

# Converting Colors

Hex(B1E7E5)

Have a look what the booklet for  
Hex(B1E7E5) contains.

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# **Color**

**Hex(B1E7E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1E7E5
RGB	177, 231, 229
RGB Percent	69%, 91%, 90%
CMY	0.3059, 0.0941, 0.1020
CMYK	0.23, 0.00, 0.01, 0.09
HSL	178°, 53%, 80%
HSV	178°, 23%, 91%
XYZ	60.8502, 72.1561, 84.8491
YIQ	214.6260, -31.5420, -12.0700

# Conversions

## Conversions Part 2

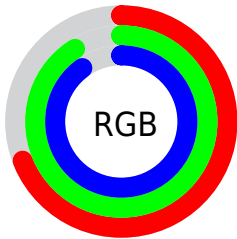
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 205, 231
Decimal	11659237
CIELab	88.04, -17.53, -4.66
CIELCh	88, 18.138, 194.887
Yxy	72.1561, 0.2793, 0.3312
Android (android.graphics.Color)	4289849317 (0xFFB1E7E5)
YUV	214.6260, 7.0864, -32.9980
Hunter-Lab	84.9447, -20.7847, 0.2381

# Details

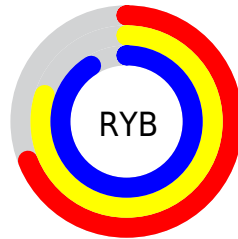
The Hex color **B1E7E5** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E7B1B3**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **EAFFFF**, and **7BAFAE** is the 20% darker color. If you saturate the color by 10%, you get **9AE7E4**, and if you desaturate by 10%, it is **C8E7E6**.

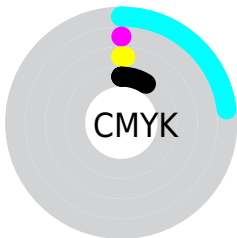
# Distribution



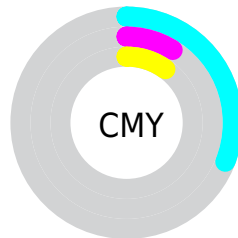
- Red (69%)
- Green (91%)
- Blue (90%)



- Red (69%)
- Yellow (80%)
- Blue (91%)



- Cyan (23%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1E7E5 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 B1E7E5 by changing the saturation by 10% instead.



 B1E7E5


FFFFFF

 EAFFFF

 B1E7E5

 96CBC9

 7BAFAE

 619593

 477B79

 2E6261

 134A49

 003332

 001E1D

 000003

 B1E7E5

 B1E7E5

 9AE7E4

 C8E7E6

 83E7E3

 DFE7E7

 6CE7E2

 F6E7E8

 55E7E2

 FFE7E8

 3EE7E1

 FFE7E9

 26E7E0

 FFE7EA

 0FE7DF

 FFE7EB

 00E7DE

 FFE7EC

 FFE7ED

# Harmonies

## Analogous

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



BCE6D3



B1E7E5



B2E5F5

# Triad

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



B1E7E5



EBD6F5



F3D9BC

# Complementary

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



B1E7E5



E7B1B3

# 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.



FFD4C5



B1E7E5



FBD2E6

# Square

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



B1E7E5



D5DBFE



FFD1D5



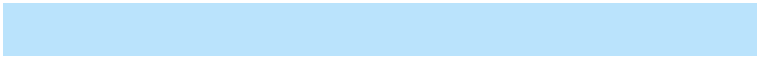
E2DEBB

# Rectangle

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



**B1E7E5**



**BAE3FC**



**FFD1D5**



**F8D7BE**



# Sweetspot

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



B1E7E5



EDFFFE



B4E7B1



75807F



000000



808080



# Same Dimension

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



B1E7E5



B8FFFC



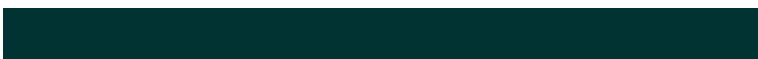
B1CFE7



677372



00B3AC



003331



# Inverse Universe

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



E7B1B3



FFB8BA



E7C9B1



736768



B30007

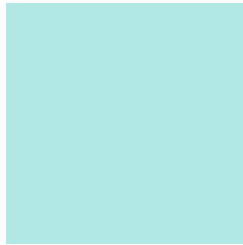


330002



# Previews

## White Background



This preview shows how the Hex color B1E7E5 looks on a white background.

## Color Contrast Check

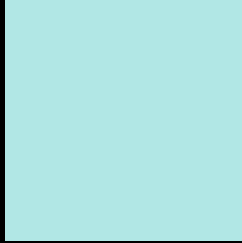
Large Text (above 18pt) WCAG AA × Fail

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 B1E7E5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

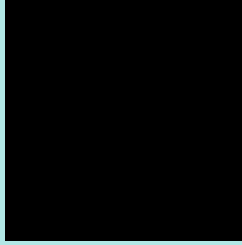
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

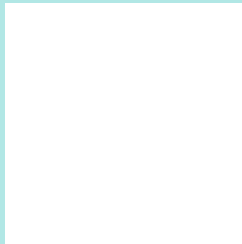
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B1E7E5 Background



This preview shows how black text looks on a background with the Hex color B1E7E5.

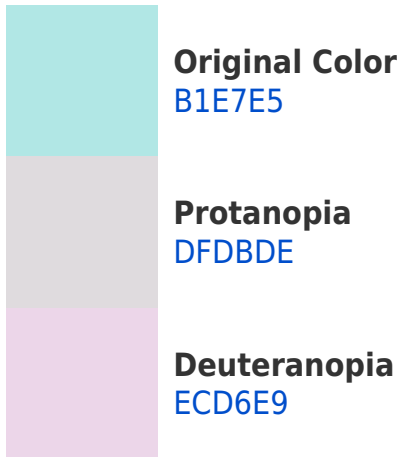


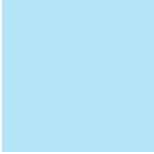
This preview shows how white text looks on a background with the Hex color B1E7E5.

# 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



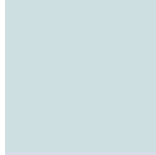


**Tritanopia**  
B5E4F7

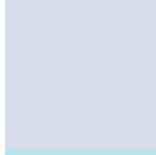
# Trichromacy



**Original Color**  
B1E7E5



**Protanomaly**  
CEDFE1



**Deuteranomaly**  
D7DCE8

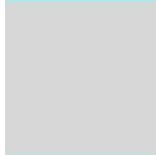


**Tritanomaly**  
B4E5F0

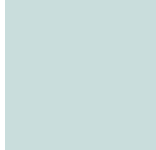
# Monochromacy



**Original Color**  
B1E7E5



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
C9DDDC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1E7E5 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 #B1E7E5 looks like.

```
.text, #text, p{  
    color:#B1E7E5  
}
```

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 #B1E7E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1E7E5
}
```

## Border

The CSS property to change the border of an element to Hex B1E7E5 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
#B1E7E5 }
```

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

```
.border{ border-color:#B1E7E5 }
```

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

Here you see how a box with a 4 pixel #B1E7E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1E7E5; -webkit-box-shadow:4px 4px  
4px 4px #B1E7E5; box-shadow:4px 4px 4px  
4px #B1E7E5 }
```

# Background

The CSS property to change the background color of an element to Hex B1E7E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1E7E5 }
```

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

```
.background{ background-color:#B1E7E5 }
```

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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