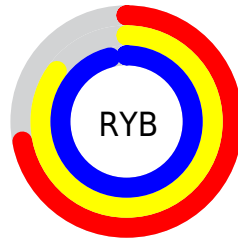
# Distribution



Red (72%)

Green (96%)

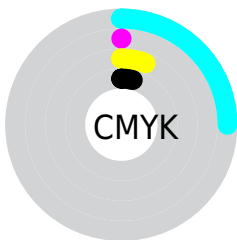
Blue (91%)



Red (72%)

Yellow (85%)

Blue (96%)

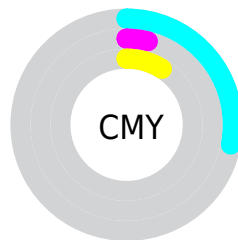


Cyan (25%)

Magenta (0%)

Yellow (6%)

Black (4%)



Cyan (28%)

Magenta (4%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7F5E7 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 B7F5E7 by changing the saturation by 10% instead.



 B7F5E7

FFFFFF

 F0FFFF

 B7F5E7

 9BD8CB

 80BDAF

 66A195

 4C877B

 336E62

 17554A

 003D34

 00271F

 000F07

 B7F5E7

 B7F5E7

 9FF5E1

 D0F5ED

 86F5DC

 E8F5F2

 6EF5D6

 FFF5F8

 55F5D1

 FFF5FD

 3CF5CB

 FFF5FF

 24F5C6

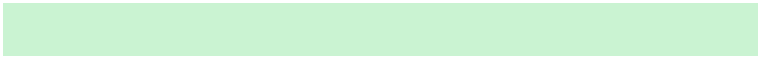
 0CF5C0

 00F5BE

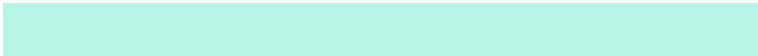
# Harmonies

## Analogous

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



CAF3D2



B7F5E7



AFF4FC

# Triad

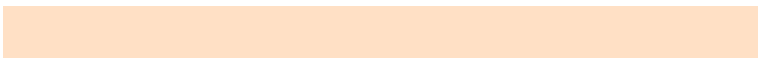
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B7F5E7



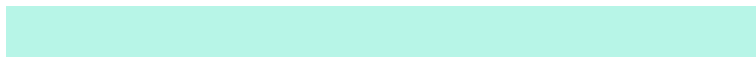
ECE3FF



FFE0C5

# Complementary

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



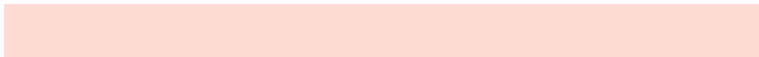
B7F5E7



F5B7C5

# 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.



FFDBD5



B7F5E7



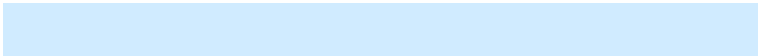
FFDDFF

# Square

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



B7F5E7



D0EBFF



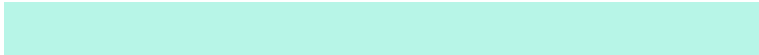
FFDAEA



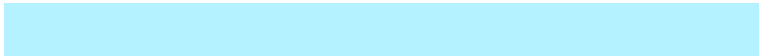
FAE7BE

# Rectangle

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



**B7F5E7**



**B4F2FF**



**FFDAEA**



**FFDEC9**



# Sweetspot

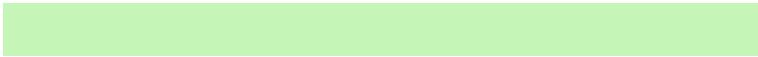
The Sweet Spot groups the original color and five complimentary colors.



B7F5E7



EBFFFA



C5F5B7



73807D



000000



808080



# Same Dimension

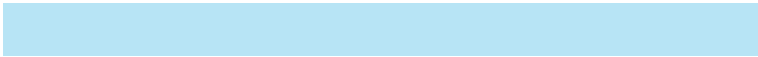
The Same Dimension uses a secret algorithm to generate beautiful new colors.



