

# Converting Colors

Hex(ACE6DC)

Have a look what the booklet for  
Hex(ACE6DC) contains.

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# **Color**

**Hex(ACE6DC)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | ACE6DC                       |
| RGB         | 172, 230, 220                |
| RGB Percent | 67%, 90%, 86%                |
| CMY         | 0.3255, 0.0980, 0.1373       |
| CMYK        | 0.25, 0.00, 0.04, 0.10       |
| HSL         | 170°, 54%, 79%               |
| HSV         | 170°, 25%, 90%               |
| XYZ         | 58.2283, 70.5316, 78.2551    |
| YIQ         | 211.5180, -31.3580, -15.4060 |

# Conversions

## Conversions Part 2

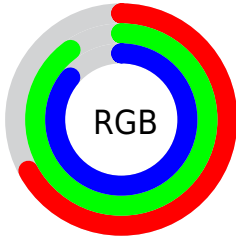
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 172, 204, 230                 |
| Decimal                             | 11331292                      |
| CIELab                              | 87.26, -20.42, -1.12          |
| CIELCh                              | 87, 20.450, 183.139           |
| Yxy                                 | 70.5316, 0.2813,<br>0.3407    |
| Android<br>(android.graphics.Color) | 4289521372<br>(0xFFACE6DC)    |
| YUV                                 | 211.5180, 4.1816,<br>-34.6573 |
| Hunter-Lab                          | 83.9831, -23.2103,<br>3.5419  |

# Details

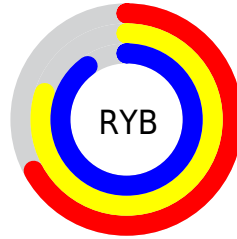
The Hex color **ACE6DC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E6ACB6**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **E4FFFF**, and **76AEA5** is the 20% darker color. If you saturate the color by 10%, you get **95E6D8**, and if you desaturate by 10%, it is **C3E6E0**.

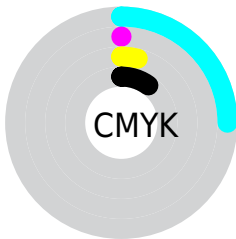
# Distribution



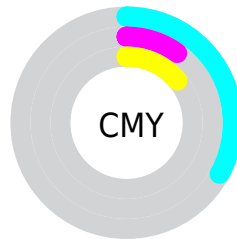
- Red (67%)
- Green (90%)
- Blue (86%)



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



- Cyan (25%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)



- Cyan (33%)
- Magenta (10%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACE6DC 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 ACE6DC by changing the saturation by 10% instead.



 ACE6DC

 ACE6DC

FFFFFF

 91CAC0

 E4FFFF

 76AEA5

 5C948B

 437A71

 296159

 0C4942

 00322C

 001E17

 000000

 ACE6DC

 ACE6DC

 95E6D8

 C3E6E0

 7EE6D4

 DAE6E4

 67E6D0

 F1E6E8

 50E6CC

 FFE6EC

 39E6C8

 FFE6F0

 22E6C4

 FFE6F4

 0BE6C0

 FFE6F8

 00E6BE

 FFE6FC

 FFE6FF

# Harmonies

## Analogous

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



BCE4C9



ACE6DC



A7E5EF

# Triad

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



ACE6DC



E1D5FB



F9D4B9

# Complementary

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



ACE6DC



E6ACB6

# 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.



FFCFC6



ACE6DC



F6D0ED

# Square

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



ACE6DC



C7DCFF



FFCDD9



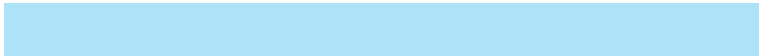
E8DAB4

# Rectangle

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



ACE6DC



ACE3F9



FFCDD9



FDD2BC



# Sweetspot

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



ACE6DC



EBFFFB



B7E6AC



73807D



000000



808080



# Same Dimension

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



ACE6DC



B3FFF2



ACD4E6



677371



00B394



00332A



# Inverse Universe

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



E6ACB6



FFB3C0



E6BEAC



736769



B3001F

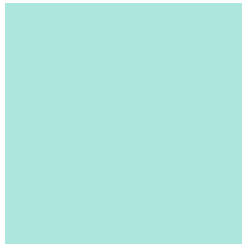


330009



# Previews

## White Background



This preview shows how the Hex color ACE6DC looks on a white background.

