

Converting Colors

Hex(C5B7E7)

Have a look what the booklet for
Hex(C5B7E7) contains.

Hex(C5B7E7)	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(C5B7E7)

Conversions

Conversions Part 1

Format	Color
Hex	C5B7E7
RGB	197, 183, 231
RGB Percent	77%, 72%, 91%
CMY	0.2275, 0.2824, 0.0941
CMYK	0.15, 0.21, 0.00, 0.09
HSL	258°, 50%, 81%
HSV	258°, 21%, 91%
XYZ	54.3832, 51.5068, 82.6768
YIQ	192.6580, -7.0640, 17.8960

Conversions

Conversions Part 2

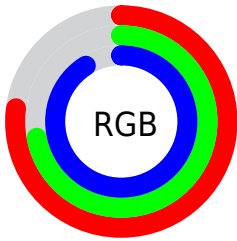
Format	Color
R_{YB}	197, 183, 231
Decimal	12957671
CIE _{Lab}	76.98, 14.30, -22.14
CIE _{LCh}	77, 26.356, 302.847
Yxy	51.5068, 0.2884, 0.2731
Android (android.graphics.Color)	4291147751 (0xFFC5B7E7)
YUV	192.6580, 18.9026, 3.8079
Hunter-Lab	71.7682, 9.6661, -18.0641

Details

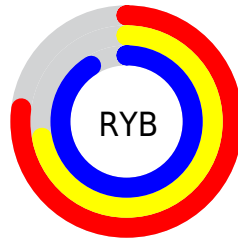
The Hex color **C5B7E7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D9E7B7**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FEEFFF**, and **8F82AF** is the 20% darker color. If you saturate the color by 10%, you get **B5A0E7**, and if you desaturate by 10%, it is **D5CEE7**.

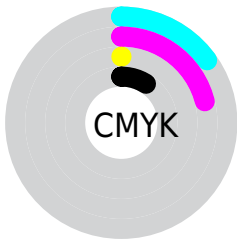
Distribution



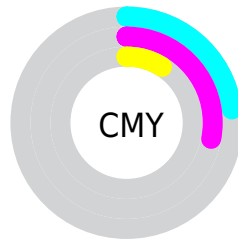
- Red (77%)
- Green (72%)
- Blue (91%)



- Red (77%)
- Yellow (72%)
- Blue (91%)



- Cyan (15%)
- Magenta (21%)
- Yellow (0%)
- Black (9%)



- Cyan (23%)
- Magenta (28%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5B7E7 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 C5B7E7 by changing the saturation by 10% instead.

 C5B7E7

 C5B7E7

FFFFFF

 AA9CCB

 FEEFFF

 8F82AF

 756995

 5C517B

 443A62

 2C244A

 161033

 00011E

 000000

 C5B7E7

 C5B7E7

 B5A0E7

 D5CEE7

 A489E7

 E6E5E7

 9472E7

 F6FCE7

 845BE7

 FFFFE7

 7344E7

 632CE7

 5215E7

 4300E7

Harmonies

Analogous

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



A4BFEE



C5B7E7



E0B0D5

Triad

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



C5B7E7



E3B593



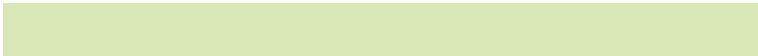
80CCC0

Complementary

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



C5B7E7



D9E7B7

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.



97CAA7



C5B7E7



CEBD8D

Square

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



C5B7E7



EFAFA5



B3C595



77CBD8

Rectangle

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



C5B7E7



EBADC5



B3C595



87CCB7

Sweetspot

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



C5B7E7



F4F0FF



B7D9E7



797780



000000



808080

Same Dimension

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



C5B7E7



D2BFFF



DDB7E7



6B6773



3400B3



0F0033

Inverse Universe

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



E7B7D9



FFBFEC



C1E7B7



73676F



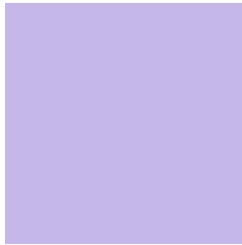
B3007E



330024

Previews

White Background



This preview shows how the Hex color C5B7E7 looks on a white background.

Color Contrast Check

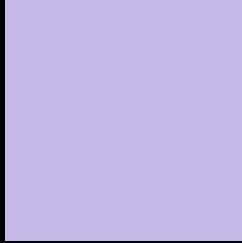
Large Text (above 18pt) WCAG AA × Fail

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 C5B7E7 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 C5B7E7 Background



This preview shows how black text looks on a background with the Hex color C5B7E7.

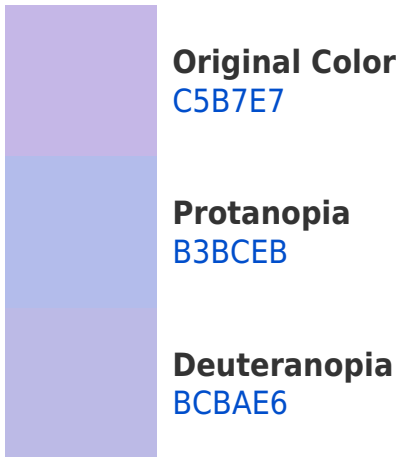


This preview shows how white text looks on a background with the Hex color C5B7E7.

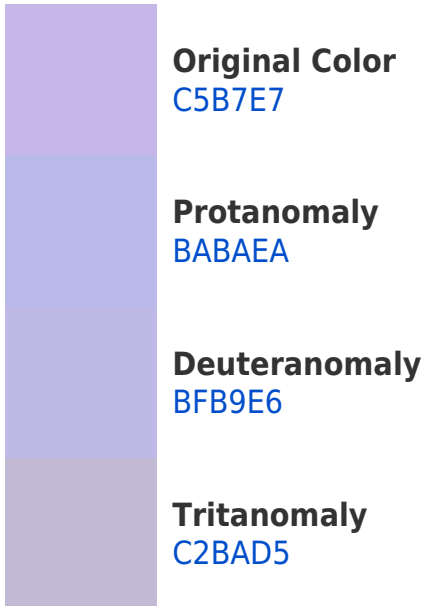
Color Blindness Simulation

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](#).

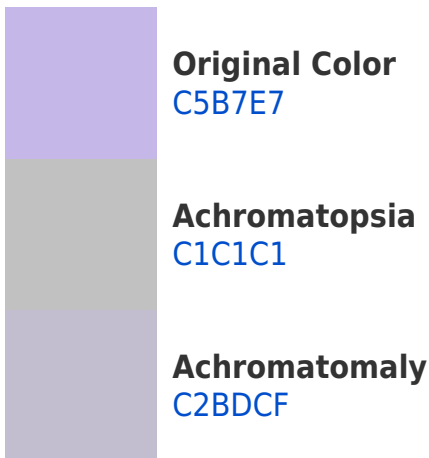
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C5B7E7 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 #C5B7E7 looks like.

```
.text, #text, p{  
    color:#C5B7E7  
}
```

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 #C5B7E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5B7E7
}
```

Border

The CSS property to change the border of an element to Hex C5B7E7 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
#C5B7E7 }
```

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

```
.border{ border-color:#C5B7E7 }
```

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

Here you see how a box with a 4 pixel #C5B7E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5B7E7; -webkit-box-shadow:4px 4px  
4px 4px #C5B7E7; box-shadow:4px 4px 4px  
4px #C5B7E7 }
```

Background

The CSS property to change the background color of an element to Hex C5B7E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5B7E7 }
```

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

```
.background{ background-color:#C5B7E7 }
```

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