

Converting Colors

Hex(ACE8CC)

Have a look what the booklet for
Hex(ACE8CC) contains.

| | |
|--|----|
| Hex(ACE8CC) | 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(ACE8CC)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | ACE8CC |
| RGB | 172, 232, 204 |
| RGB Percent | 67%, 91%, 80% |
| CMY | 0.3255, 0.0902, 0.2000 |
| CMYK | 0.26, 0.00, 0.12, 0.09 |
| HSL | 152°, 57%, 79% |
| HSV | 152°, 26%, 91% |
| XYZ | 56.7690, 70.8435, 67.8089 |
| YIQ | 210.8680, -26.7720, -21.4280 |

Conversions

Conversions Part 2

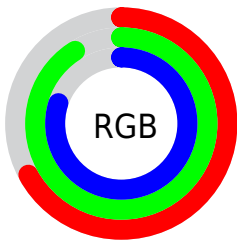
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 172, 211, 232 |
| Decimal | 11331788 |
| CIELab | 87.41, -24.65, 7.50 |
| CIELCh | 87, 25.767, 163.084 |
| Yxy | 70.8435, 0.2905, 0.3625 |
| Android (android.graphics.Color) | 4289521868 (0xFFACE8CC) |
| YUV | 210.8680, -3.3859, -34.0872 |
| Hunter-Lab | 84.1686, -26.9026, 11.1521 |

Details

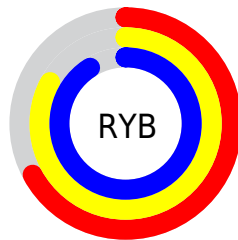
The Hex color **ACE8CC** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E8ACC8**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **E4FFFF**, and **76B096** is the 20% darker color. If you saturate the color by 10%, you get **95E8C1**, and if you desaturate by 10%, it is **C3E8D7**.

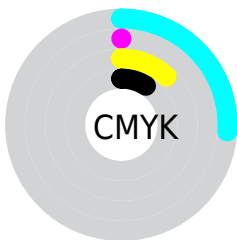
Distribution



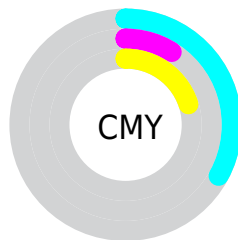
- Red (67%)
- Green (91%)
- Blue (80%)



- Red (67%)
- Yellow (83%)
- Blue (91%)



- Cyan (26%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (33%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACE8CC 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 ACE8CC by changing the saturation by 10% instead.

 ACE8CC

 ACE8CC

FFFFFF

 91CCB1

 E4FFFF

 76B096

 5C957C

 437B63

 2A624B

 0E4A35

 00331F

 001F08

 000000

 ACE8CC

 ACE8CC

 95E8C1

 C3E8D7

 7EE8B6

 DAE8E2

 66E8AC

 F2E8EC

 4FE8A1

 FFE8F7

 38E896

 FFE8FF

 21E88B

 0AE880

 00E87C

Harmonies

Analogous

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



C7E4B7



ACE8CC



9AE9E5

Triad

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



ACE8CC



CDDAFF



FFCDBB

Complementary

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



ACE8CC



E8ACC8

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.



FFCAD1



ACE8CC



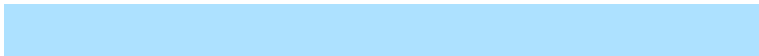
ECD1FF

Square

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



ACE8CC



ADE1FF



FFCBEA



FAD5AD

Rectangle

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



ACE8CC



97E8F5



FFCBEA



FFCC1

Sweetspot

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



ACE8CC



EBFFF5



C8E8AC



73807A



000000



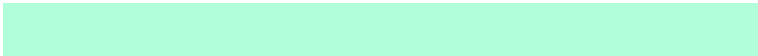
808080

Same Dimension

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



ACE8CC



B0FFDA



ACE6E8



67736D



00B35F



00331B

Inverse Universe

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



E8ACC8



FFB0D5



E8AEAC



73676D



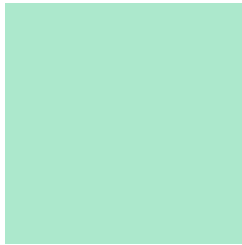
B30053



330018

Previews

White Background



This preview shows how the Hex color ACE8CC looks on a white background.

Color Contrast Check

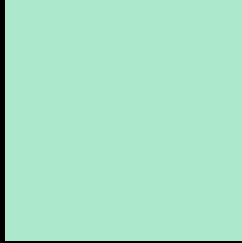
Large Text (above 18pt) WCAG AA × Fail

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 ACE8CC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

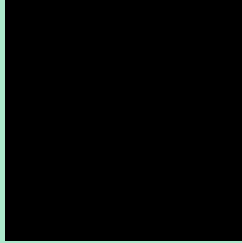
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

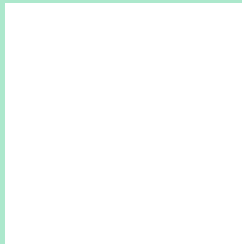
Any Text WCAG AAA ✓ Pass

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

Hex ACE8CC Background



This preview shows how black text looks on a background with the Hex color ACE8CC.

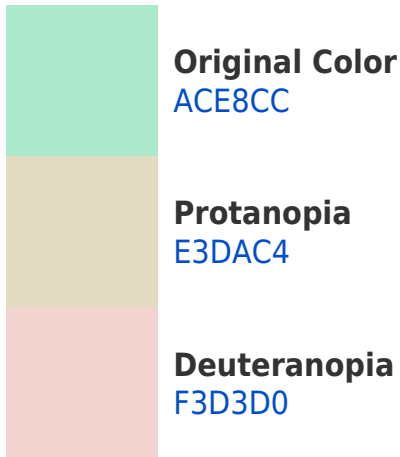


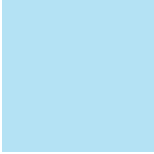
This preview shows how white text looks on a background with the Hex color ACE8CC.

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



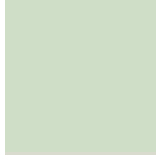


Tritanopia
B4E2F4

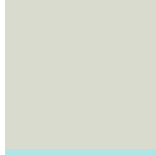
Trichromacy



Original Color
ACE8CC



Protanomaly
CFDFC7



Deuteranomaly
D9DBCf

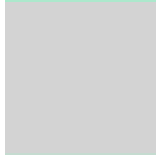


Tritanomaly
B1E4E5

Monochromacy



Original Color
ACE8CC



Achromatopsia
D3D3D3



Achromatomaly
C5DBD0

CSS Examples

Text

The CSS property to change the color of the text to Hex ACE8CC 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 #ACE8CC looks like.

```
.text, #text, p{  
    color:#ACE8CC  
}
```

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 #ACE8CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACE8CC  
}
```

Border

The CSS property to change the border of an element to Hex ACE8CC 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  
#ACE8CC }
```

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

```
.border{ border-color:#ACE8CC }
```

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

Here you see how a box with a 4 pixel #ACE8CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACE8CC; -webkit-box-shadow:4px 4px  
4px 4px #ACE8CC; box-shadow:4px 4px 4px  
4px #ACE8CC }
```

Background

The CSS property to change the background color of an element to Hex ACE8CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACE8CC }
```

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

```
.background{ background-color:#ACE8CC }
```

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