

Converting Colors

Hex(B1C5CC)

Have a look what the booklet for
Hex(B1C5CC) contains.

Hex(B1C5CC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B1C5CC)

Conversions

Conversions Part 1

Format	Color
Hex	B1C5CC
RGB	177, 197, 204
RGB Percent	69%, 77%, 80%
CMY	0.3059, 0.2275, 0.2000
CMYK	0.13, 0.03, 0.00, 0.20
HSL	196°, 21%, 75%
HSV	196°, 13%, 80%
XYZ	48.9968, 53.6392, 64.8977
YIQ	191.8180, -14.1670, -2.0630

Conversions

Conversions Part 2

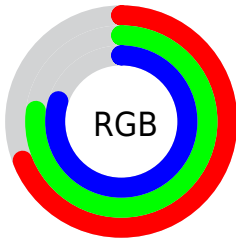
Format	Color
RYB	177, 188, 204
Decimal	11650508
CIELab	78.25, -5.34, -5.81
CIELCh	78, 7.896, 227.402
Yxy	53.6392, 0.2925, 0.3202
Android (android.graphics.Color)	4289840588 (0xFFB1C5CC)
YUV	191.8180, 6.0057, -12.9954
Hunter-Lab	73.2388, -8.7514, -1.2704

Details

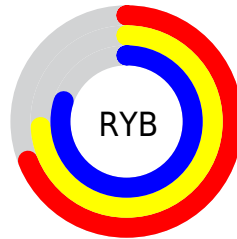
The Hex color **B1C5CC** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CCB8B1**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **E9FEFF**, and **7C8F96** is the 20% darker color. If you saturate the color by 10%, you get **9DC0CC**, and if you desaturate by 10%, it is **C5CACC**.

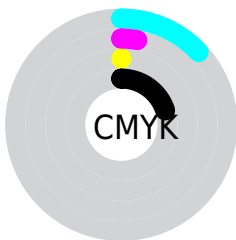
Distribution



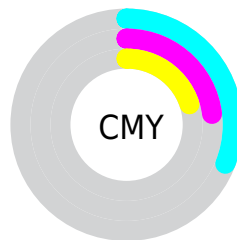
- Red (69%)
- Green (77%)
- Blue (80%)



- Red (69%)
- Yellow (74%)
- Blue (80%)



- Cyan (13%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1C5CC 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 B1C5CC by changing the saturation by 10% instead.

 B1C5CC

 B1C5CC

FFFFFF

 96AAB1

 E9FEFF

 7C8F96

 63767C

 4B5D63

 34454B

 1E2F35

 081A20

 000007

 000000

 B1C5CC

 B1C5CC

 9DC0CC

 C5CACC

 88BACC

 DAD0CC

 74B5CC

 EED5CC

 5FB0CC

 FFDACC

 4BABCC

 FFD FCC

 37A5CC

 FFE5CC

 22A0CC

 FFEACC

 0E9BCC

 FFE FCC

 0097CC

 FFF5CC

Harmonies

Analogous

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



B0C6C6



B1C5CC



B7C3D0

Triad

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



B1C5CC



CFBDC5



C3C2B4

Complementary

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



B1C5CC



CCB8B1

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.



CBC0B3



B1C5CC



D2BDBD

Square

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



B1C5CC



C8BECB



D0BEB7



BBC4B7

Rectangle

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



B1C5CC



BCC2D0



D0BEB7



C6C2B3

Sweetspot

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



B1C5CC



F5FCFF



B1CCB8



797E80



000000



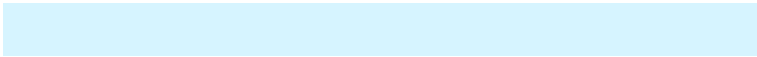
808080

Same Dimension

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



B1C5CC



D6F4FF



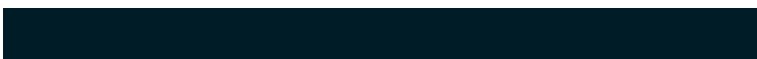
B1B8CC



5C6366



007BA6



001C26

Inverse Universe

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



CCB1C5



FFD6F4



CCC5B1



665C63



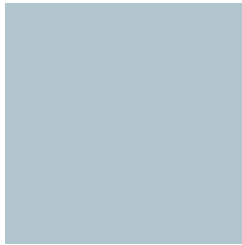
A6007B



26001C

Previews

White Background



This preview shows how the Hex color B1C5CC looks on a white background.

