

# Converting Colors

Hex(ACBE88)

Have a look what the booklet for  
Hex(ACBE88) contains.

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# **Color**

**Hex(ACBE88)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ACBE88
RGB	172, 190, 136
RGB Percent	67%, 75%, 53%
CMY	0.3255, 0.2549, 0.4667
CMYK	0.09, 0.00, 0.28, 0.25
HSL	80°, 29%, 64%
HSV	80°, 28%, 75%
XYZ	39.8706, 47.3751, 30.3355
YIQ	178.4620, 6.6060, -20.6100

# Conversions

## Conversions Part 2

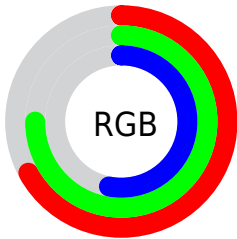
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 190, 154
Decimal	11320968
CIE <sub>Lab</sub>	74.43, -15.49, 25.29
CIE <sub>LCh</sub>	74, 29.655, 121.491
Yxy	47.3751, 0.3391, 0.4029
Android (android.graphics.Color)	4289511048 (0xFFACBE88)
YUV	178.4620, -20.9338, -5.6672
Hunter-Lab	68.8296, -17.0528, 22.0497

# Details

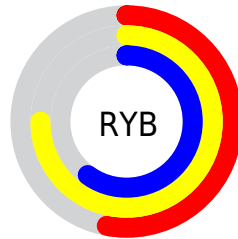
The Hex color **ACBE88** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9A88BE**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **E4F6BE**, and **778956** is the 20% darker color. If you saturate the color by 10%, you get **A6BE75**, and if you desaturate by 10%, it is **B2BE9B**.

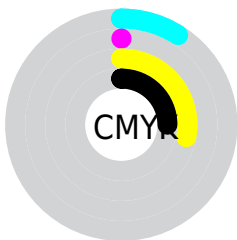
# Distribution



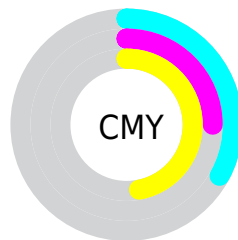
- Red (67%)
- Green (75%)
- Blue (53%)



- Red (53%)
- Yellow (75%)
- Blue (60%)



- Cyan (9%)
- Magenta (0%)
- Yellow (28%)
- Black (25%)



- Cyan (33%)
- Magenta (25%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACBE88 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 ACBE88 by changing the saturation by 10% instead.



 ACBE88

 ACBE88

FFFFFF

 91A36E

 E4F6BE

 778956

 FFFFDA

 5E6F3E

 FFFFF6

 465727

 2E3F11

 1A2900

 001700

 000000

 ACBE88

 ACBE88

 A6BE75

 B2BE9B

 9FBE62

 B9BEAE

 99BE4F

 BFBEC1

 93BE3C

 C5BED4

 8CBE29

 CCBEE7

 86BE16

 D2BEFA

 80BE03

 D8BEFF

 7FBE00

 DFBEFF

 E5BEFF

# Harmonies

## Analogous

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



C9B681



ACBE88



8CC49C

# Triad

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



ACBE88



72C1E6



ECA3B7

# Complementary

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



ACBE88



9A88BE

# 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.



DBA7D2



ACBE88



96B9ED

# Square

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



ACBE88



62C5D3



BDB0E6



EDA59C

# Rectangle

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



ACBE88



79C6AE



BDB0E6



E8A4C0

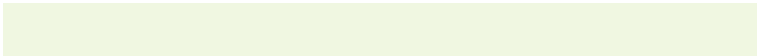


# Sweetspot

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



ACBE88



F0F7E1



BE9A88



787D6F



FCFCFC



7D7D7D

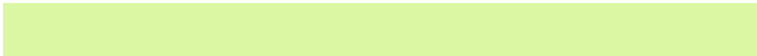


# Same Dimension

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



ACBE88



DBF7A3



92BE88



5B5E55



699E00



141F00



# Inverse Universe

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



9A88BE



BFA3F7



B588BE



58555E



35009E



0A001F



# Previews

## White Background



This preview shows how the Hex color ACBE88 looks on a white background.

