

Converting Colors

Hex(ACB7DC)

Have a look what the booklet for
Hex(ACB7DC) contains.

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Color

Hex(ACB7DC)

Conversions

Conversions Part 1

Format	Color
Hex	ACB7DC
RGB	172, 183, 220
RGB Percent	67%, 72%, 86%
CMY	0.3255, 0.2824, 0.1373
CMYK	0.22, 0.17, 0.00, 0.14
HSL	226°, 41%, 77%
HSV	226°, 22%, 86%
XYZ	46.8650, 47.8049, 74.4674
YIQ	183.9290, -18.4330, 9.1750

Conversions

Conversions Part 2

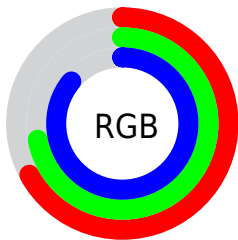
Format	Color
R_{YB}	172, 181, 220
Decimal	11319260
CIE _{Lab}	74.70, 4.05, -19.83
CIE _{LCh}	75, 20.238, 281.553
Yxy	47.8049, 0.2771, 0.2826
Android (android.graphics.Color)	4289509340 (0xFFACB7DC)
YUV	183.9290, 17.7830, -10.4617
Hunter-Lab	69.1411, -0.0066, -15.4586

Details

The Hex color **ACB7DC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DCD1AC**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **E4EFFF**, and **7782A5** is the 20% darker color. If you saturate the color by 10%, you get **96A6DC**, and if you desaturate by 10%, it is **C2C8DC**.

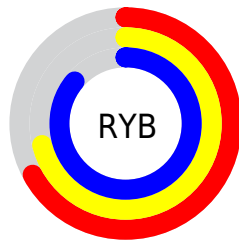
Distribution



Red (67%)

Green (72%)

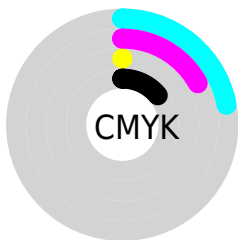
Blue (86%)



Red (67%)

Yellow (71%)

Blue (86%)

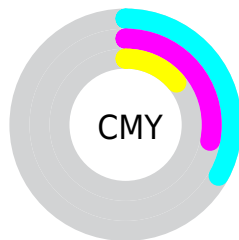


Cyan (22%)

Magenta (17%)

Yellow (0%)

Black (14%)



Cyan (33%)

Magenta (28%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACB7DC 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 ACB7DC by changing the saturation by 10% instead.

■ ACB7DC

FFFFFF

■ E4EFFF

■ ACB7DC

■ 919CC0

■ 7782A5

■ 5E698B

■ 455171

■ 2D3A58

■ 162541

■ 00102B

■ 000116

■ 000000

■ ACB7DC

■ ACB7DC

■ 96A6DC

■ C2C8DC

■ 8095DC

■ D8D9DC

■ 6A84DC

■ EEEADC

■ 5473DC

■ FFFBDC

■ 3E62DC

■ FFFFDC

■ 2851DC

■ 1240DC

■ 0032DC

Harmonies

Analogous

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



95BDD8



ACB7DC



C4B1D4

Triad

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



ACB7DC



DCADA0



95C2AB

Complementary

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



ACB7DC



DCD1AC

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.



AABE9C



ACB7DC



D1B395

Square

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



ACB7DC



DEABB1



BFB993



88C3BF

Rectangle

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



ACB7DC



D1ADCA



BFB993



9CC1A6

Sweetspot

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



ACB7DC



EDF1FF



ACDCD1



757880



000000



808080

Same Dimension

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



ACB7DC



BDCCFF



B9ACDC



63656E



0028AD



000B2E

Inverse Universe

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



DCACB7



FFBDCC



CFDCAC



6E6365



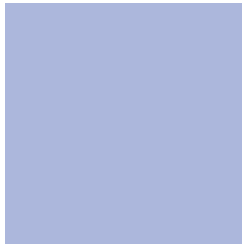
AD0028



2E000B

Previews

White Background



This preview shows how the Hex color ACB7DC looks on a white background.

