

# Converting Colors

Hex(ECEBEB)

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

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# **Color**

**Hex(ECEBEB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ECEBEB
RGB	236, 235, 235
RGB Percent	93%, 92%, 92%
CMY	0.0745, 0.0784, 0.0784
CMYK	0.00, 0.00, 0.00, 0.07
HSL	0°, 3%, 92%
HSV	0°, 0%, 93%
XYZ	79.2958, 83.2477, 90.4863
YIQ	235.2990, 0.5960, 0.2120

# Conversions

## Conversions Part 2

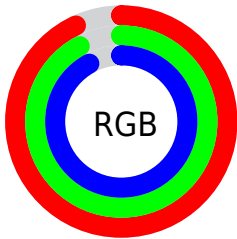
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	236, 235, 235
Decimal	15526891
CIE Lab	93.12, 0.34, 0.11
CIE LCh	93, 0.356, 17.680
Yxy	83.2477, 0.3134, 0.3290
Android (android.graphics.Color)	4293716971 (0xFFECEBEB)
YUV	235.2990, -0.1474, 0.6148
Hunter-Lab	91.2402, -4.5380, 5.0680

# Details

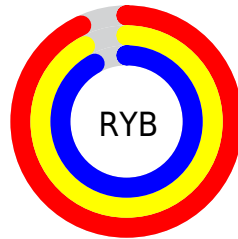
The Hex color **ECEBEB** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **EBECEC**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FFFFFF**, and **B4B3B3** is the 20% darker color. If you saturate the color by 10%, you get **ECD3D3**, and if you desaturate by 10%, it is **ECFFFF**.

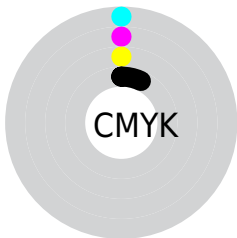
# Distribution



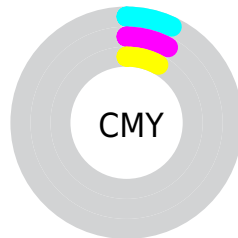
- Red (93%)
- Green (92%)
- Blue (92%)



- Red (93%)
- Yellow (92%)
- Blue (92%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (7%)
- Magenta (8%)
- Yellow (8%)

# Brightness & Saturation Gradients

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



 ECEBEB

FFFFFF

 ECEBEB

 D0CFCE

 B4B3B3

 999999

 807F7F

 676666

 4F4E4E

 383737

 222222

 0C0B0B

 ECEBEB

 ECEBEB

 ECD3D3

 ECFFFF

 ECBCBC

 ECA4A4

 EC8D8D

 EC7575

 EC5D5D

 EC4646

 EC2E2E

 EC1717

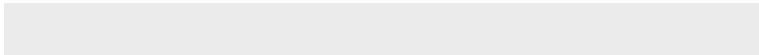
# Harmonies

# Triad

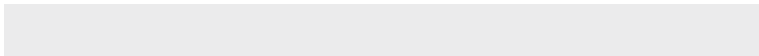
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



ECEBEB



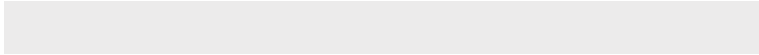
EBEBEB



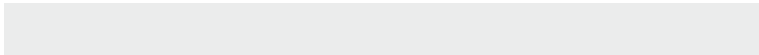
EBEBEC

# Complementary

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



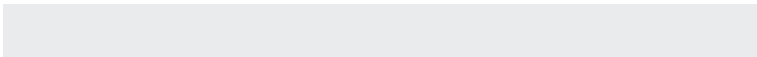
ECEBEB



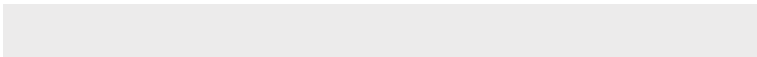
EBECEC

# Split Complementary

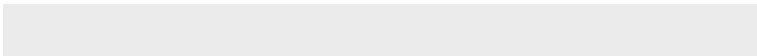
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EAEBEC



