

Converting Colors

Hex(ACB5E8)

Have a look what the booklet for
Hex(ACB5E8) contains.

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Color

Hex(ACB5E8)

Conversions

Conversions Part 1

Format	Color
Hex	ACB5E8
RGB	172, 181, 232
RGB Percent	67%, 71%, 91%
CMY	0.3255, 0.2902, 0.0902
CMYK	0.26, 0.22, 0.00, 0.09
HSL	231°, 57%, 79%
HSV	231°, 26%, 91%
XYZ	48.1026, 47.6446, 83.0050
YIQ	184.1230, -21.7350, 13.9530

Conversions

Conversions Part 2

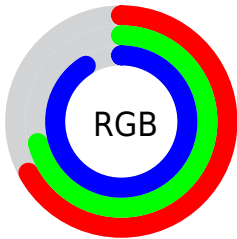
Format	Color
RYB	172, 180, 232
Decimal	11318760
CIELab	74.60, 7.94, -26.50
CIELCh	75, 27.659, 286.677
Yxy	47.6446, 0.2691, 0.2665
Android (android.graphics.Color)	4289508840 (0xFFACB5E8)
YUV	184.1230, 23.6034, -10.6319
Hunter-Lab	69.0251, 3.6003, -22.9807

Details

The Hex color **ACB5E8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E8DFAC**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **E4EDFF**, and **7680B0** is the 20% darker color. If you saturate the color by 10%, you get **95A1E8**, and if you desaturate by 10%, it is **C3C9E8**.

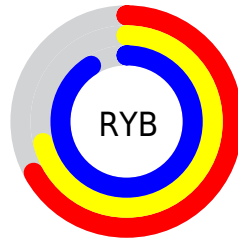
Distribution



Red (67%)

Green (71%)

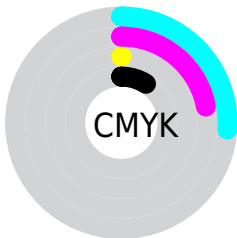
Blue (91%)



Red (67%)

Yellow (71%)

Blue (91%)

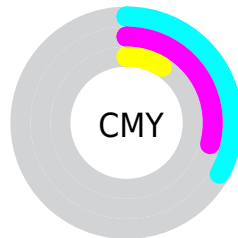


Cyan (26%)

Magenta (22%)

Yellow (0%)

Black (9%)



Cyan (33%)

Magenta (29%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACB5E8 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 ACB5E8 by changing the saturation by 10% instead.

■ ACB5E8

■ ACB5E8

FFFFFF

■ 919ACC

■ E4EDFF

■ 7680B0

■ 5D6795

■ 444F7B

■ 2B3962

■ 10234A

■ 000E33

■ 00021E

■ 000000

 ACB5E8

 ACB5E8

 95A1E8

 C3C9E8

 7E8EE8

 DADCE8

 667AE8

 F2F0E8

 4F66E8

 FFFFE8

 3852E8

 213FE8

 0A2BE8

 0023E8

Harmonies

Analogous

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



88BDE8



ACB5E8



CDACDB

Triad

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



ACB5E8



E6AA94



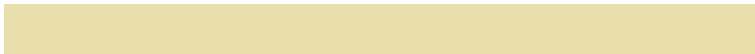
82C5AB

Complementary

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



ACB5E8



E8DFAC

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.



9FC194



ACB5E8



D4B286

Square

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



ACB5E8



EBA5AA



BBBA87



6EC6C5

Rectangle

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



ACB5E8



DDA8CC



BBBA87



8BC4A3

Sweetspot

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



ACB5E8



EBE EFF



ACE8DF



737580



000000



808080

Same Dimension

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



ACB5E8



B0BCFF



C1ACE8



676973



001BB3



000833

Inverse Universe

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



E8ACB5



FFB0BC



D3E8AC



736769



B3001B



330008

Previews

White Background



This preview shows how the Hex color ACB5E8 looks on a white background.

Color Contrast Check

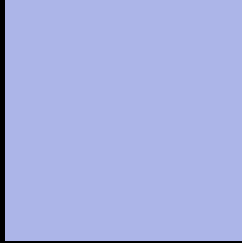
Large Text (above 18pt) WCAG AA × Fail

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 ACB5E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

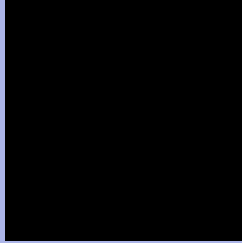
Any Text WCAG AA ✓ Pass

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 ACB5E8 Background



This preview shows how black text looks on a background with the Hex color ACB5E8.



This preview shows how white text looks on a background with the Hex color ACB5E8.

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
ACB5E8

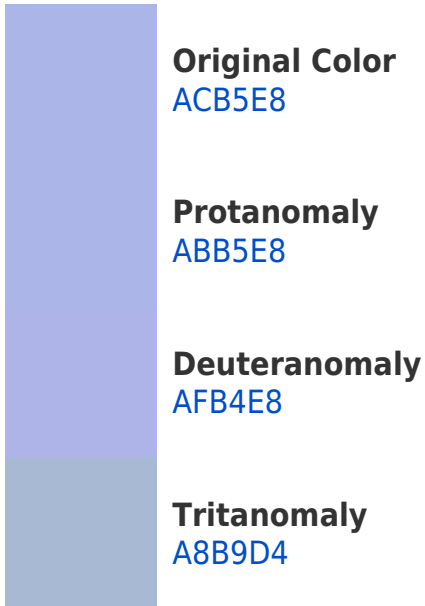
Protanopia
ABB5E8

Deuteranopia
B0B4E8

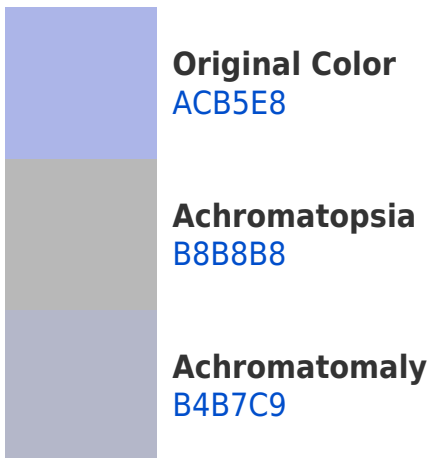


Tritanopia
A6BBC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACB5E8 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 #ACB5E8 looks like.

```
.text, #text, p{  
    color:#ACB5E8  
}
```

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 #ACB5E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACB5E8
}
```

Border

The CSS property to change the border of an element to Hex ACB5E8 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
#ACB5E8 }
```

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

```
.border{ border-color:#ACB5E8 }
```

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

Here you see how a box with a 4 pixel #ACB5E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACB5E8; -webkit-box-shadow:4px 4px  
4px 4px #ACB5E8; box-shadow:4px 4px 4px  
4px #ACB5E8 }
```

Background

The CSS property to change the background color of an element to Hex ACB5E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACB5E8 }
```

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

```
.background{ background-color:#ACB5E8 }
```

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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