

Converting Colors

Hex(C4CCE5)

Have a look what the booklet for
Hex(C4CCE5) contains.

Hex(C4CCE5)	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(C4CCE5)

Conversions

Conversions Part 1

Format	Color
Hex	C4CCE5
RGB	196, 204, 229
RGB Percent	77%, 80%, 90%
CMY	0.2314, 0.2000, 0.1020
CMYK	0.14, 0.11, 0.00, 0.10
HSL	225°, 39%, 83%
HSV	225°, 14%, 90%
XYZ	58.5007, 60.5786, 82.7383
YIQ	204.4580, -12.7930, 6.0790

Conversions

Conversions Part 2

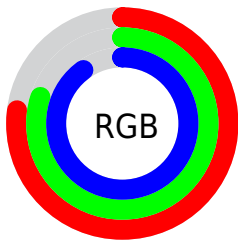
Format	Color
R _Y B	196, 202, 229
Decimal	12897509
CIE Lab	82.15, 2.25, -13.28
CIE LCh	82, 13.468, 279.606
Yxy	60.5786, 0.2899, 0.3002
Android (android.graphics.Color)	4291087589 (0xFFC4CCE5)
YUV	204.4580, 12.0992, -7.4177
Hunter-Lab	77.8323, -2.0415, -8.5446

Details

The Hex color **C4CCE5** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E5DDC4**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FDFFFF**, and **8E96AE** is the 20% darker color. If you saturate the color by 10%, you get **ADBBE5**, and if you desaturate by 10%, it is **DBDDE5**.

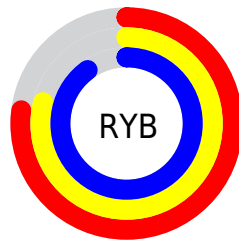
Distribution



Red (77%)

Green (80%)

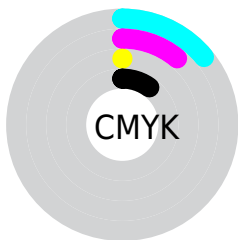
Blue (90%)



Red (77%)

Yellow (79%)

Blue (90%)

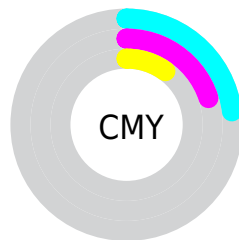


Cyan (14%)

Magenta (11%)

Yellow (0%)

Black (10%)



Cyan (23%)

Magenta (20%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4CCE5 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 C4CCE5 by changing the saturation by 10% instead.

■ C4CCE5

FFFFFF

FDFFFF

■ C4CCE5

■ A9B1C9

■ 8E96AE

■ 747C93

■ 5B6379

■ 444B60

■ 2D3549

■ 172032

■ 00071D

■ 000000

 C4CCE5

 C4CCE5

 ADBBE5

 DBDDE5

 96A9E5

 F2EFE5

 7F98E5

 FFFFE5

 6887E5

 5275E5

 3B64E5

 2453E5

 0D41E5

 0038E5

Harmonies

Analogous

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



B6D0E4



C4CCE5



D4C8E0

Triad

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



C4CCE5



E6C5BD



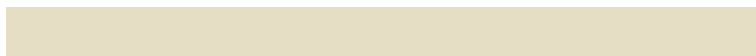
B6D3C3

Complementary

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



C4CCE5



E5DDC4

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.



C4D1B9



C4CCE5



DFC9B5

Square

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



C4CCE5



E7C4C9



D2CDB3



AED4D0

Rectangle

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



C4CCE5



DDC6D9



D2CDB3



BBD2BF

Sweetspot

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



C4CCE5



F5F7FF



C4E5DD



797B80



000000



808080

Same Dimension

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



C4CCE5



D4DEFF



CCC4E5



676A73



002BB3



000C33

Inverse Universe

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



E5C4CC



FFD4DE



DDE5C4



73676A



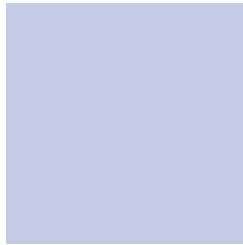
B3002B



33000C

Previews

White Background



This preview shows how the Hex color C4CCE5 looks on a white background.

Color Contrast Check

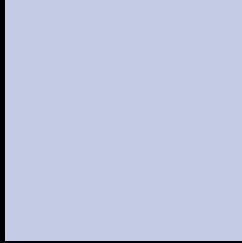
Large Text (above 18pt) WCAG AA × Fail

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 C4CCE5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

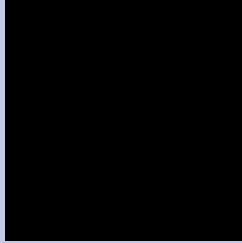
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

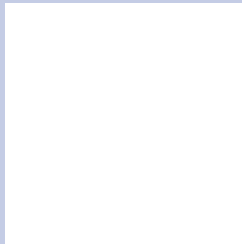
Any Text WCAG AAA ✓ Pass

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

Hex C4CCE5 Background



This preview shows how black text looks on a background with the Hex color C4CCE5.

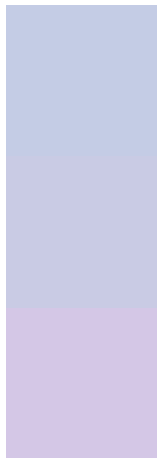


This preview shows how white text looks on a background with the Hex color C4CCE5.

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



Original Color
C4CCE5

Protanopia
C9CBE4

Deuteranopia
D4C7E6

Trichromacy



Original Color
C4CCE5

Protanomaly
C7CBE4

Deuteranomaly
CEC9E6

Tritanomaly
C3CDE1

Monochromacy



Original Color
C4CCE5

Achromatopsia
CCCCCC

Achromatomaly
C9CCD5

CSS Examples

Text

The CSS property to change the color of the text to Hex C4CCE5 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 #C4CCE5 looks like.

```
.text, #text, p{  
    color:#C4CCE5  
}
```

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 #C4CCE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4CCE5  
}
```

Border

The CSS property to change the border of an element to Hex C4CCE5 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  
#C4CCE5 }
```

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

```
.border{ border-color:#C4CCE5 }
```

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

Here you see how a box with a 4 pixel #C4CCE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4CCE5; -webkit-box-shadow:4px 4px  
4px 4px #C4CCE5; box-shadow:4px 4px 4px  
4px #C4CCE5 }
```

Background

The CSS property to change the background color of an element to Hex C4CCE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4CCE5 }
```

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

```
.background{ background-color:#C4CCE5 }
```

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