## Color Contrast Check

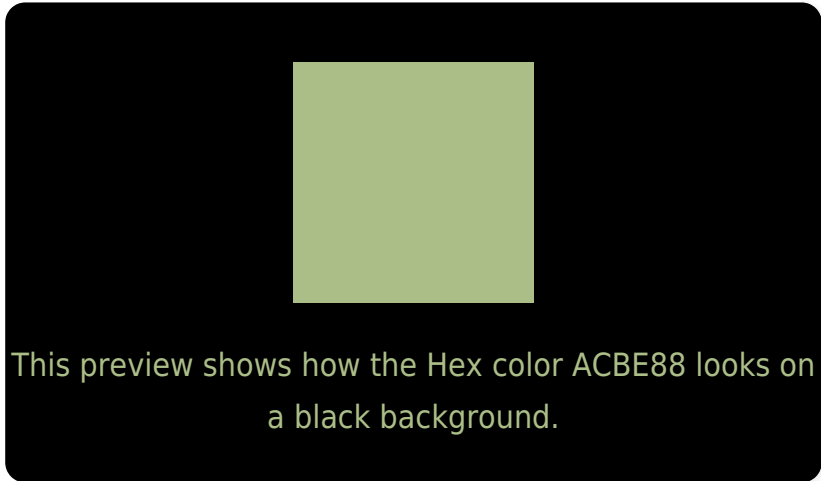
Large Text (above 18pt) WCAG AA × Fail

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

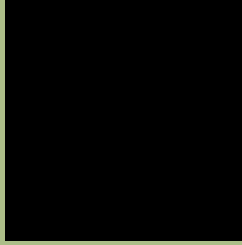
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ACBE88 Background



This preview shows how black text looks on a background with the Hex color ACBE88.

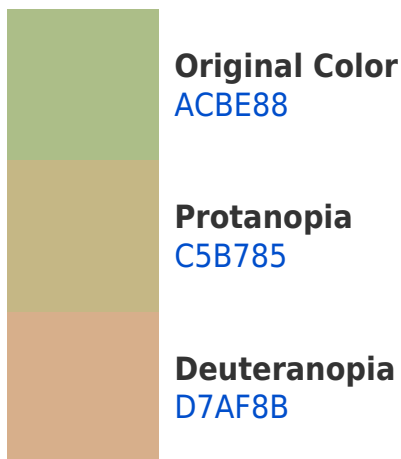


This preview shows how white text looks on a background with the Hex color ACBE88.

# 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](#).

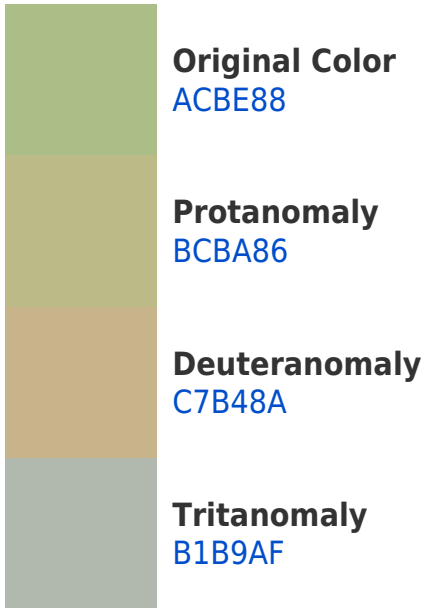
## Dichromacy



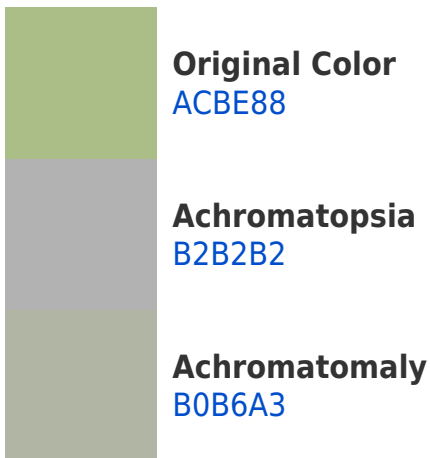


**Tritanopia**  
B4B6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACBE88 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 #ACBE88 looks like.

```
.text, #text, p{  
    color:#ACBE88  
}
```

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 #ACBE88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACBE88  
}
```

## Border

The CSS property to change the border of an element to Hex ACBE88 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  
#ACBE88 }
```

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

```
.border{ border-color:#ACBE88 }
```

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

Here you see how a box with a 4 pixel #ACBE88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACBE88; -webkit-box-shadow:4px 4px  
4px 4px #ACBE88; box-shadow:4px 4px 4px  
4px #ACBE88 }
```

# Background

The CSS property to change the background color of an element to Hex ACBE88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACBE88 }
```

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

```
.background{ background-color:#ACBE88 }
```

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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