

# Converting Colors

Hex(E1BBD3)

Have a look what the booklet for  
Hex(E1BBD3) contains.

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# **Color**

**Hex(E1BBD3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1BBD3
RGB	225, 187, 211
RGB Percent	88%, 73%, 83%
CMY	0.1176, 0.2667, 0.1725
CMYK	0.00, 0.17, 0.06, 0.12
HSL	322°, 39%, 81%
HSV	322°, 17%, 88%
XYZ	60.5795, 56.2513, 69.2927
YIQ	201.0980, 14.9440, 15.5200

# Conversions

## Conversions Part 2

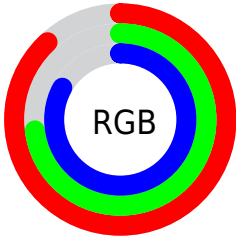
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 187, 211
Decimal	14793683
CIE Lab	79.76, 17.55, -6.93
CIE LCh	80, 18.870, 338.444
Yxy	56.2513, 0.3255, 0.3022
Android (android.graphics.Color)	4292983763 (0xFFE1BBD3)
YUV	201.0980, 4.8817, 20.9621
Hunter-Lab	75.0009, 12.9260, -2.2769

# Details

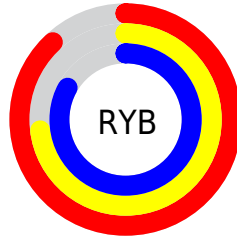
The Hex color **E1BBD3** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **BBE1C9**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFF3FF**, and **A9869D** is the 20% darker color. If you saturate the color by 10%, you get **E1A4CB**, and if you desaturate by 10%, it is **E1D2DB**.

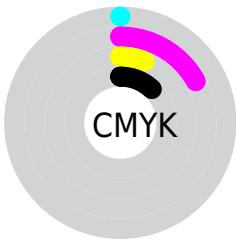
# Distribution



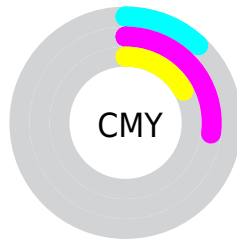
- Red (88%)
- Green (73%)
- Blue (83%)



- Red (88%)
- Yellow (73%)
- Blue (83%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (12%)



- Cyan (12%)
- Magenta (27%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1BBD3 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 E1BBD3 by changing the saturation by 10% instead.



 E1BBD3

FFFFFF

 FFF3FF

 E1BBD3

 C5A0B7

 A9869D

 8F6C82

 755469

 5C3C51

 44263A

 2D1125

 1B0010

 000000

 E1BBD3

 E1BBD3

 E1A4CB

 E1D2DB

 E18EC2

 E1E8E4

 E177BA

 E1FFEC

 E161B2

 E1FFF4

 E14BAA

 E1FFFC

 E134A1

 E1FFFF

 E11E99

 E10791

 E1008E

# Harmonies

## Analogous

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



CFC0E1



E1BBD3



EAB9C1

# Triad

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



E1BBD3



CEC6A3



98CFDB

# Complementary

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



E1BBD3



BBE1C9

# 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.



9AD0CA



E1BBD3



BACBAA

# Square

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



E1BBD3



DFC0A5



A7CFB8



A3CBE6

# Rectangle

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



E1BBD3



EBBAB6



A7CFB8



97CFD6



# Sweetspot

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



E1BBD3



FFF2FA



C9BBE1



80787D



000000



808080



# Same Dimension

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



E1BBD3



FFCCEC



E1BBC0



70656C



B0006F



30001F



# Inverse Universe

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



E1BBD3



FFCCEC



BBE1DC



70656C



B0006F



30001F



# Previews

## White Background



This preview shows how the Hex color E1BBD3 looks on a white background.

## Color Contrast Check

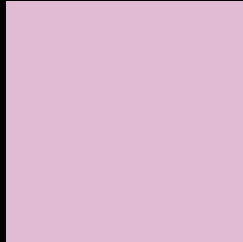
Large Text (above 18pt) WCAG AA × Fail

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 E1BBD3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

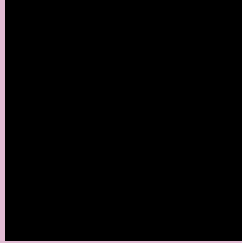
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E1BBD3 Background



This preview shows how black text looks on a background with the Hex color E1BBD3.

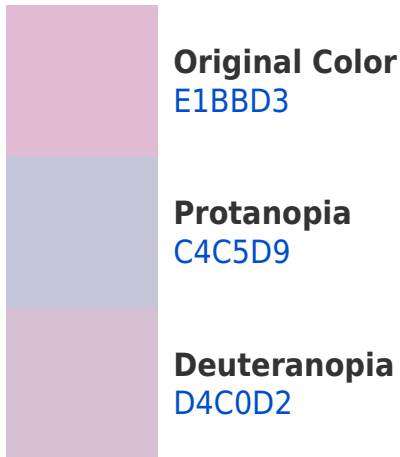


This preview shows how white text looks on a background with the Hex color E1BBD3.

# 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**  
E0BCCB

# Trichromacy



**Original Color**  
E1BBD3

**Protanomaly**  
CFC1D7

**Deuteranomaly**  
D9BED2

**Tritanomaly**  
E0BCCE

# Monochromacy



**Original Color**  
E1BBD3

**Achromatopsia**  
C9C9C9

**Achromatomaly**  
D2C4CD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1BBD3 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 #E1BBD3 looks like.

```
.text, #text, p{  
    color:#E1BBD3  
}
```

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 #E1BBD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1BBD3
}
```

## Border

The CSS property to change the border of an element to Hex E1BBD3 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
#E1BBD3 }
```

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

```
.border{ border-color:#E1BBD3 }
```

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

Here you see how a box with a 4 pixel #E1BBD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1BBD3; -webkit-box-shadow:4px 4px  
4px 4px #E1BBD3; box-shadow:4px 4px 4px  
4px #E1BBD3 }
```

# Background

The CSS property to change the background color of an element to Hex E1BBD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1BBD3 }
```

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

```
.background{ background-color:#E1BBD3 }
```

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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