

Converting Colors

Hex(ACC7CE)

Have a look what the booklet for
Hex(ACC7CE) contains.

Hex(ACC7CE)	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(ACC7CE)

Conversions

Conversions Part 1

Format	Color
Hex	ACC7CE
RGB	172, 199, 206
RGB Percent	67%, 78%, 81%
CMY	0.3255, 0.2196, 0.1922
CMYK	0.17, 0.03, 0.00, 0.19
HSL	192°, 26%, 74%
HSV	192°, 17%, 81%
XYZ	48.5773, 54.0737, 66.2695
YIQ	191.7250, -18.3390, -3.5470

Conversions

Conversions Part 2

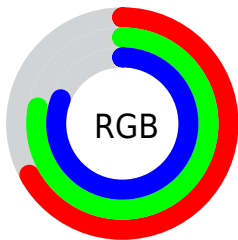
Format	Color
RYB	172, 187, 206
Decimal	11323342
CIELab	78.50, -7.59, -6.55
CIElCh	79, 10.024, 220.819
Yxy	54.0737, 0.2876, 0.3201
Android (android.graphics.Color)	4289513422 (0xFFACC7CE)
YUV	191.7250, 7.0376, -17.2988
Hunter-Lab	73.5348, -10.7685, -1.9577

Details

The Hex color **ACC7CE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CEB3AC**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **E4FFFF**, and **779198** is the 20% darker color. If you saturate the color by 10%, you get **97C3CE**, and if you desaturate by 10%, it is **C1CBCE**.

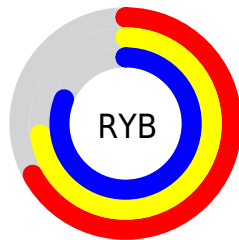
Distribution



Red (67%)

Green (78%)

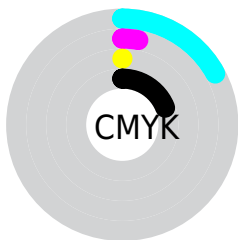
Blue (81%)



Red (67%)

Yellow (73%)

Blue (81%)

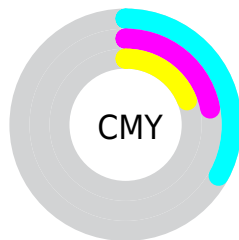


Cyan (17%)

Magenta (3%)

Yellow (0%)

Black (19%)



Cyan (33%)

Magenta (22%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACC7CE 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 ACC7CE by changing the saturation by 10% instead.

■ ACC7CE

■ ACC7CE

FFFFFF

■ 91ACB3

■ E4FFFF

■ 779198

■ 5E777E

■ 465F65

■ 2F474D

■ 183136

■ 021C21

■ 00000A

■ 000000

ACC7CE

ACC7CE

97C3CE

C1CBCF

83BFCE

D5CFCE

6EBACE

EAD4CE

5AB6CE

FED8CE

45B2CE

FFDCCE

30AECE

FFE0CE

1CA9CE

FFE5CE

07A5CE

FFE9CE

00A4CE

FFEDCE

Harmonies

Analogous

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



ACC8C5



ACC7CE



B2C5D3

Triad

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



ACC7CE



D2BDC9



C6C3B0

Complementary

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



ACC7CE



CEB3AC

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.



D0C0B1



ACC7CE



D6BCBF

Square

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



ACC7CE



C8BFD0



D6BDB6



BCC5B4

Rectangle

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



ACC7CE



B9C3D5



D6BDB6



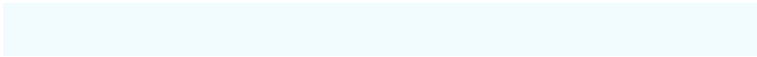
CAC2B0

Sweetspot

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



ACC7CE



F2FCFF



ACCEB3



787E80



000000



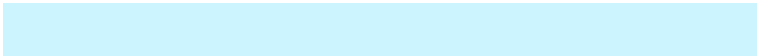
808080

Same Dimension

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



ACC7CE



CCF4FF



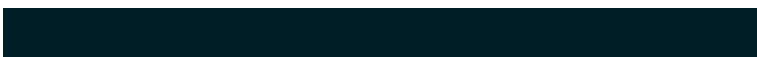
ACB6CE



5C6466



0084A6



001E26

Inverse Universe

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



CEACC7



FFCCF4



CEC4AC



665C64



A60084



26001E

Previews

White Background



This preview shows how the Hex color ACC7CE looks on a white background.

