

Converting Colors

Hex(ACC7E5)

Have a look what the booklet for
Hex(ACC7E5) contains.

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Color

Hex(ACC7E5)

Conversions

Conversions Part 1

Format	Color
Hex	ACC7E5
RGB	172, 199, 229
RGB Percent	67%, 78%, 90%
CMY	0.3255, 0.2196, 0.1020
CMYK	0.25, 0.13, 0.00, 0.10
HSL	212°, 52%, 79%
HSV	212°, 25%, 90%
XYZ	51.5795, 55.2746, 82.0793
YIQ	194.3470, -25.7220, 3.6060

Conversions

Conversions Part 2

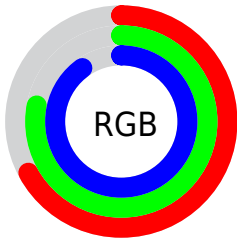
Format	Color
RYB	172, 190, 229
Decimal	11323365
CIELab	79.20, -2.51, -17.88
CIELCh	79, 18.059, 262.018
Yxy	55.2746, 0.2730, 0.2926
Android (android.graphics.Color)	4289513445 (0xFFACC7E5)
YUV	194.3470, 17.0839, -19.5983
Hunter-Lab	74.3469, -6.2695, -13.4135

Details

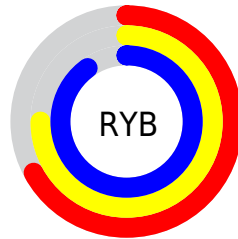
The Hex color **ACC7E5** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E5CAAC**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **E4FFFF**, and **7791AD** is the 20% darker color. If you saturate the color by 10%, you get **95BBE5**, and if you desaturate by 10%, it is **C3D3E5**.

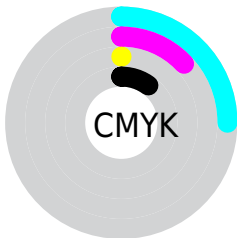
Distribution



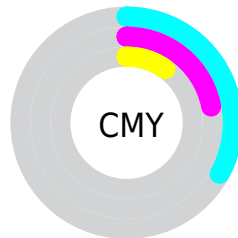
- Red (67%)
- Green (78%)
- Blue (90%)



- Red (67%)
- Yellow (75%)
- Blue (90%)



- Cyan (25%)
- Magenta (13%)
- Yellow (0%)
- Black (10%)



- Cyan (33%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACC7E5 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 ACC7E5 by changing the saturation by 10% instead.

■ ACC7E5

■ ACC7E5

FFFFFF

■ 91ACC9

■ E4FFFF

■ 7791AD

■ 5D7893

■ 445F79

■ 2B4760

■ 123148

■ 001C32

■ 00021D

■ 000000

■ ACC7E5

■ ACC7E5

■ 95BBE5

■ C3D3E5

■ 7EAFE5

■ DADFE5

■ 67A3E5

■ F1EBE5

■ 5097E5

■ FFF7E5

■ 398BE5

■ FFFFE5

■ 237FE5

■ 0C73E5

■ 006CE5

Harmonies

Analogous

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



9CCBDE



ACC7E5



C2C1E3

Triad

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



ACC7E5



E8B9B8



B1CBAF

Complementary

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



ACC7E5



E5CAAC

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.



C4C7A5



ACC7E5



E3BCAA

Square

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



ACC7E5



E3B9C9



D6C1A3



A0CEBF

Rectangle

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



ACC7E5



D0BEDD



D6C1A3



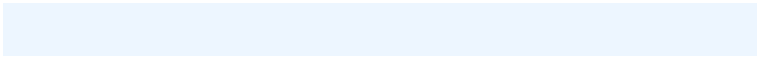
B7CAAB

Sweetspot

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



ACC7E5



EDF6FF



ACE5C9



757A80



000000



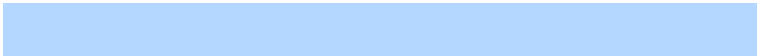
808080

Same Dimension

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



ACC7E5



B3D7FF



ADACE5



676D73



0055B3



001833

Inverse Universe

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



E5ACC7



FFB3D7



E4E5AC



73676D



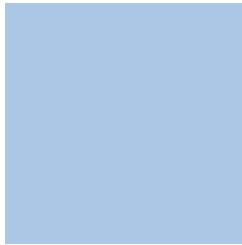
B30055



330018

Previews

White Background



This preview shows how the Hex color ACC7E5 looks on a white background.

Color Contrast Check

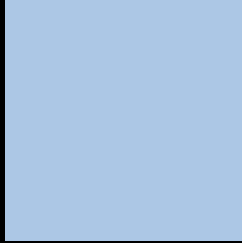
Large Text (above 18pt) WCAG AA × Fail

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 ACC7E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

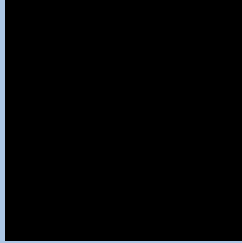
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

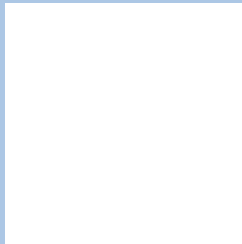
Any Text WCAG AAA ✓ Pass

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

Hex ACC7E5 Background



This preview shows how black text looks on a background with the Hex color ACC7E5.

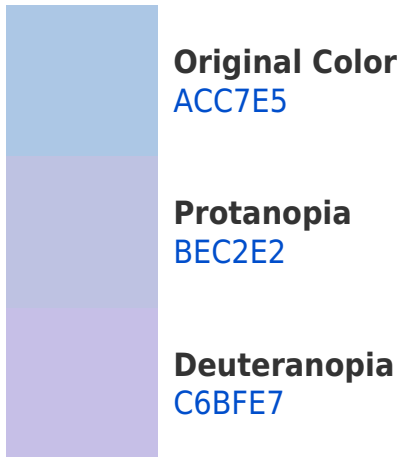


This preview shows how white text looks on a background with the Hex color ACC7E5.

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](#).

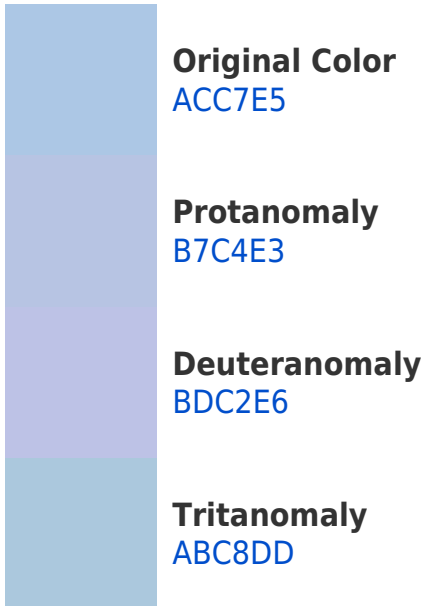
Dichromacy



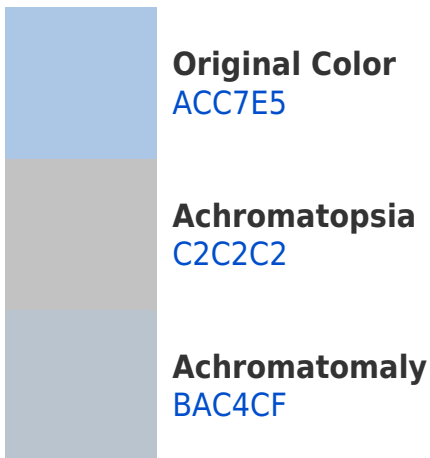


Tritanopia
AAC9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACC7E5 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 #ACC7E5 looks like.

```
.text, #text, p{  
    color:#ACC7E5  
}
```

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 #ACC7E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACC7E5  
}
```

Border

The CSS property to change the border of an element to Hex ACC7E5 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  
#ACC7E5 }
```

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

```
.border{ border-color:#ACC7E5 }
```

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

Here you see how a box with a 4 pixel #ACC7E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACC7E5; -webkit-box-shadow:4px 4px  
4px 4px #ACC7E5; box-shadow:4px 4px 4px  
4px #ACC7E5 }
```

Background

The CSS property to change the background color of an element to Hex ACC7E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACC7E5 }
```

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

```
.background{ background-color:#ACC7E5 }
```

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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