Color Contrast Check

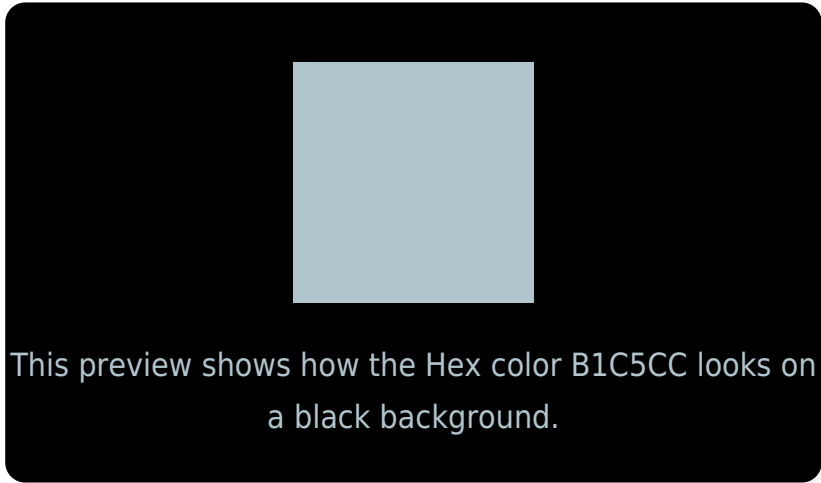
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

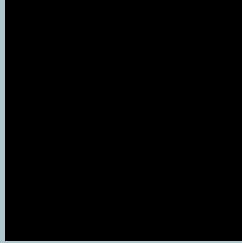
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

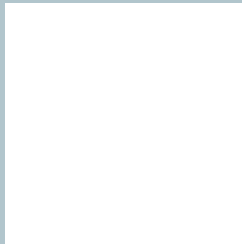
Any Text WCAG AAA ✓ Pass

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

Hex B1C5CC Background



This preview shows how black text looks on a background with the Hex color B1C5CC.

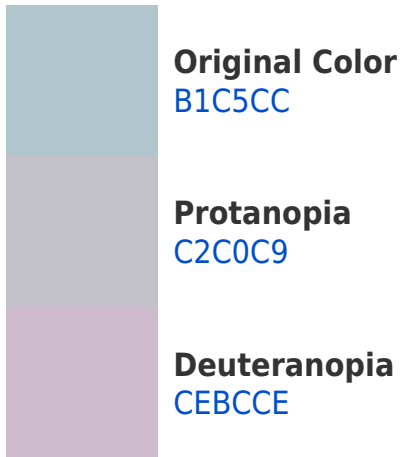


This preview shows how white text looks on a background with the Hex color B1C5CC.

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](#).

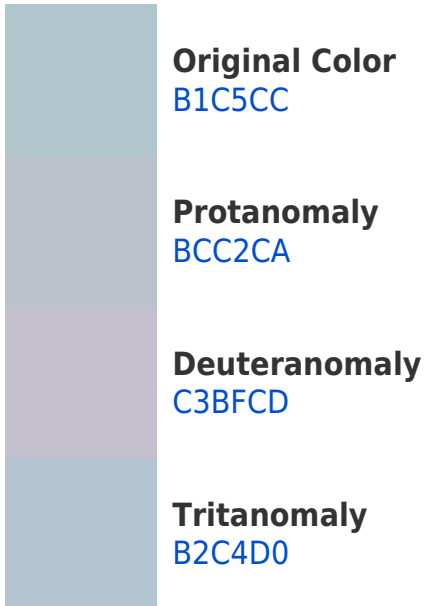
Dichromacy



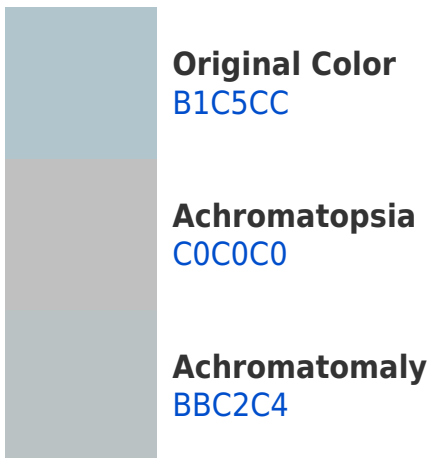


Tritanopia
B2C4D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1C5CC 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 #B1C5CC looks like.

```
.text, #text, p{  
    color:#B1C5CC  
}
```

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 #B1C5CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1C5CC }  
}
```

Border

The CSS property to change the border of an element to Hex B1C5CC 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 #B1C5CC }  
}
```

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

```
.border{ border-color:#B1C5CC }
```

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

Here you see how a box with a 4 pixel #B1C5CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1C5CC; -webkit-box-shadow:4px 4px  
4px 4px #B1C5CC; box-shadow:4px 4px 4px  
4px #B1C5CC }
```

Background

The CSS property to change the background color of an element to Hex B1C5CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1C5CC }
```

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

```
.background{ background-color:#B1C5CC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor