

Converting Colors

Hex(B0C7E8)

Have a look what the booklet for
Hex(B0C7E8) contains.

Hex(B0C7E8)	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(B0C7E8)

Conversions

Conversions Part 1

Format	Color
Hex	B0C7E8
RGB	176, 199, 232
RGB Percent	69%, 78%, 91%
CMY	0.3098, 0.2196, 0.0902
CMYK	0.24, 0.14, 0.00, 0.09
HSL	215°, 55%, 80%
HSV	215°, 24%, 91%
XYZ	52.8934, 55.9031, 84.3465
YIQ	195.8850, -24.3010, 5.3870

Conversions

Conversions Part 2

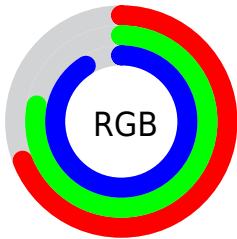
Format	Color
RYB	176, 192, 232
Decimal	11585512
CIELab	79.56, -0.62, -18.93
CIELCh	80, 18.936, 268.114
Yxy	55.9031, 0.2739, 0.2894
Android (android.graphics.Color)	4289775592 (0xFFB0C7E8)
YUV	195.8850, 17.8047, -17.4391
Hunter-Lab	74.7684, -4.5685, -14.5474

Details

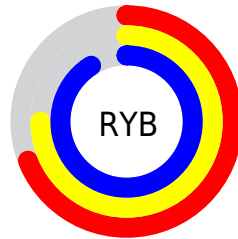
The Hex color **B0C7E8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E8D1B0**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **E8FFFF**, and **7A91B0** is the 20% darker color. If you saturate the color by 10%, you get **99B9E8**, and if you desaturate by 10%, it is **C7D5E8**.

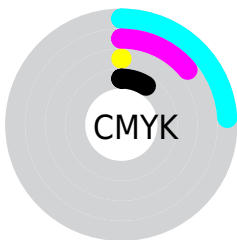
Distribution



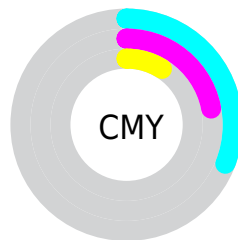
- Red (69%)
- Green (78%)
- Blue (91%)



- Red (69%)
- Yellow (75%)
- Blue (91%)



- Cyan (24%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0C7E8 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 B0C7E8 by changing the saturation by 10% instead.

 B0C7E8


 B0C7E8

FFFFFF

 95ACCC

 E8FFFF

 7A91B0

 617896

 485F7C

 2F4763

 17314B

 001C34

 00021F

 000002

 B0C7E8

 B0C7E8

 99B9E8

 C7D5E8

 82ACE8

 DEE2E8

 6A9EE8

 F6F0E8

 5390E8

 FFFEE8

 3C83E8

 FFFFEE8

 2575E8

 0E67E8

 005FE8

Harmonies

Analogous

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



9DCCE2



B0C7E8



C7C1E4

Triad

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



B0C7E8



EABAB5



ADCDB2

Complementary

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



B0C7E8



E8D1B0

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.



C1C9A6



B0C7E8



E3BEA8

Square

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



B0C7E8



E8B9C7



D4C4A2



9DCFC3

Rectangle

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



B0C7E8



D5BDDD



D4C4A2



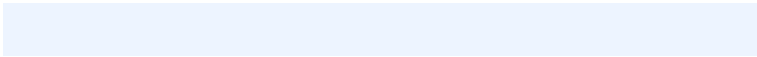
B3CCAD

Sweetspot

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



B0C7E8



EDF4FF



B0E8D1



757980



000000



808080

Same Dimension

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



B0C7E8



B5D3FF



B5B0E8



676C73



0049B3



001533

Inverse Universe

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



E8B0C7



FFB5D3



E3E8B0



73676C



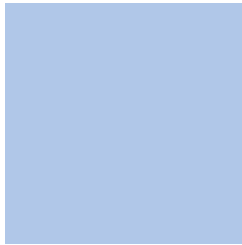
B30049



330015

Previews

White Background



This preview shows how the Hex color B0C7E8 looks on a white background.

Color Contrast Check

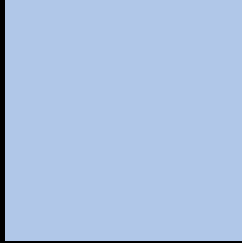
Large Text (above 18pt) WCAG AA × Fail

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 B0C7E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

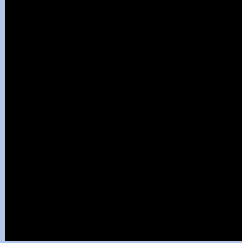
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

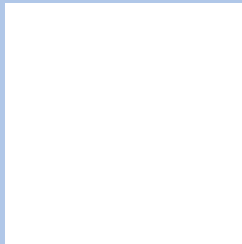
Any Text WCAG AAA ✓ Pass

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

Hex B0C7E8 Background



This preview shows how black text looks on a background with the Hex color B0C7E8.

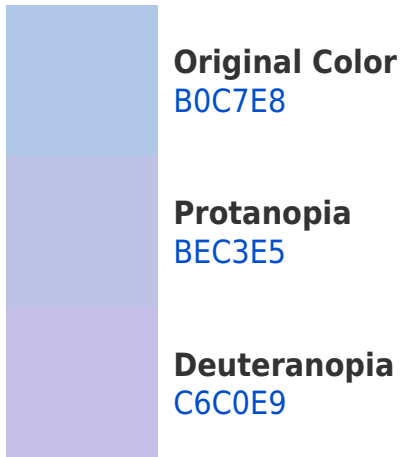


This preview shows how white text looks on a background with the Hex color B0C7E8.

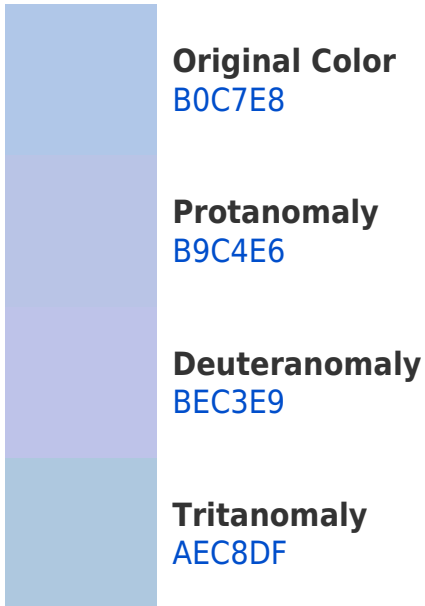
Color Blindness Simulation

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](#).

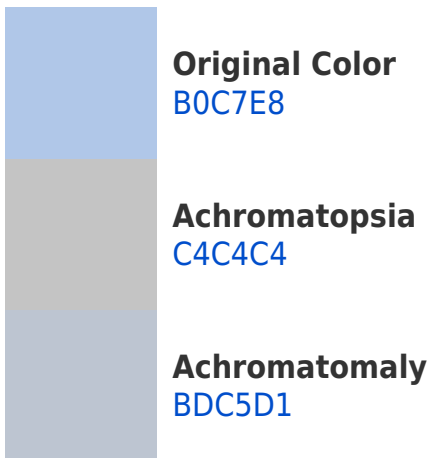
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0C7E8 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 #B0C7E8 looks like.

```
.text, #text, p{  
    color:#B0C7E8  
}
```

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 #B0C7E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0C7E8  
}
```

Border

The CSS property to change the border of an element to Hex B0C7E8 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  
#B0C7E8 }
```

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

```
.border{ border-color:#B0C7E8 }
```

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

Here you see how a box with a 4 pixel #B0C7E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0C7E8; -webkit-box-shadow:4px 4px  
4px 4px #B0C7E8; box-shadow:4px 4px 4px  
4px #B0C7E8 }
```

Background

The CSS property to change the background color of an element to Hex B0C7E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0C7E8 }
```

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

```
.background{ background-color:#B0C7E8 }
```

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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