Color Contrast Check

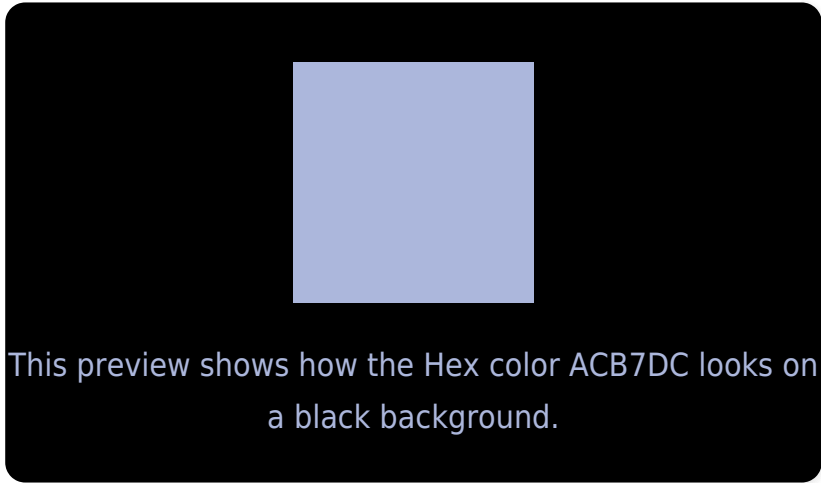
Large Text (above 18pt) WCAG AA × Fail

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

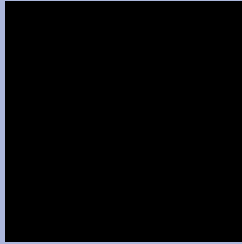
Any Text WCAG AA ✓ Pass

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 ACB7DC Background



This preview shows how black text looks on a background with the Hex color ACB7DC.



This preview shows how white text looks on a background with the Hex color ACB7DC.

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](#).

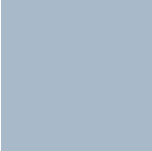
Dichromacy



Original Color
ACB7DC

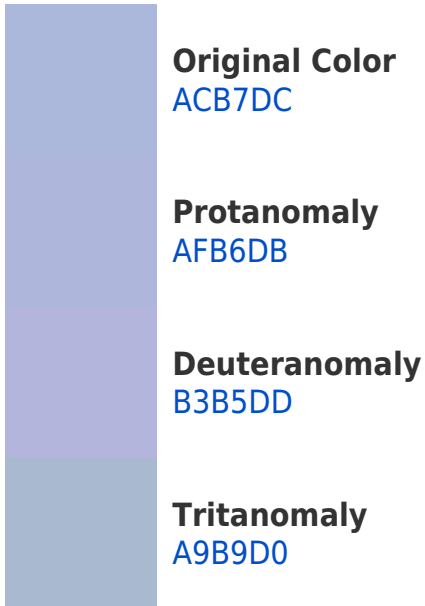
Protanopia
B0B6DB

Deuteranopia
B7B4DD

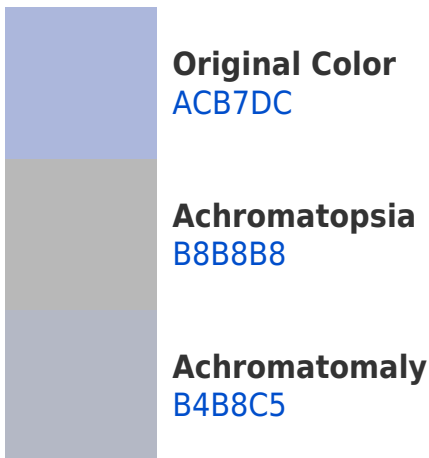


Tritanopia
A8BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACB7DC 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 #ACB7DC looks like.

```
.text, #text, p{  
    color:#ACB7DC  
}
```

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 #ACB7DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACB7DC
}
```

Border

The CSS property to change the border of an element to Hex ACB7DC 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
#ACB7DC }
```

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

```
.border{ border-color:#ACB7DC }
```

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

Here you see how a box with a 4 pixel #ACB7DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACB7DC; -webkit-box-shadow:4px 4px  
4px 4px #ACB7DC; box-shadow:4px 4px 4px  
4px #ACB7DC }
```

Background

The CSS property to change the background color of an element to Hex ACB7DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACB7DC }
```

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

```
.background{ background-color:#ACB7DC }
```

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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