

Converting Colors

Hex(ACB2C8)

Have a look what the booklet for
Hex(ACB2C8) contains.

Hex(ACB2C8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(ACB2C8)

Conversions

Conversions Part 1

Format	Color
Hex	ACB2C8
RGB	172, 178, 200
RGB Percent	67%, 70%, 78%
CMY	0.3255, 0.3020, 0.2157
CMYK	0.14, 0.11, 0.00, 0.22
HSL	227°, 20%, 73%
HSV	227°, 14%, 78%
XYZ	43.3590, 44.7816, 61.0020
YIQ	178.7140, -10.6380, 5.5700

Conversions

Conversions Part 2

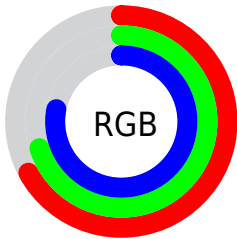
Format	Color
RYB	172, 177, 200
Decimal	11317960
CIELab	72.75, 2.37, -11.86
CIElCh	73, 12.097, 281.290
Yxy	44.7816, 0.2907, 0.3003
Android (android.graphics.Color)	4289508040 (0xFFACB2C8)
YUV	178.7140, 10.4940, -5.8882
Hunter-Lab	66.9190, -1.4525, -7.2042

Details

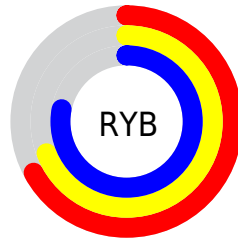
The Hex color **ACB2C8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C8C2AC**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **E4EAFF**, and **787D92** is the 20% darker color. If you saturate the color by 10%, you get **98A2C8**, and if you desaturate by 10%, it is **C0C2C8**.

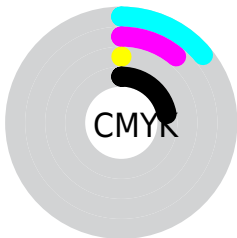
Distribution



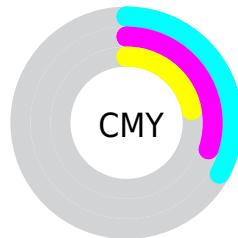
- Red (67%)
- Green (70%)
- Blue (78%)



- Red (67%)
- Yellow (69%)
- Blue (78%)



- Cyan (14%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACB2C8 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 ACB2C8 by changing the saturation by 10% instead.

■ ACB2C8

■ ACB2C8

FFFFFF

■ 9197AD

■ E4EAFF

■ 787D92

■ 5F6578

■ 474D60

■ 303648

■ 1A2131

■ 02091D

■ 000000

■ ACB2C8

■ ACB2C8

■ 98A2C8

■ C0C2C8

■ 8493C8

■ D4D1C8

■ 7083C8

■ E8E1C8

■ 5C73C8

■ FCF1C8

■ 4863C8

■ FFFFC8

■ 3454C8

■ 2044C8

■ 0C34C8

■ 002BC8

Harmonies

Analogous

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



9FB6C7



ACB2C8



BAAEC3

Triad

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



ACB2C8



C9ACA4



9FB9AB

Complementary

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



ACB2C8



C8C2AC

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.



AAB6A2



ACB2C8



C2AF9E

Square

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



ACB2C8



CAABAF



B7B39D



98B9B6

Rectangle

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



ACB2C8



C2ACBD



B7B39D



A2B8A8

Sweetspot

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



ACB2C8



F5F7FF



ACC8C2



797A80



000000



808080

Same Dimension

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



ACB2C8



D4DDFF



B4ACC8



5A5C63



0023A3



000824

Inverse Universe

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



C8ACB2



FFD4DD



C0C8AC



635A5C



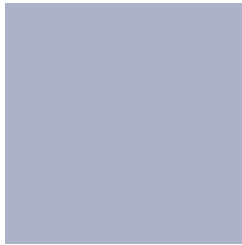
A30023



240008

Previews

White Background



This preview shows how the Hex color ACB2C8 looks on a white background.

Color Contrast Check

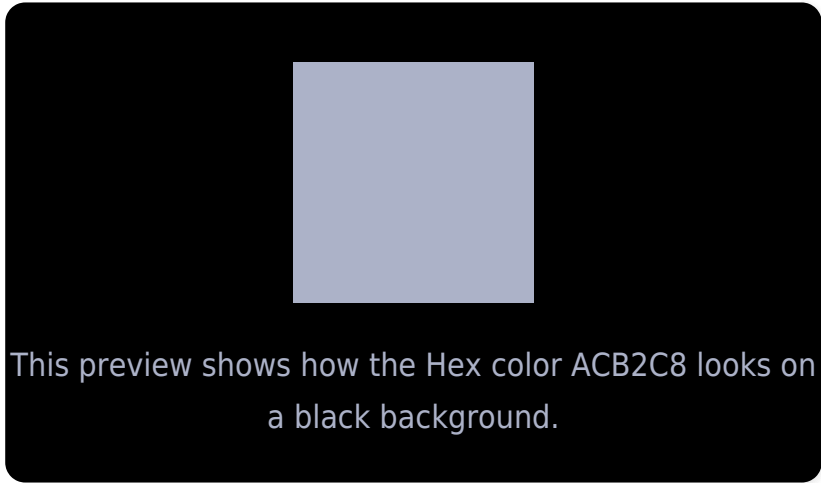
Large Text (above 18pt) WCAG AA × Fail

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

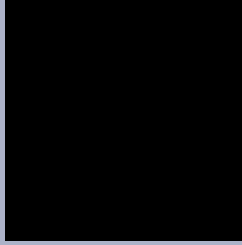
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

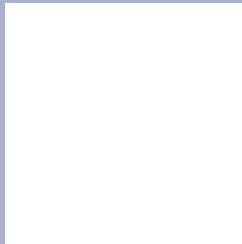
Any Text WCAG AAA ✓ Pass

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

Hex ACB2C8 Background



This preview shows how black text looks on a background with the Hex color ACB2C8.

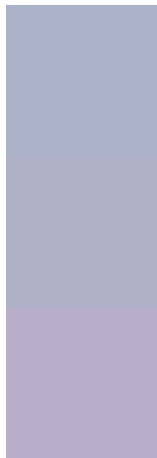


This preview shows how white text looks on a background with the Hex color ACB2C8.

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
ACB2C8

Protanopia
AFB1C7

Deuteranopia
B9AEC9



Tritanopia
ABB3C1

Trichromacy



Original Color
ACB2C8

Protanomaly
AEB1C7

Deuteranomaly
B4AFC9

Tritanomaly
ABB3C4

Monochromacy



Original Color
ACB2C8

Achromatopsia
B3B3B3

Achromatomaly
B0B3BB

CSS Examples

Text

The CSS property to change the color of the text to Hex ACB2C8 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 #ACB2C8 looks like.

```
.text, #text, p{  
    color:#ACB2C8  
}
```

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 #ACB2C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACB2C8  
}
```

Border

The CSS property to change the border of an element to Hex ACB2C8 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  
#ACB2C8 }
```

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

```
.border{ border-color:#ACB2C8 }
```

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

Here you see how a box with a 4 pixel #ACB2C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACB2C8; -webkit-box-shadow:4px 4px  
4px 4px #ACB2C8; box-shadow:4px 4px 4px  
4px #ACB2C8 }
```

Background

The CSS property to change the background color of an element to Hex ACB2C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACB2C8 }
```

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

```
.background{ background-color:#ACB2C8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor