

# Converting Colors

Hex(ACE5CB)

Have a look what the booklet for  
Hex(ACE5CB) contains.

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# **Color**

**Hex(ACE5CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACE5CB
RGB	172, 229, 203
RGB Percent	67%, 90%, 80%
CMY	0.3255, 0.1020, 0.2039
CMYK	0.25, 0.00, 0.11, 0.10
HSL	153°, 52%, 79%
HSV	153°, 25%, 90%
XYZ	55.8121, 69.1211, 66.9000
YIQ	208.9930, -25.6260, -20.1700

# Conversions

## Conversions Part 2

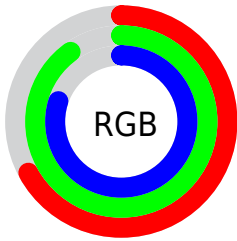
Format	Color
R <sub>YB</sub>	172, 209, 229
Decimal	11331019
CIE <sub>Lab</sub>	86.56, -23.39, 6.81
CIE <sub>LCh</sub>	87, 24.359, 163.773
Yxy	69.1211, 0.2909, 0.3603
Android (android.graphics.Color)	4289521099 (0xFFACE5CB)
YUV	208.9930, -2.9545, -32.4429
Hunter-Lab	83.1391, -25.6646, 10.4881

# Details

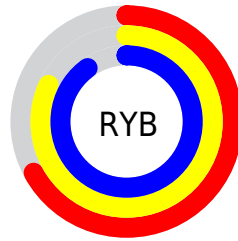
The Hex color **ACE5CB** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E5ACC6**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **E4FFFF**, and **76AD95** is the 20% darker color. If you saturate the color by 10%, you get **95E5C1**, and if you desaturate by 10%, it is **C3E5D5**.

# Distribution



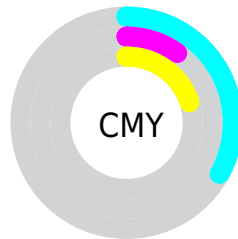
- Red (67%)
- Green (90%)
- Blue (80%)



- Red (67%)
- Yellow (82%)
- Blue (90%)



- Cyan (25%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)



- Cyan (33%)
- Magenta (10%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACE5CB 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 ACE5CB by changing the saturation by 10% instead.



 ACE5CB

 ACE5CB

FFFFFF

 91C9B0

 E4FFFF

 76AD95

 5D937B

 437962

 2B604A

 104834

 00311F

 001D06

 000000

 ACE5CB

 ACE5CB

 95E5C1

 C3E5D5

 7EE5B6

 DAE5E0

 67E5AC

 F1E5EA

 50E5A1

 FFE5F5

 39E597

 FFE5FF

 23E58C

 0CE582

 00E57D

# Harmonies

## Analogous

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



C5E1B7



ACE5CB



9BE6E3

# Triad

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



ACE5CB



CCD7FF



FFCCBA

# Complementary

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



ACE5CB



E5ACC6

# 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.



FFC8CF



ACE5CB



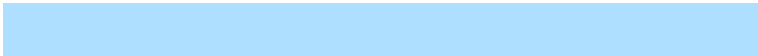
EACFFA

# Square

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



ACE5CB



AEDFFF



FFCAE6



F6D3AD

# Rectangle

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



ACE5CB



99E5F1



FFCAE6



FFCAC0



# Sweetspot

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



ACE5CB



EDFFF7



C7E5AC



75807B



000000



808080

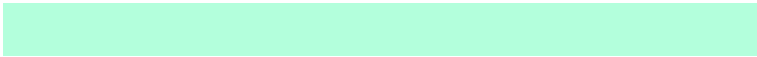


# Same Dimension

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



ACE5CB



B3FFDC



ACE3E5



67736E



00B361



00331C



# Inverse Universe

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



E5ACC6



FFB3D5



E5AEAC



73676D



B30051

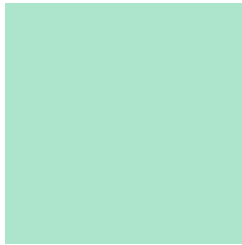


330017



# Previews

## White Background



This preview shows how the Hex color ACE5CB looks on a white background.

## Color Contrast Check

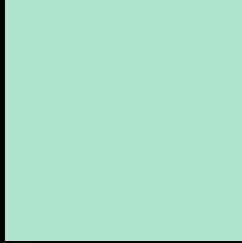
Large Text (above 18pt) WCAG AA × Fail

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 ACE5CB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

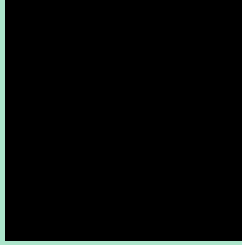
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

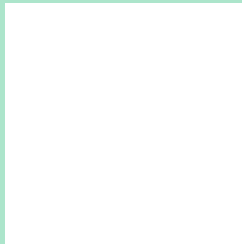
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ACE5CB Background



This preview shows how black text looks on a background with the Hex color ACE5CB.

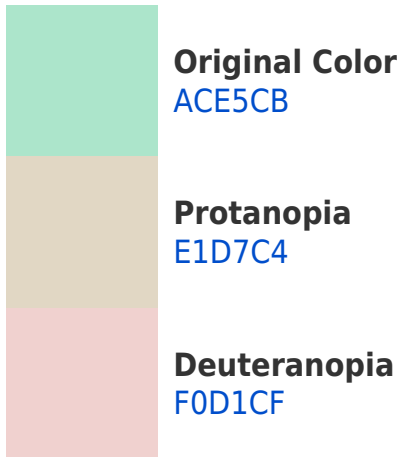


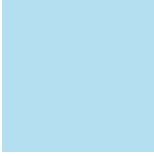
This preview shows how white text looks on a background with the Hex color ACE5CB.

# 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



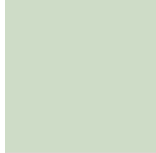


**Tritanopia**  
B4DFF1

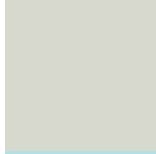
# Trichromacy



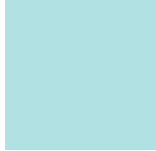
**Original Color**  
ACE5CB



**Protanomaly**  
CEDCC7

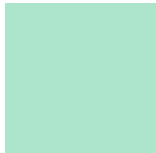


**Deuteranomaly**  
D7D8CE

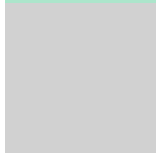


**Tritanomaly**  
B1E1E3

# Monochromacy



**Original Color**  
ACE5CB



**Achromatopsia**  
D1D1D1



**Achromatomaly**  
C4D8CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACE5CB 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 #ACE5CB looks like.

```
.text, #text, p{  
    color:#ACE5CB  
}
```

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 #ACE5CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACE5CB  
}
```

## Border

The CSS property to change the border of an element to Hex ACE5CB 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  
#ACE5CB }
```

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

```
.border{ border-color:#ACE5CB }
```

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

Here you see how a box with a 4 pixel #ACE5CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACE5CB; -webkit-box-shadow:4px 4px  
4px 4px #ACE5CB; box-shadow:4px 4px 4px  
4px #ACE5CB }
```

# Background

The CSS property to change the background color of an element to Hex ACE5CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACE5CB }
```

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

```
.background{ background-color:#ACE5CB }
```

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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