## Color Contrast Check

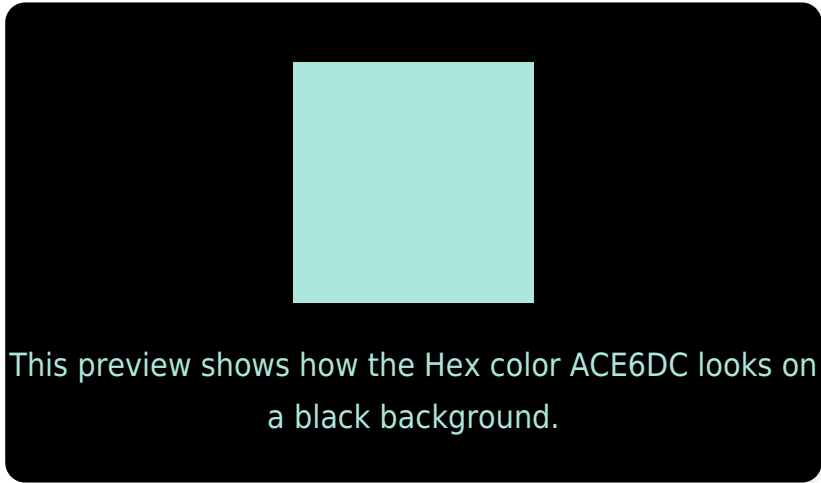
Large Text (above 18pt) WCAG AA × Fail

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

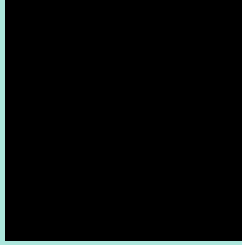
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

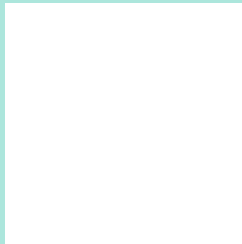
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ACE6DC Background



This preview shows how black text looks on a background with the Hex color ACE6DC.

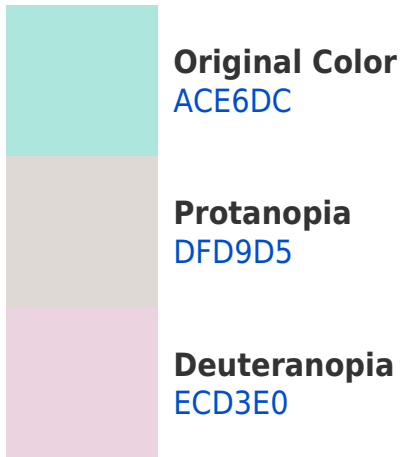


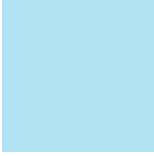
This preview shows how white text looks on a background with the Hex color ACE6DC.

# 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



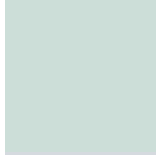


**Tritanopia**  
B1E2F4

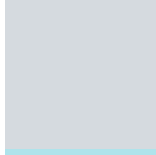
# Trichromacy



**Original Color**  
ACE6DC



**Protanomaly**  
CCDED8



**Deuteranomaly**  
D5DADF

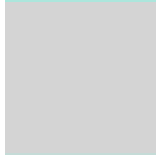


**Tritanomaly**  
AFE3EB

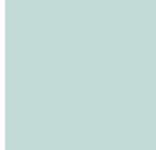
# Monochromacy



**Original Color**  
ACE6DC



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
C5DBD7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACE6DC 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 #ACE6DC looks like.

```
.text, #text, p{  
    color:#ACE6DC  
}
```

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 #ACE6DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACE6DC }  
}
```

## Border

The CSS property to change the border of an element to Hex ACE6DC 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 #ACE6DC }  
}
```

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

```
.border{ border-color:#ACE6DC }
```

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

Here you see how a box with a 4 pixel #ACE6DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACE6DC; -webkit-box-shadow:4px 4px  
4px 4px #ACE6DC; box-shadow:4px 4px 4px  
4px #ACE6DC }
```

# Background

The CSS property to change the background color of an element to Hex ACE6DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACE6DC }
```

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

```
.background{ background-color:#ACE6DC }
```

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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