

Converting Colors

Hex(B1CEE1)

Have a look what the booklet for
Hex(B1CEE1) contains.

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Color

Hex(B1CEE1)

Conversions

Conversions Part 1

Format	Color
Hex	B1CEE1
RGB	177, 206, 225
RGB Percent	69%, 81%, 88%
CMY	0.3059, 0.1922, 0.1176
CMYK	0.21, 0.08, 0.00, 0.12
HSL	204°, 44%, 79%
HSV	204°, 21%, 88%
XYZ	53.7934, 58.9260, 79.7728
YIQ	199.4950, -23.3830, -0.2390

Conversions

Conversions Part 2

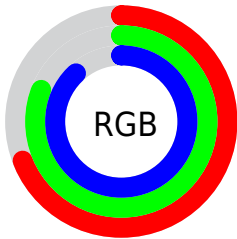
Format	Color
RYB	177, 195, 225
Decimal	11652833
CIELab	81.25, -5.60, -12.63
CIElCh	81, 13.811, 246.089
Yxy	58.9260, 0.2795, 0.3061
Android (android.graphics.Color)	4289842913 (0xFFB1CEE1)
YUV	199.4950, 12.5740, -19.7281
Hunter-Lab	76.7633, -9.2483, -7.8802

Details

The Hex color **B1CEE1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E1C4B1**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **E9FFFF**, and **7C98AA** is the 20% darker color. If you saturate the color by 10%, you get **9BC5E1**, and if you desaturate by 10%, it is **C7D7E1**.

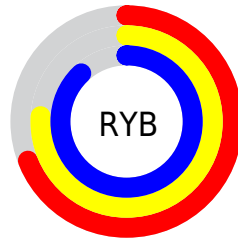
Distribution



Red (69%)

Green (81%)

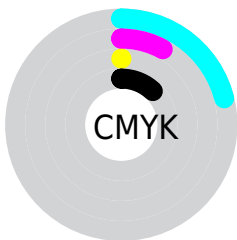
Blue (88%)



Red (69%)

Yellow (76%)

Blue (88%)

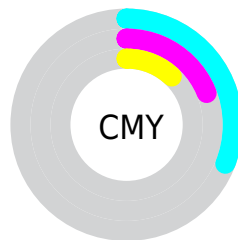


Cyan (21%)

Magenta (8%)

Yellow (0%)

Black (12%)



Cyan (31%)

Magenta (19%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1CEE1 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 B1CEE1 by changing the saturation by 10% instead.

 B1CEE1

 B1CEE1

FFFFFF

 96B3C5

 E9FFFF

 7C98AA

 627E8F

 496576

 314D5D

 193645

 01212F

 000A1B

 000000

 B1CEE1

 B1CEE1

 9BC5E1

 C7D7E1

 84BCE1

 DEE0E1

 6EB3E1

 F4E9E1

 57AAE1

 FFF2E1

 40A1E1

 FFFBE1

 2A99E1

 FFFFE1

 1390E1

 0088E1

Harmonies

Analogous

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



A9D1D9



B1CEE1



BFCAE3

Triad

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



B1CEE1



E5C1C8



C3CEB5

Complementary

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



B1CEE1



E1C4B1

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.



D2CAB0



B1CEE1



E5C2BB

Square

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



B1CEE1



DDC2D5



DEC6B3



B5D1BF

Rectangle

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



B1CEE1



CAC7E1



DEC6B3



C8CCB3

Sweetspot

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



B1CEE1



F0F9FF



B1E1C3



777C80



000000



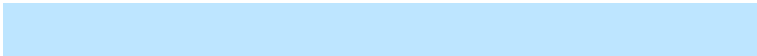
808080

Same Dimension

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



B1CEE1



BDE5FF



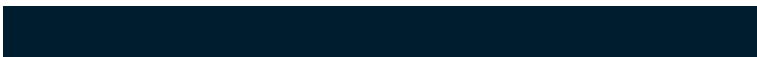
B1B7E1



656C70



006AB0



001D30

Inverse Universe

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



E1B1CE



FFBDE5



E1DBB1



70656C



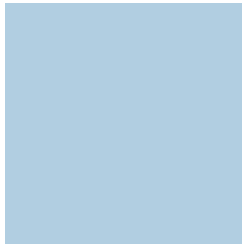
B0006A



30001D

Previews

White Background



This preview shows how the Hex color B1CEE1 looks on a white background.

