

# Converting Colors

Hex(CCBECA)

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

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# **Color**

**Hex(CCBECA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCBECA
RGB	204, 190, 202
RGB Percent	80%, 75%, 79%
CMY	0.2000, 0.2549, 0.2078
CMYK	0.00, 0.07, 0.01, 0.20
HSL	309°, 12%, 77%
HSV	309°, 7%, 80%
XYZ	53.9760, 53.9285, 63.4415
YIQ	195.5540, 4.4920, 6.7000

# Conversions

## Conversions Part 2

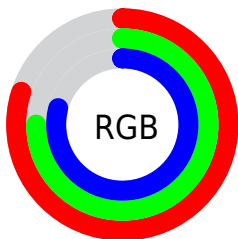
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 190, 202
Decimal	13418186
CIE <sub>Lab</sub>	78.42, 7.07, -4.25
CIE <sub>LCh</sub>	78, 8.251, 328.980
Yxy	53.9285, 0.3150, 0.3147
Android (android.graphics.Color)	4291608266 (0xFFCCBECA)
YUV	195.5540, 3.1779, 7.4071
Hunter-Lab	73.4361, 2.6855, 0.1845

# Details

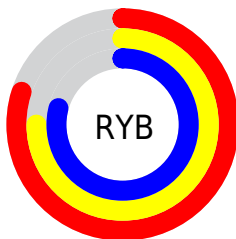
The Hex color **CCBECA** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BECCC0**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFF6FF**, and **968994** is the 20% darker color. If you saturate the color by 10%, you get **CCAAC7**, and if you desaturate by 10%, it is **CCD2CD**.

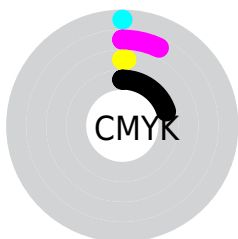
# Distribution



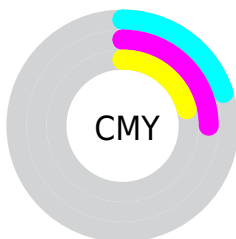
- Red (80%)
- Green (75%)
- Blue (79%)



- Red (80%)
- Yellow (75%)
- Blue (79%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (20%)



- Cyan (20%)
- Magenta (25%)
- Yellow (21%)

# Brightness & Saturation Gradients

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



 CCBECA

 CCBECA

FFFFFF

 B1A3AF

 FFF6FF

 968994

 7C6F7A

 635761

 4B404A

 342A33

 1F151E

 000004

 000000

 CCBECA

 CCBECA

 CCAAC7

 CCD2CD

 CC95C4

 CCE7D0

 CC81C1

 CCFBD3

 CC6CBE

 CCFFD6

 CC58BB

 CCFFD9

 CC44B9

 CCFFDB

 CC2FB6

 CCFFDE

 CC1BB3

 CCFFE1

 CC06B0

 CCFFE4

# Harmonies

## Analogous

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



C3C0CF



CCBECA



D2BDC3

# Triad

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



CCBECA



C9C1B3



AFC6C9

# Complementary

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



CCBECA



BECC0

# 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.



B1C7C1



CCBECA



C0C4B5

# Square

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



CCBECA



D0FBF5



B8C6BA



B2C5CF

# Rectangle

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



CCBECA



D3BDBD



B8C6BA



AFC7C7

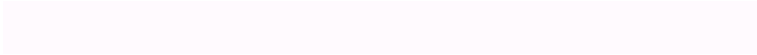


# Sweetspot

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



CCBECA



FFFAFE



C0BECC



807D7F



000000



808080



# Same Dimension

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



CCBECA



FFEBFC



CCBEC3



665C65



A6008E



260021



# Inverse Universe

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



CCBECA



FFEBFC



BECCC7



665C65



A6008E

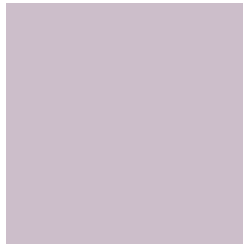


260021



# Previews

## White Background



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

## Color Contrast Check

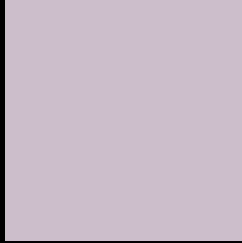
Large Text (above 18pt) WCAG AA × Fail

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 CCBECA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

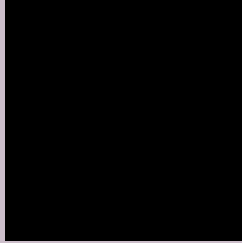
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

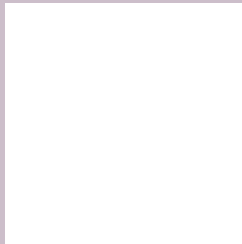
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CCBECA Background



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



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

# 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



**Original Color**  
CCBECA

**Protanopia**  
C3C1CC

**Deuteranopia**  
D1BCCA



# Trichromacy



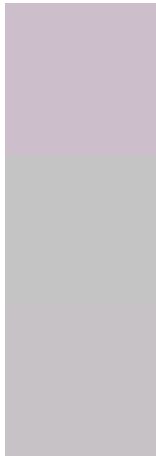
**Original Color**  
CCBECA

**Protanomaly**  
C6C0CB

**Deuteranomaly**  
CFBDCA

**Tritanomaly**  
CCBECC

# Monochromacy



**Original Color**  
CCBECA

**Achromatopsia**  
C4C4C4

**Achromatomaly**  
C7C2C6

# CSS Examples

## Text

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

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

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 #CCBECA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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