

# Converting Colors

Hex(ACE3B7)

Have a look what the booklet for  
Hex(ACE3B7) contains.

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# **Color**

**Hex(ACE3B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACE3B7
RGB	172, 227, 183
RGB Percent	67%, 89%, 72%
CMY	0.3255, 0.1098, 0.2824
CMYK	0.24, 0.00, 0.19, 0.11
HSL	132°, 50%, 78%
HSV	132°, 24%, 89%
XYZ	53.0296, 67.1277, 54.9617
YIQ	205.5390, -18.6560, -25.3440

# Conversions

## Conversions Part 2

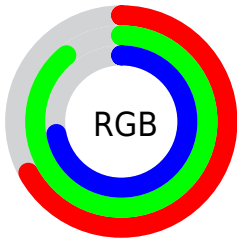
Format	Color
<a href="#">RYB</a>	<a href="#">172, 218, 227</a>
Decimal	<a href="#">11330487</a>
CIELab	<a href="#">85.57, -26.17, 15.87</a>
CIELCh	<a href="#">86, 30.612, 148.765</a>
Yxy	<a href="#">67.1277, 0.3028, 0.3833</a>
Android (android.graphics.Color)	<a href="#">4289520567 (0xFFACE3B7)</a>
YUV	<a href="#">205.5390, -11.1117, -29.4137</a>
Hunter-Lab	<a href="#">81.9315, -27.8473, 17.5788</a>

# Details

The Hex color **ACE3B7** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E3ACD8**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **E4FFEF**, and **77AB82** is the 20% darker color. If you saturate the color by 10%, you get **95E3A5**, and if you desaturate by 10%, it is **C3E3C9**.

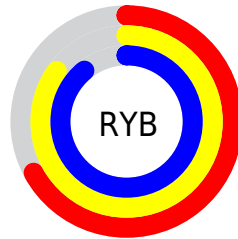
# Distribution



Red (67%)

Green (89%)

Blue (72%)



Red (67%)

Yellow (85%)

Blue (89%)

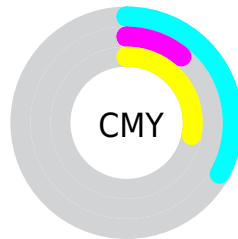


Cyan (24%)

Magenta (0%)

Yellow (19%)

Black (11%)



Cyan (33%)

Magenta (11%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACE3B7 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 ACE3B7 by changing the saturation by 10% instead.



 ACE3B7

 ACE3B7

FFFFFF

 91C79C

 E4FFEF

 77AB82

 5D9169

 447750

 2B5E39

 114623

 002F0E

 001C00

 000000

 ACE3B7

 ACE3B7

 95E3A5

 C3E3C9

 7FE393

 D9E3DB

 68E381

 F0E3ED

 51E36E

 FFE3FF

 3BE35C

 24E34A

 0DE338

 00E32D

# Harmonies

## Analogous

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



CDDDA3



ACE3B7



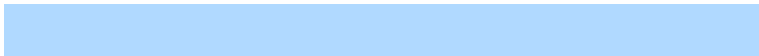
8EE6D4

# Triad

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



ACE3B7



B0D9FF



FFC3BB

# Complementary

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



ACE3B7



E3ACD8

# 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.



FFC1D8



ACE3B7



D9CFFF

# Square

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



ACE3B7



8DE1FF



FAC6F4



FFCAA5

# Rectangle

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



ACE3B7



82E6E7



FAC6F4



FFC1C5



# Sweetspot

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



ACE3B7



EDFFF1



D8E3AC



758077



000000



808080

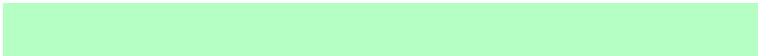


# Same Dimension

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



ACE3B7



B5FFC4



ACE3D2



67736A



00B324



00330A



# Inverse Universe

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



E3ACD8



FFB5F0



E3ACBD



736770



B3008F

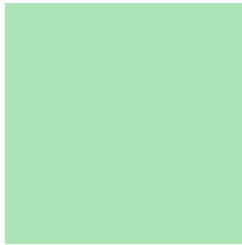


330029



# Previews

## White Background



This preview shows how the Hex color ACE3B7 looks on a white background.