Color Contrast Check

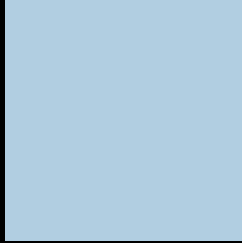
Large Text (above 18pt) WCAG AA × Fail

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 B1CEE1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

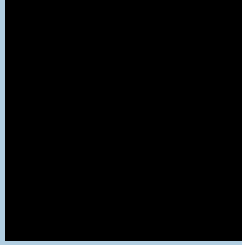
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

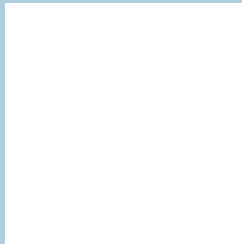
Any Text WCAG AAA ✓ Pass

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

Hex B1CEE1 Background



This preview shows how black text looks on a background with the Hex color B1CEE1.

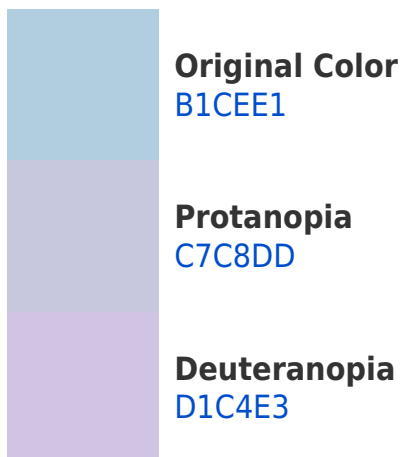


This preview shows how white text looks on a background with the Hex color B1CEE1.

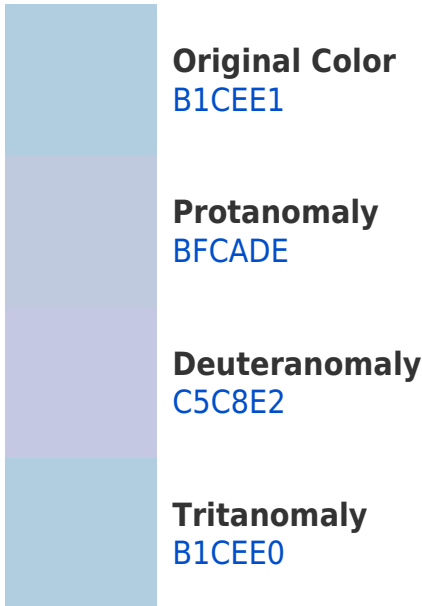
Color Blindness Simulation

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](#).

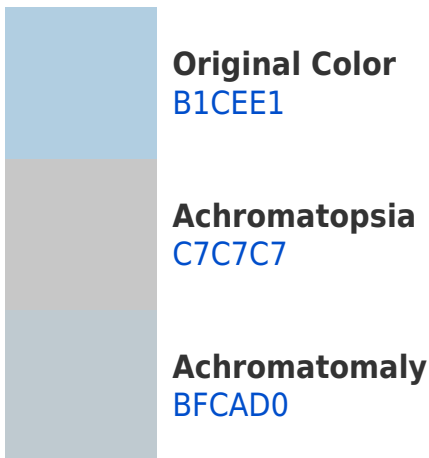
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1CEE1 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 #B1CEE1 looks like.

```
.text, #text, p{  
    color:#B1CEE1  
}
```

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 #B1CEE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1CEE1  
}
```

Border

The CSS property to change the border of an element to Hex B1CEE1 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  
#B1CEE1 }
```

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

```
.border{ border-color:#B1CEE1 }
```

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

Here you see how a box with a 4 pixel #B1CEE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1CEE1; -webkit-box-shadow:4px 4px  
4px 4px #B1CEE1; box-shadow:4px 4px 4px  
4px #B1CEE1 }
```

Background

The CSS property to change the background color of an element to Hex B1CEE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1CEE1 }
```

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

```
.background{ background-color:#B1CEE1 }
```

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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