

# Converting Colors

Hex(B1E3EC)

Have a look what the booklet for  
Hex(B1E3EC) contains.

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# **Color**

**Hex(B1E3EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1E3EC
RGB	177, 227, 236
RGB Percent	69%, 89%, 93%
CMY	0.3059, 0.1098, 0.0745
CMYK	0.25, 0.04, 0.00, 0.07
HSL	189°, 61%, 81%
HSV	189°, 25%, 93%
XYZ	60.7409, 70.3414, 89.7327
YIQ	213.0760, -32.6890, -7.8010

# Conversions

## Conversions Part 2

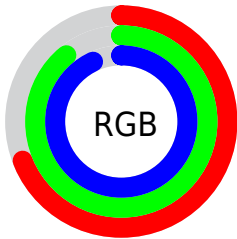
Format	Color
<b>RYB</b>	177, 204, 236
Decimal	11658220
CIELab	87.16, -14.00, -9.64
CIELCh	87, 16.996, 214.563
Yxy	70.3414, 0.2751, 0.3186
Android (android.graphics.Color)	4289848300 (0xFFB1E3EC)
YUV	213.0760, 11.3015, -31.6387
Hunter-Lab	83.8698, -17.4974, -4.7258

# Details

The Hex color **B1E3EC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **ECBAB1**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **EAEAEAE**, and **7BACB4** is the 20% darker color. If you saturate the color by 10%, you get **99DFEC**, and if you desaturate by 10%, it is **C9E7EC**.

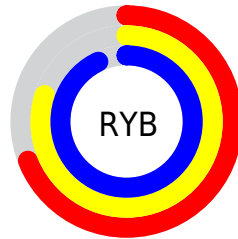
# Distribution



Red (69%)

Green (89%)

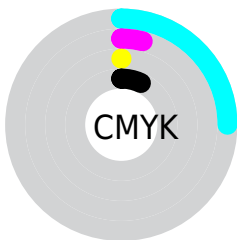
Blue (93%)



Red (69%)

Yellow (80%)

Blue (93%)

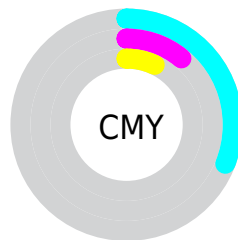


Cyan (25%)

Magenta (4%)

Yellow (0%)

Black (7%)



Cyan (31%)

Magenta (11%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1E3EC 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 B1E3EC by changing the saturation by 10% instead.



 B1E3EC

 B1E3EC

FFFFFF

 96C7D0

 EAFFFF

 7BACB4

 619199

 47777F

 2E5E66

 12474E

 003038

 001C22

 00000C

 B1E3EC

 B1E3EC

 99DFEC

 C9E7EC

 82DCEC

 E0EAEC

 6AD8EC

 F8EEEC

 53D5EC

 FFF1EC

 3BD1EC

 FFF5EC

 23CDEC

 FFF9EC

 0CCAEC

 FFFCEC

 00C8EC

 FFFFEC

# Harmonies

## Analogous

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



B4E4DC



B1E3EC



BAE0F7

# Triad

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



B1E3EC



F2D1E9



E5DABA

# Complementary

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



B1E3EC



ECBAB1

# 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.



F4D5BE



B1E3EC



FCCFD8

# Square

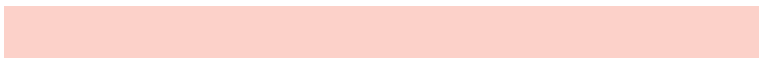
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B1E3EC



E1D5F5



FCD1C9



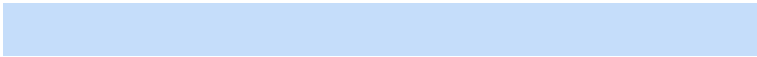
D3DFC0

# Rectangle

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



B1E3EC



C5DDFA



FCD1C9



EAD8BA

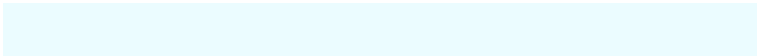


# Sweetspot

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



B1E3EC



EBFCFF



B1ECBA



737E80



000000



808080

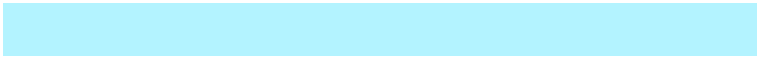


# Same Dimension

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



B1E3EC



B3F3FF



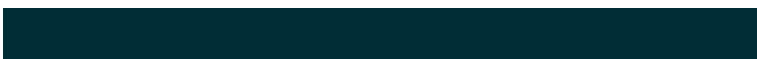
B1C6EC



6A7475



0099B5



002D36



# Inverse Universe

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



ECB1E3



FFB3F3



ECD7B1



756A74



B50099

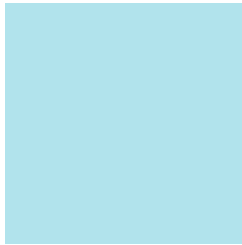


36002D



# Previews

## White Background



This preview shows how the Hex color B1E3EC looks on a white background.

