

Converting Colors

Hex(B0C5E0)

Have a look what the booklet for
Hex(B0C5E0) contains.

Hex(B0C5E0)	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(B0C5E0)

Conversions

Conversions Part 1

Format	Color
Hex	B0C5E0
RGB	176, 197, 224
RGB Percent	69%, 77%, 88%
CMY	0.3098, 0.2275, 0.1216
CMYK	0.21, 0.12, 0.00, 0.12
HSL	214°, 44%, 78%
HSV	214°, 21%, 88%
XYZ	51.3253, 54.5444, 78.3440
YIQ	193.7990, -21.1830, 3.9450

Conversions

Conversions Part 2

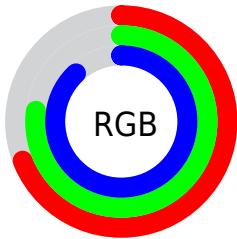
Format	Color
RYB	176, 191, 224
Decimal	11584992
CIELab	78.78, -1.36, -15.81
CIELCh	79, 15.865, 265.068
Yxy	54.5444, 0.2786, 0.2961
Android (android.graphics.Color)	4289775072 (0xFFB0C5E0)
YUV	193.7990, 14.8891, -15.6097
Hunter-Lab	73.8542, -5.1955, -11.1965

Details

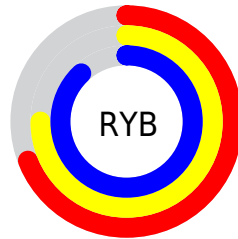
The Hex color **B0C5E0** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E0CBB0**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **E8FEFF**, and **7B8FA9** is the 20% darker color. If you saturate the color by 10%, you get **9AB8E0**, and if you desaturate by 10%, it is **C6D2E0**.

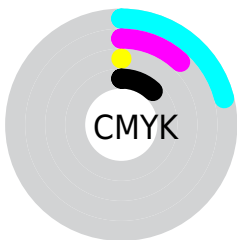
Distribution



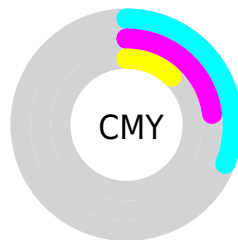
- Red (69%)
- Green (77%)
- Blue (88%)



- Red (69%)
- Yellow (75%)
- Blue (88%)



- Cyan (21%)
- Magenta (12%)
- Yellow (0%)
- Black (12%)



- Cyan (31%)
- Magenta (23%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0C5E0 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 B0C5E0 by changing the saturation by 10% instead.

 B0C5E0

 B0C5E0

FFFFFF

 95AAC4

 E8FEFF

 7B8FA9

 61768E

 495D75

 31465C

 192F44

 011B2E

 00011A

 000000

 B0C5E0

 B0C5E0

 9AB8E0

 C6D2E0

 83ACE0

 DDDEE0

 6D9FE0

 F3EBE0

 5693E0

 FFF7E0

 4086E0

 FFFFE0

 2A79E0

 136DE0

 0062E0

Harmonies

Analogous

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



A2C9DB



B0C5E0



C3C0DE

Triad

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



B0C5E0



E2B9B7



B0CAB2

Complementary

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



B0C5E0



E0CB80

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.



C1C6A8



B0C5E0



DDBCAB

Square

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



B0C5E0



DFB9C6



D1C1A6



A3CCC0

Rectangle

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



B0C5E0



CFBDD8



D1C1A6



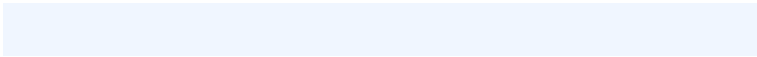
B6C9AE

Sweetspot

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



B0C5E0



F0F6FF



B0E0CA



777A80



000000



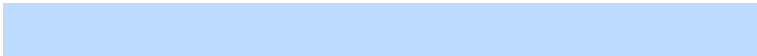
808080

Same Dimension

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



B0C5E0



BDDAFF



B2B0E0



656A70



004DB0



001530

Inverse Universe

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



E0B0C5



FFBDDA



DEE0B0



70656A



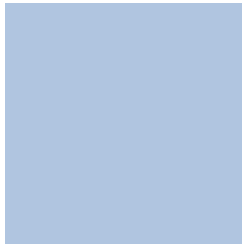
B0004D



300015

Previews

White Background



This preview shows how the Hex color B0C5E0 looks on a white background.

Color Contrast Check

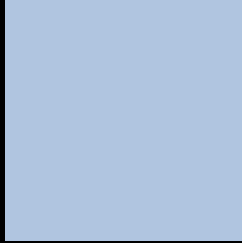
Large Text (above 18pt) WCAG AA × Fail

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 B0C5E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

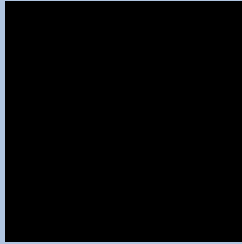
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

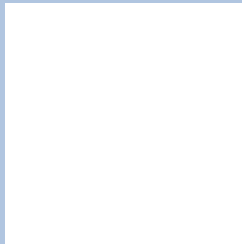
Any Text WCAG AAA ✓ Pass

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

Hex B0C5E0 Background



This preview shows how black text looks on a background with the Hex color B0C5E0.

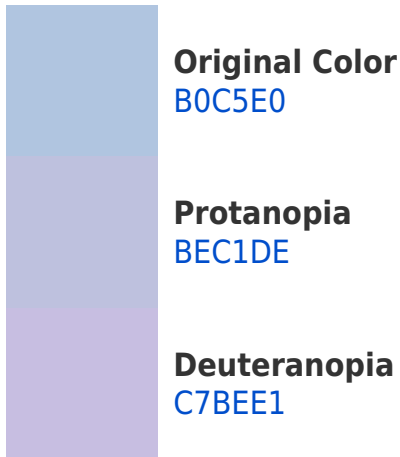


This preview shows how white text looks on a background with the Hex color B0C5E0.

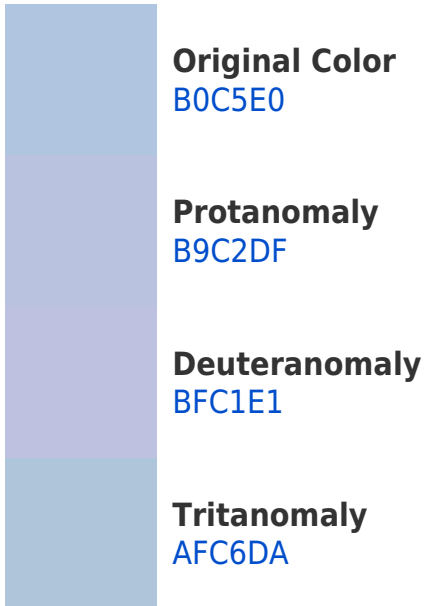
Color Blindness Simulation

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](#).

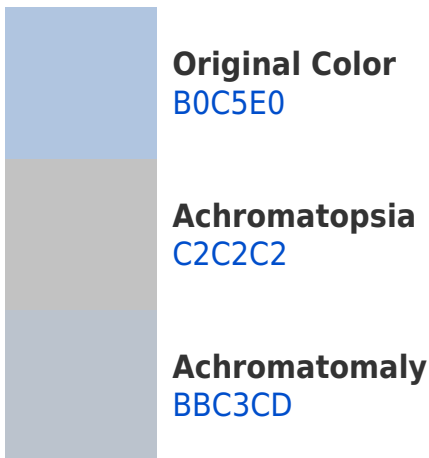
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0C5E0 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 #B0C5E0 looks like.

```
.text, #text, p{  
    color:#B0C5E0  
}
```

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 #B0C5E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0C5E0
}
```

Border

The CSS property to change the border of an element to Hex B0C5E0 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
#B0C5E0 }
```

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

```
.border{ border-color:#B0C5E0 }
```

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

Here you see how a box with a 4 pixel #B0C5E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0C5E0; -webkit-box-shadow:4px 4px  
4px 4px #B0C5E0; box-shadow:4px 4px 4px  
4px #B0C5E0 }
```

Background

The CSS property to change the background color of an element to Hex B0C5E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0C5E0 }
```

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

```
.background{ background-color:#B0C5E0 }
```

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