## Color Contrast Check

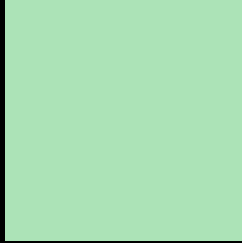
Large Text (above 18pt) WCAG AA × Fail

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 ACE3B7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

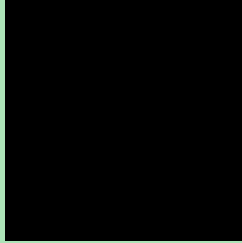
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

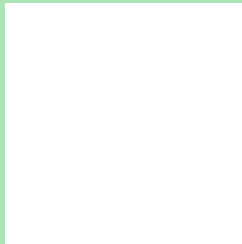
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ACE3B7 Background



This preview shows how black text looks on a background with the Hex color ACE3B7.

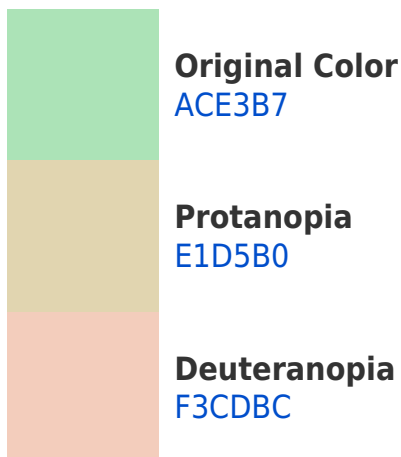


This preview shows how white text looks on a background with the Hex color ACE3B7.

# 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](#).

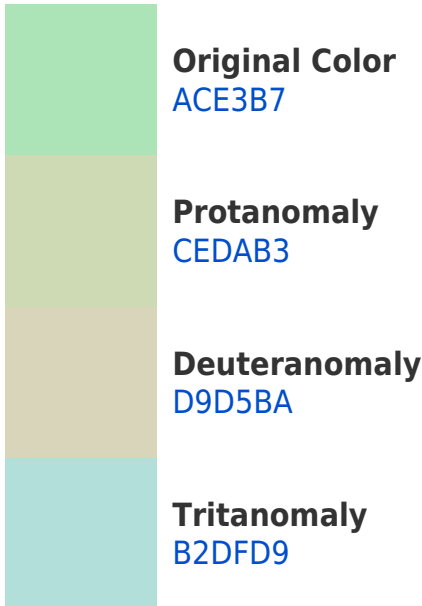
## Dichromacy



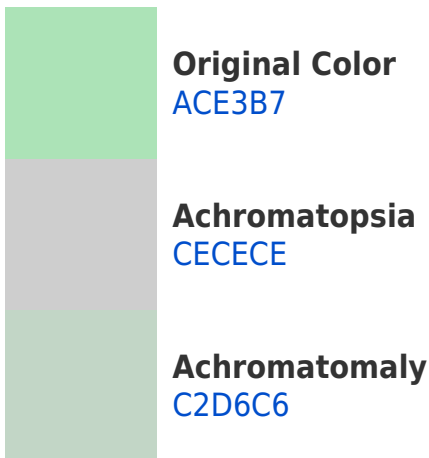


**Tritanopia**  
B6DCED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACE3B7 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 #ACE3B7 looks like.

```
.text, #text, p{  
    color:#ACE3B7  
}
```

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 #ACE3B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACE3B7
}
```

## Border

The CSS property to change the border of an element to Hex ACE3B7 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
#ACE3B7 }
```

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

```
.border{ border-color:#ACE3B7 }
```

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

Here you see how a box with a 4 pixel #ACE3B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACE3B7; -webkit-box-shadow:4px 4px  
4px 4px #ACE3B7; box-shadow:4px 4px 4px  
4px #ACE3B7 }
```

# Background

The CSS property to change the background color of an element to Hex ACE3B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACE3B7 }
```

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

```
.background{ background-color:#ACE3B7 }
```

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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