

Converting Colors

Hex(ACC0CC)

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

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Color

Hex(ACCCCC)

Conversions

Conversions Part 1

Format	Color
Hex	ACC5CC
RGB	172, 204, 204
RGB Percent	67%, 80%, 80%
CMY	0.3255, 0.2000, 0.2000
CMYK	0.16, 0.00, 0.00, 0.20
HSL	180°, 24%, 74%
HSV	180°, 16%, 80%
XYZ	49.5052, 56.3160, 65.3876
YIQ	194.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

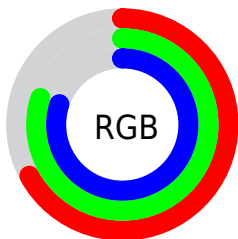
Format	Color
R _{YB}	172, 188, 204
Decimal	11324620
CIE Lab	79.79, -10.61, -3.58
CIE LCh	80, 11.197, 198.621
Yxy	56.3160, 0.2892, 0.3289
Android (android.graphics.Color)	4289514700 (0xFFACCCCC)
YUV	194.4320, 4.7170, -19.6729
Hunter-Lab	75.0440, -13.5737, 0.8700

Details

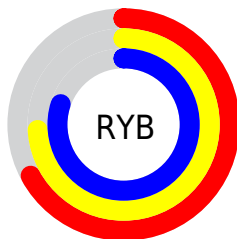
The Hex color **ACCCCC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CCACAC**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **E4FFFF**, and **779696** is the 20% darker color. If you saturate the color by 10%, you get **98CCCC**, and if you desaturate by 10%, it is **C0CCCC**.

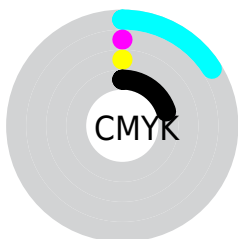
Distribution



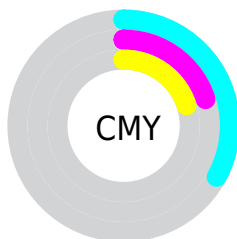
- Red (67%)
- Green (80%)
- Blue (80%)



- Red (67%)
- Yellow (74%)
- Blue (80%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (33%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

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

■ ACCCCC

■ ACCCCC

FFFFFF

■ 91B1B1

■ E4FFFF

■ 779696

■ 5E7C7C

■ 466363

■ 2E4B4B

■ 183435

■ 021F20

■ 000008

■ 000000

 ACCCCC

 ACCCCC

 98CCCC

 C0CCCC

 83CCCC

 D5CCCC

 6FCCCC

 E9CCCC

 5ACCCC

 FECCCC

 46CCCC

 FFCCCC

 32CCCC

 1DCCCC

 09CCCC

 00CCCC

Harmonies

Analogous

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



B1CCC1



ACCCCC



AECBD5

Triad

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



ACC55C



D0C1D4



D3C4B2

Complementary

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



ACCCCC



CCACAC

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.



DAC1B7



ACCCCC



D9BFCA

Square

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



ACC5CC



C3C4D9



DDBFC0



C7C7B2

Rectangle

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



ACC55C



B3C9D9



DDBFC0



D6C3B3

Sweetspot

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



ACC555



F2FFFF



ACC555



788080



000000



808080

Same Dimension

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



ACC555



C55555



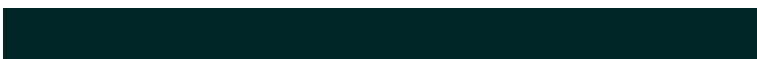
ACB555



5C6666



00A6A6



002626

Inverse Universe

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



CCACCC



FFCFFF



CCBCAC



665C66



A600A6



260026

Previews

White Background



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

Color Contrast Check

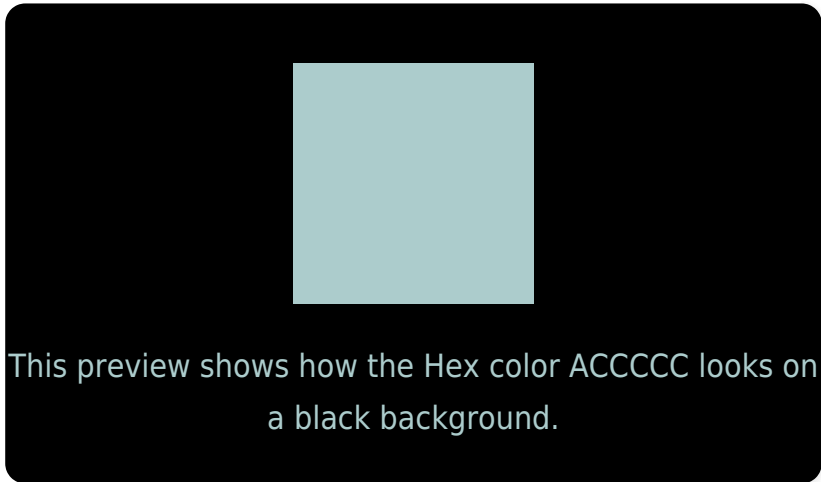
Large Text (above 18pt) WCAG AA × Fail

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

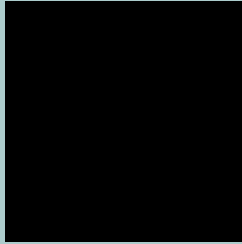
Any Text WCAG AA ✓ Pass

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 ACCCCC Background



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

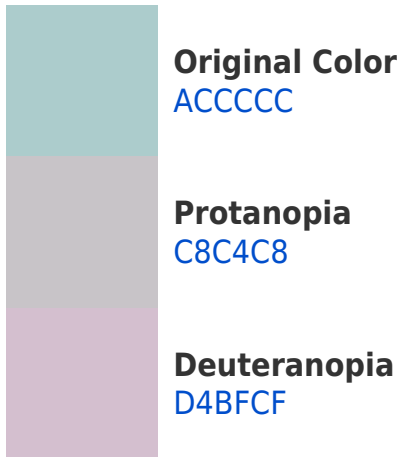


This preview shows how white text looks on a background with the Hex color ACCCCC.

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



Trichromacy



Original Color
ACCCCC

Protanomaly
BEC7C9

Deuteranomaly
C5C4CE

Tritanomaly
AECBD5

Monochromacy



Original Color
ACCCCC

Achromatopsia
C2C2C2

Achromatomaly
BAC6C6

CSS Examples

Text

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

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

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 #ACCCCC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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