

# Converting Colors

Hex(ABE7B5)

Have a look what the booklet for  
Hex(ABE7B5) contains.

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# **Color**

**Hex(ABE7B5)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | ABE7B5                       |
| RGB         | 171, 231, 181                |
| RGB Percent | 67%, 91%, 71%                |
| CMY         | 0.3294, 0.0941, 0.2902       |
| CMYK        | 0.26, 0.00, 0.22, 0.09       |
| HSL         | 130°, 56%, 79%               |
| HSV         | 130°, 26%, 91%               |
| XYZ         | 53.7110, 69.1460, 54.2317    |
| YIQ         | 207.3600, -19.7100, -28.2700 |

# Conversions

## Conversions Part 2

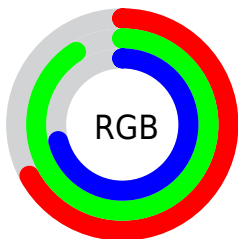
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">171, 222, 231</a>                    |
| Decimal                             | <a href="#">11265973</a>                         |
| CIELab                              | <a href="#">86.58, -28.76, 18.32</a>             |
| CIElCh                              | <a href="#">87, 34.102, 147.507</a>              |
| Yxy                                 | <a href="#">69.1460, 0.3033,<br/>0.3905</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4289456053<br/>(0xFFABE7B5)</a>      |
| YUV                                 | <a href="#">207.3600, -12.9955,<br/>-31.8877</a> |
| Hunter-Lab                          | <a href="#">83.1540, -30.2226,<br/>19.5399</a>   |

# Details

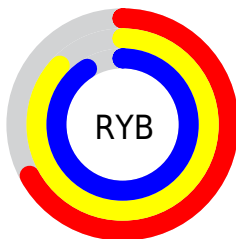
The Hex color **ABE7B5** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E7ABDD**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **E3FFED**, and **75AF80** is the 20% darker color. If you saturate the color by 10%, you get **94E7A2**, and if you desaturate by 10%, it is **C2E7C8**.

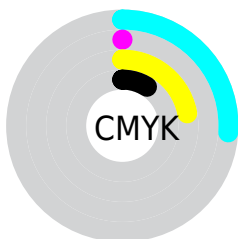
# Distribution



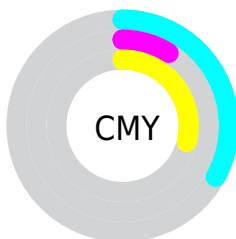
- Red (67%)
- Green (91%)
- Blue (71%)



- Red (67%)
- Yellow (87%)
- Blue (91%)



- Cyan (26%)
- Magenta (0%)
- Yellow (22%)
- Black (9%)



- Cyan (33%)
- Magenta (9%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABE7B5 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 ABE7B5 by changing the saturation by 10% instead.



 ABE7B5

 ABE7B5

FFFFFF

 90CB9A

 E3FFED

 75AF80

 5B9467

 427A4F

 296137

 0D4921

 00320C

 001F00

 000000

 ABE7B5

 ABE7B5

 94E7A2

 C2E7C8

 7DE78F

 D9E7DB

 66E77B

 F0E7EF

 4FE768

 FFE7FF

 37E755

 20E742

 09E72E

 00E727

# Harmonies

## Analogous

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



D0E09F



ABE7B5



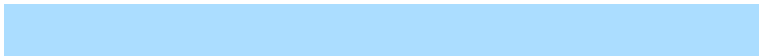
88EBD5

# Triad

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



ABE7B5



ABDDFF



FFC3BC

# Complementary

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



ABE7B5



E7ABDD

# 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.



FFC1DD



ABE7B5



DAD1FF

# Square

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



ABE7B5



82E5FF



FFC7FC



FFCBA3

# Rectangle

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



ABE7B5



77EBEB



FFC7FC



FFC1C7



# Sweetspot

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



ABE7B5



EBFFEE



DDE7AB



738075



000000



808080

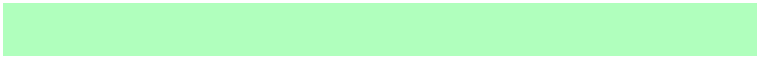


# Same Dimension

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



ABE7B5



B0FFBD



ABE7D3



677369



00B31E



003309



# Inverse Universe

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



E7ABDD



FFB0F2



E7ABBF



736771



B30095

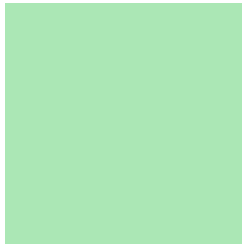


33002A



# Previews

## White Background



This preview shows how the Hex color ABE7B5 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 ABE7B5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

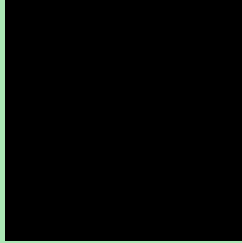
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

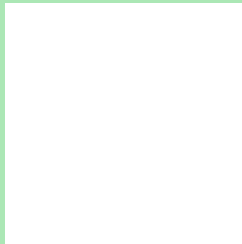
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ABE7B5 Background



This preview shows how black text looks on a background with the Hex color ABE7B5.

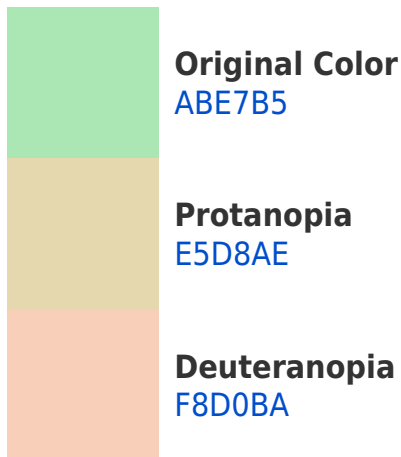


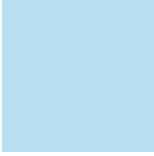
This preview shows how white text looks on a background with the Hex color ABE7B5.

# 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



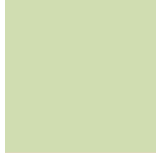


**Tritanopia**  
B6DFF1

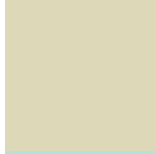
# Trichromacy



**Original Color**  
ABE7B5



**Protanomaly**  
D0DDB1

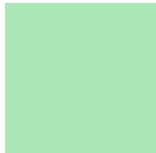


**Deuteranomaly**  
DCD8B8

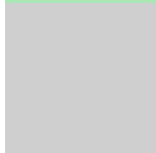


**Tritanomaly**  
B2E2DB

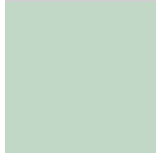
# Monochromacy



**Original Color**  
ABE7B5



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
C2D8C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABE7B5 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 #ABE7B5 looks like.

```
.text, #text, p{  
    color:#ABE7B5  
}
```

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 #ABE7B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABE7B5
}
```

## Border

The CSS property to change the border of an element to Hex ABE7B5 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
#ABE7B5 }
```

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

```
.border{ border-color:#ABE7B5 }
```

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

Here you see how a box with a 4 pixel #ABE7B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABE7B5; -webkit-box-shadow:4px 4px  
4px 4px #ABE7B5; box-shadow:4px 4px 4px  
4px #ABE7B5 }
```

# Background

The CSS property to change the background color of an element to Hex ABE7B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABE7B5 }
```

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

```
.background{ background-color:#ABE7B5 }
```

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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