

# Converting Colors

Hex(ACC6E8)

Have a look what the booklet for  
Hex(ACC6E8) contains.

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# **Color**

**Hex(ACC6E8)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | ACC6E8                     |
| RGB         | 172, 198, 232              |
| RGB Percent | 67%, 78%, 91%              |
| CMY         | 0.3255, 0.2235, 0.0902     |
| CMYK        | 0.26, 0.15, 0.00, 0.09     |
| HSL         | 214°, 57%, 79%             |
| HSV         | 214°, 26%, 91%             |
| XYZ         | 51.7728, 54.9850, 84.2284  |
| YIQ         | 194.1020, -26.4100, 5.0620 |

# Conversions

## Conversions Part 2

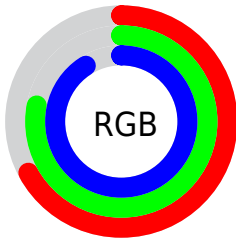
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 172, 190, 232                  |
| Decimal                             | 11323112                       |
| CIE <sub>Lab</sub>                  | 79.03, -1.28, -19.75           |
| CIE <sub>LCh</sub>                  | 79, 19.788, 266.288            |
| Yxy                                 | 54.9850, 0.2711,<br>0.2879     |
| Android<br>(android.graphics.Color) | 4289513192<br>(0xFFACC6E8)     |
| YUV                                 | 194.1020, 18.6837,<br>-19.3835 |
| Hunter-Lab                          | 74.1519, -5.1371,<br>-15.4406  |

# Details

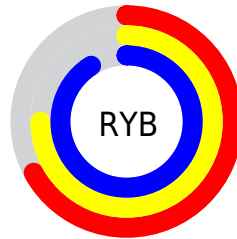
The Hex color **ACC6E8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E8CEAC**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **E4FFFF**, and **7690B0** is the 20% darker color. If you saturate the color by 10%, you get **95B9E8**, and if you desaturate by 10%, it is **C3D3E8**.

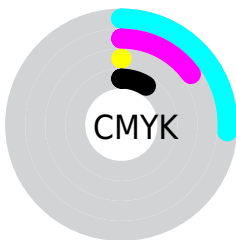
# Distribution



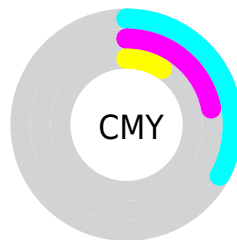
- Red (67%)
- Green (78%)
- Blue (91%)



- Red (67%)
- Yellow (75%)
- Blue (91%)



- Cyan (26%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)



- Cyan (33%)
- Magenta (22%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACC6E8 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 ACC6E8 by changing the saturation by 10% instead.



■ ACC6E8

■ ACC6E8

FFFFFF

■ 91ABCC

■ E4FFFF

■ 7690B0

■ 5D7796

■ 445E7C

■ 2B4763

■ 11304B

■ 001C34

■ 00021F

■ 000002

■ ACC6E8

■ ACC6E8

■ 95B9E8

■ C3D3E8

■ 7EACE8

■ DAE0E8

■ 669FE8

■ F2EDE8

■ 4F91E8

■ FFFBE8

■ 3884E8

■ FFFF E8

■ 2177E8

■ 0A6AE8

■ 0065E8

# Harmonies

## Analogous

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



99CBE2



ACC6E8



C4C0E5

# Triad

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



ACC6E8



EAB8B4



ABCCAF

# Complementary

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



ACC6E8



E8CEAC

# 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.



C1C8A3



ACC6E8



E3BCA6

# Square

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



ACC6E8



E7B7C7



D4C29F



9ACEC1

# Rectangle

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



ACC6E8



D3BCDD



D4C29F



B2CBAA



# Sweetspot

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



ACC6E8



EBF3FF



ACE8CE



737880



000000



808080



# Same Dimension

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



ACC6E8



B0D2FF



B0ACE8



676C73



004DB3



001633



# Inverse Universe

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



E8ACC6



FFB0D2



E4E8AC



73676C



B3004D

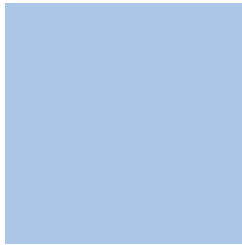


330016



# Previews

## White Background



This preview shows how the Hex color ACC6E8 looks on a white background.

## Color Contrast Check

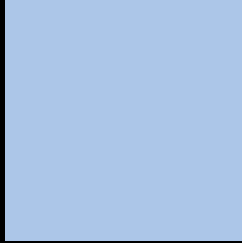
Large Text (above 18pt) WCAG AA × Fail

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 ACC6E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

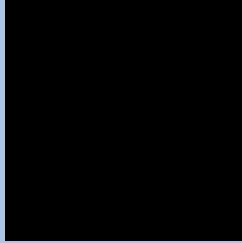
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

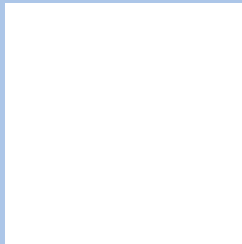
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ACC6E8 Background



This preview shows how black text looks on a background with the Hex color ACC6E8.

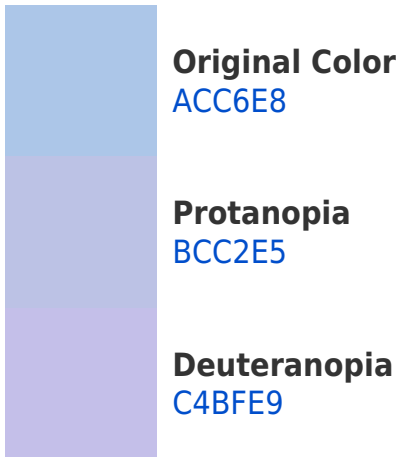


This preview shows how white text looks on a background with the Hex color ACC6E8.

# 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



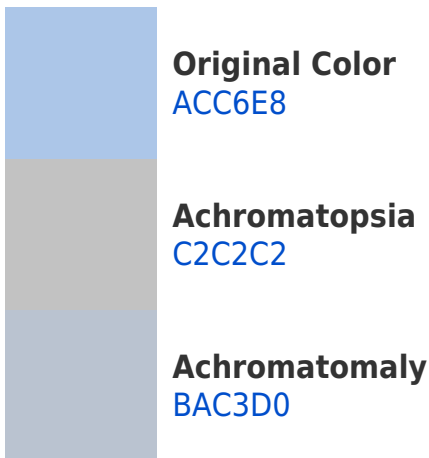


**Tritanopia**  
A9C9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACC6E8 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 #ACC6E8 looks like.

```
.text, #text, p{  
    color:#ACC6E8  
}
```

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 #ACC6E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACC6E8  
}
```

## Border

The CSS property to change the border of an element to Hex ACC6E8 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  
#ACC6E8 }
```

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

```
.border{ border-color:#ACC6E8 }
```

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

Here you see how a box with a 4 pixel #ACC6E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACC6E8; -webkit-box-shadow:4px 4px  
4px 4px #ACC6E8; box-shadow:4px 4px 4px  
4px #ACC6E8 }
```

# Background

The CSS property to change the background color of an element to Hex ACC6E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACC6E8 }
```

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

```
.background{ background-color:#ACC6E8 }
```

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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