Color Contrast Check

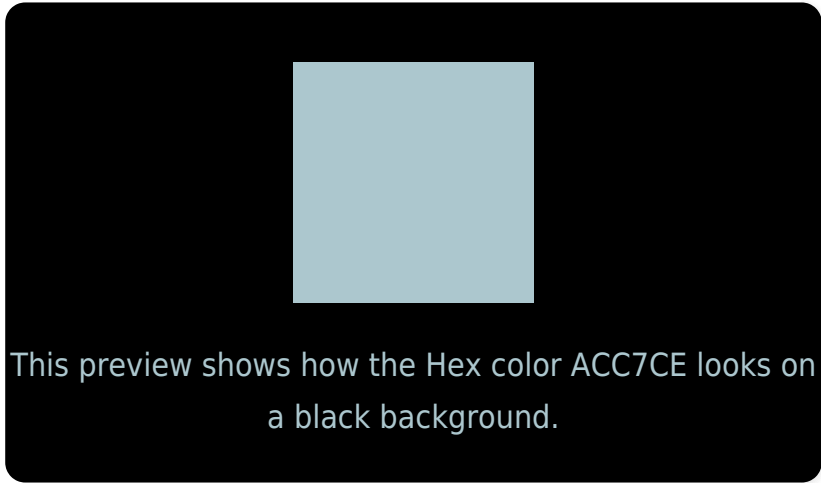
Large Text (above 18pt) WCAG AA × Fail

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

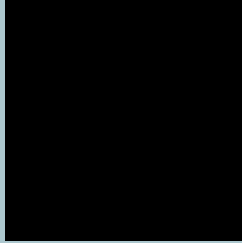
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

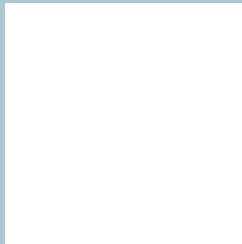
Any Text WCAG AAA ✓ Pass

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

Hex ACC7CE Background



This preview shows how black text looks on a background with the Hex color ACC7CE.

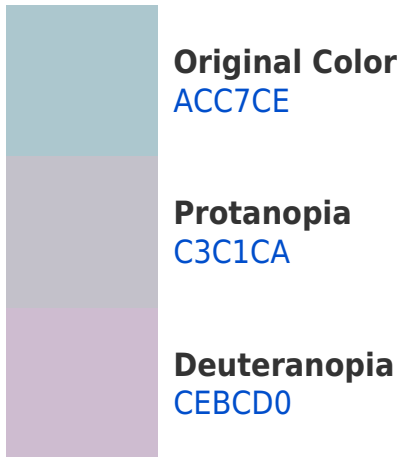


This preview shows how white text looks on a background with the Hex color ACC7CE.

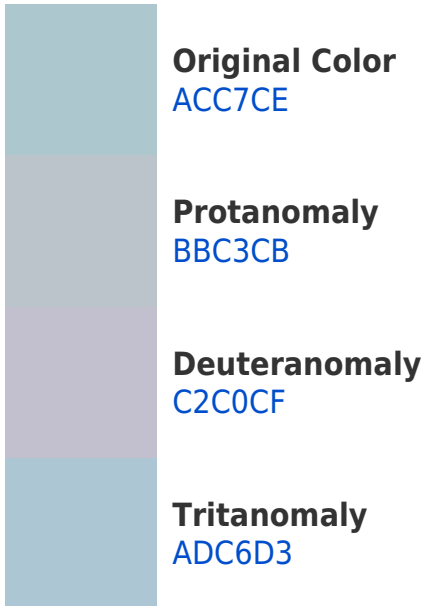
Color Blindness Simulation

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](#).

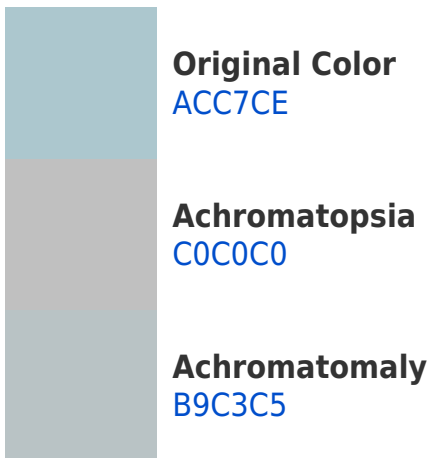
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACC7CE 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 #ACC7CE looks like.

```
.text, #text, p{  
    color:#ACC7CE  
}
```

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 #ACC7CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACC7CE
}
```

Border

The CSS property to change the border of an element to Hex ACC7CE 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
#ACC7CE }
```

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

```
.border{ border-color:#ACC7CE }
```

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

Here you see how a box with a 4 pixel #ACC7CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACC7CE; -webkit-box-shadow:4px 4px  
4px 4px #ACC7CE; box-shadow:4px 4px 4px  
4px #ACC7CE }
```

Background

The CSS property to change the background color of an element to Hex ACC7CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACC7CE }
```

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

```
.background{ background-color:#ACC7CE }
```

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