B7F5E7



B3FFEE



B7E4F5



6E7A78



00BA90



003B2D



# Inverse Universe

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



F5B7C5



FFB3C4



F5C8B7



7A6E71



BA002A

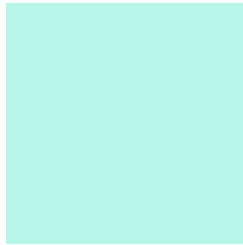


3B000D



# Previews

## White Background



This preview shows how the Hex color B7F5E7 looks on a white background.

## Color Contrast Check

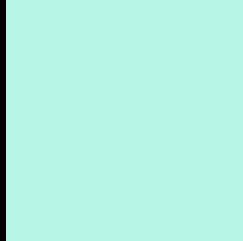
Large Text (above 18pt) WCAG AA × Fail

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 B7F5E7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

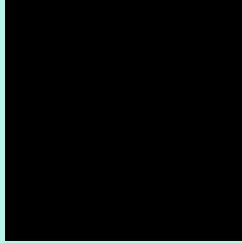
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

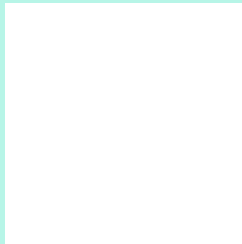
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7F5E7 Background



This preview shows how black text looks on a background with the Hex color B7F5E7.

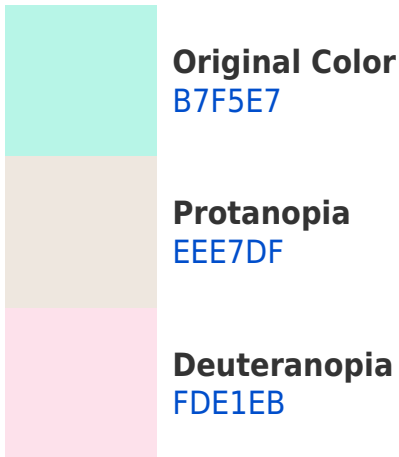


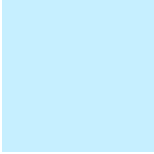
This preview shows how white text looks on a background with the Hex color B7F5E7.

# 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



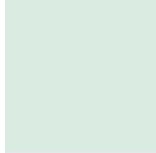


**Tritanopia**  
C6EFFF

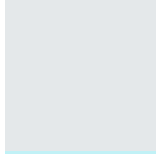
# Trichromacy



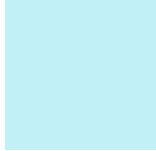
**Original Color**  
B7F5E7



**Protanomaly**  
DAECE2

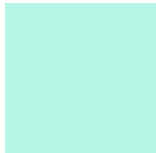


**Deuteranomaly**  
E4E8EA

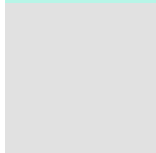


**Tritanomaly**  
C1F1F6

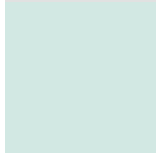
# Monochromacy



**Original Color**  
B7F5E7



**Achromatopsia**  
E1E1E1



**Achromatomaly**  
D2E8E3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7F5E7 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 #B7F5E7 looks like.

```
.text, #text, p{  
    color:#B7F5E7  
}
```

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 #B7F5E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7F5E7
}
```

## Border

The CSS property to change the border of an element to Hex B7F5E7 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
#B7F5E7 }
```

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

```
.border{ border-color:#B7F5E7 }
```

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

Here you see how a box with a 4 pixel #B7F5E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7F5E7; -webkit-box-shadow:4px 4px  
4px 4px #B7F5E7; box-shadow:4px 4px 4px  
4px #B7F5E7 }
```

# Background

The CSS property to change the background color of an element to Hex B7F5E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7F5E7 }
```

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

```
.background{ background-color:#B7F5E7 }
```

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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