

# Converting Colors

Hex(B1E5CC)

Have a look what the booklet for  
Hex(B1E5CC) contains.

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# **Color**

**Hex(B1E5CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1E5CC
RGB	177, 229, 204
RGB Percent	69%, 90%, 80%
CMY	0.3059, 0.1020, 0.2000
CMYK	0.23, 0.00, 0.11, 0.10
HSL	151°, 50%, 80%
HSV	151°, 23%, 90%
XYZ	57.0499, 69.7454, 67.5821
YIQ	210.6020, -22.9670, -18.7990

# Conversions

## Conversions Part 2

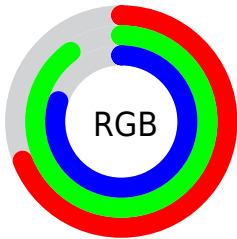
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 211, 229
Decimal	11658700
CIELab	86.87, -21.64, 6.76
CIELCh	87, 22.675, 162.650
Yxy	69.7454, 0.2935, 0.3588
Android (android.graphics.Color)	4289848780 (0xFFB1E5CC)
YUV	210.6020, -3.2548, -29.4690
Hunter-Lab	83.5137, -24.2121, 10.4801

# Details

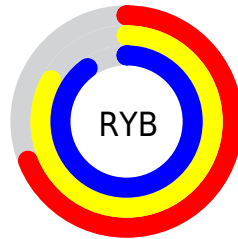
The Hex color **B1E5CC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E5B1CA**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **E9FFFF**, and **7BAD96** is the 20% darker color. If you saturate the color by 10%, you get **9AE5C1**, and if you desaturate by 10%, it is **C8E5D7**.

# Distribution



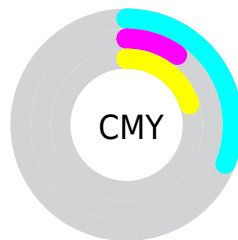
- Red (69%)
- Green (90%)
- Blue (80%)



- Red (69%)
- Yellow (83%)
- Blue (90%)



- Cyan (23%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)



- Cyan (31%)
- Magenta (10%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1E5CC 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 B1E5CC by changing the saturation by 10% instead.



 B1E5CC

 B1E5CC

FFFFFF

 96C9B1

 E9FFFF

 7BAD96

 62937C

 497963

 30604B

 184835

 00311F

 001D08

 000000

 B1E5CC

 B1E5CC

 9AE5C1

 C8E5D7

 83E5B6

 DFE5E2

 6CE5AB

 F6E5ED

 55E5A0

 FFE5F8

 3FE595

 FFE5FF

 28E58A

 11E57F

 00E577

# Harmonies

## Analogous

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



C8E1B9



B1E5CC



A2E6E2

# Triad

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



B1E5CC



CDD8FF



FFCEBD

# Complementary

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



B1E5CC



E5B1CA

# 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.



FFCBD1



B1E5CC



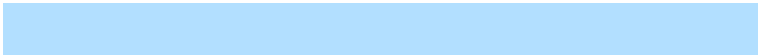
E9D1F9

# Square

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



B1E5CC



B2DFFF



FDCCE7



F6D4B1

# Rectangle

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



**B1E5CC**



**9FE5F0**



**FDCCE7**



**FFCCC3**



# Sweetspot

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



B1E5CC



EDFFF6



CAE5B1



75807B



000000



808080

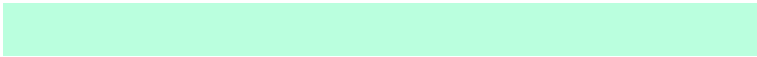


# Same Dimension

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



B1E5CC



BAFFDE



B1E4E5



67736D



00B35D



00331A



# Inverse Universe

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



E5B1CA



FFBADB



E5B2B1



73676D



B30056

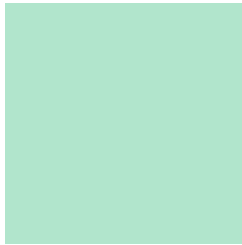


330019



# Previews

## White Background



This preview shows how the Hex color B1E5CC looks on a white background.

## Color Contrast Check

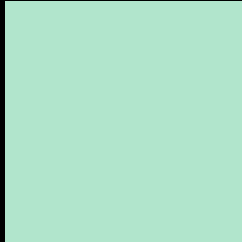
Large Text (above 18pt) WCAG AA × Fail

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 B1E5CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

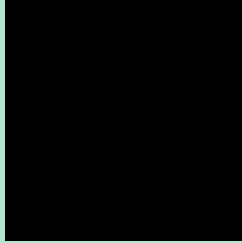
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

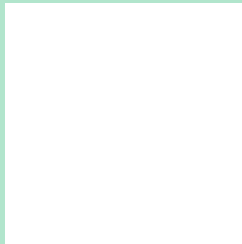
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B1E5CC Background



This preview shows how black text looks on a background with the Hex color B1E5CC.

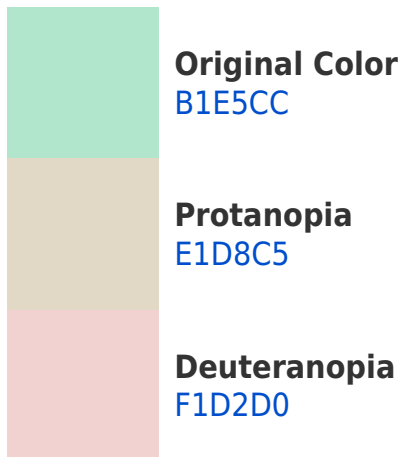


This preview shows how white text looks on a background with the Hex color B1E5CC.

# 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



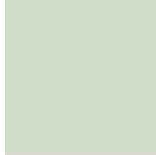


**Tritanopia**  
B8E0F1

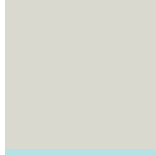
# Trichromacy



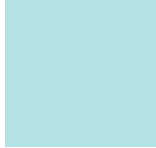
**Original Color**  
B1E5CC



**Protanomaly**  
D0DDC8



**Deuteranomaly**  
DAD9CF

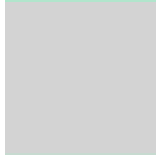


**Tritanomaly**  
B5E2E4

# Monochromacy



**Original Color**  
B1E5CC



**Achromatopsia**  
D3D3D3



**Achromatomaly**  
C7DAD0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1E5CC 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 #B1E5CC looks like.

```
.text, #text, p{  
    color:#B1E5CC  
}
```

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 #B1E5CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1E5CC
}
```

## Border

The CSS property to change the border of an element to Hex B1E5CC 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
#B1E5CC }
```

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

```
.border{ border-color:#B1E5CC }
```

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

Here you see how a box with a 4 pixel #B1E5CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1E5CC; -webkit-box-shadow:4px 4px  
4px 4px #B1E5CC; box-shadow:4px 4px 4px  
4px #B1E5CC }
```

# Background

The CSS property to change the background color of an element to Hex B1E5CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1E5CC }
```

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

```
.background{ background-color:#B1E5CC }
```

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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