## Color Contrast Check

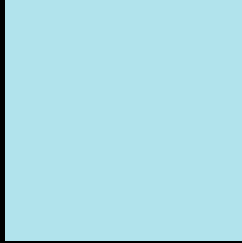
Large Text (above 18pt) WCAG AA × Fail

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 B1E3EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

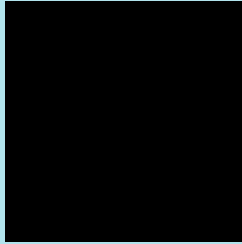
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B1E3EC Background



This preview shows how black text looks on a background with the Hex color B1E3EC.

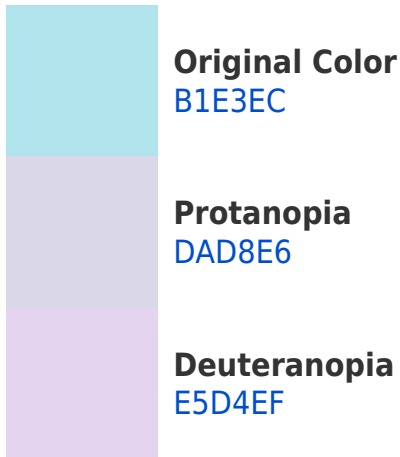


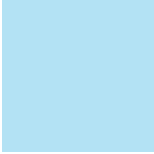
This preview shows how white text looks on a background with the Hex color B1E3EC.

# 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](#).

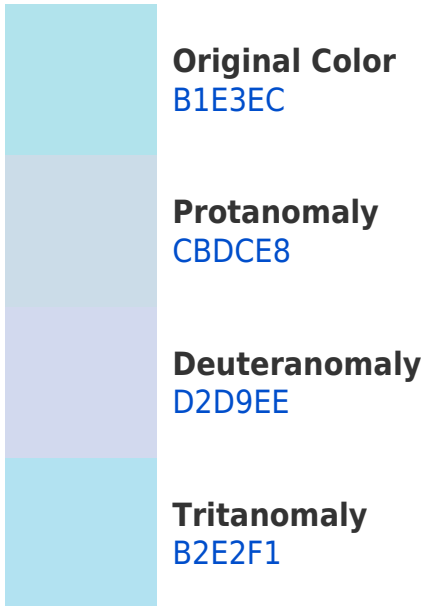
## Dichromacy



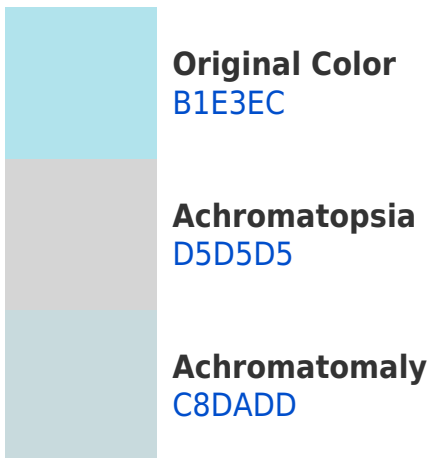


**Tritanopia**  
B3E2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1E3EC 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 #B1E3EC looks like.

```
.text, #text, p{  
    color:#B1E3EC  
}
```

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 #B1E3EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1E3EC
}
```

## Border

The CSS property to change the border of an element to Hex B1E3EC 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
#B1E3EC }
```

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

```
.border{ border-color:#B1E3EC }
```

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

Here you see how a box with a 4 pixel #B1E3EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1E3EC; -webkit-box-shadow:4px 4px  
4px 4px #B1E3EC; box-shadow:4px 4px 4px  
4px #B1E3EC }
```

# Background

The CSS property to change the background color of an element to Hex B1E3EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1E3EC }
```

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

```
.background{ background-color:#B1E3EC }
```

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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