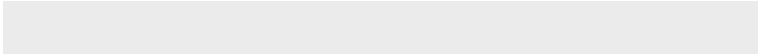
ECEBEB



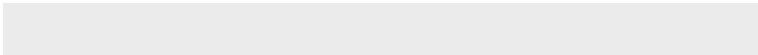
EBEBEB

# Square

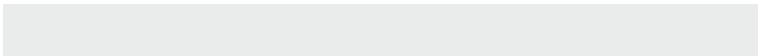
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



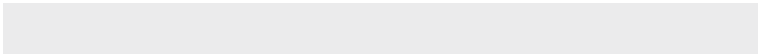
ECEBEB



EBEBEB



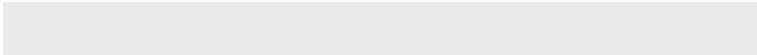
EAEBEB



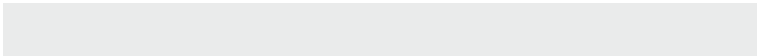
EBEBEC

# Rectangle

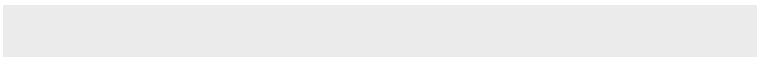
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ECEBEB



EAEBEB

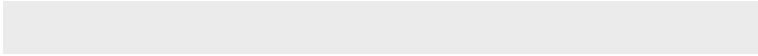


EBEBEC



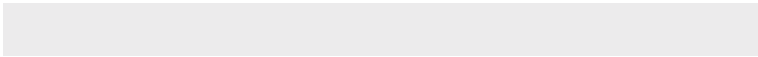
# Sweetspot

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



ECEBEB

FFFFFF



ECEBEC



808080



000000

# Same Dimension

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



ECEBEB



FFFCFC



757474



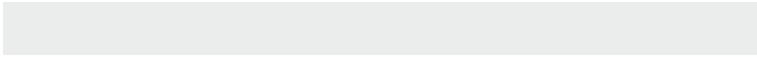
B50000



360000

# Inverse Universe

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



EBECEC



FCFFFF



EBEBEC



747575



00B5B5

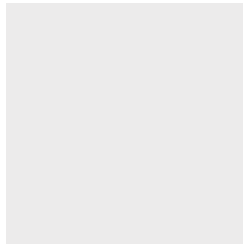


003636



# Previews

## White Background



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

## Color Contrast Check

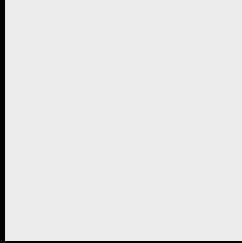
Large Text (above 18pt) WCAG AA × Fail

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 ECEBEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

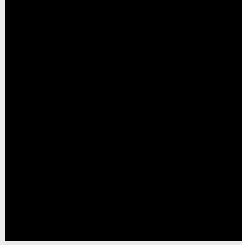
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

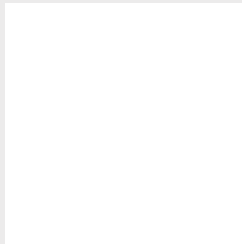
Any Text WCAG AAA ✓ Pass

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

## Hex ECEBEB Background



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



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

# 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

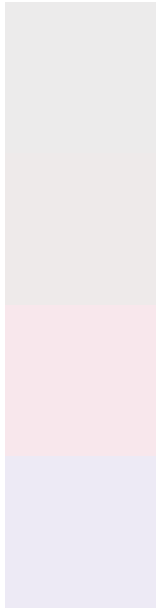






**Tritanopia**  
EEE9FB

# Trichromacy



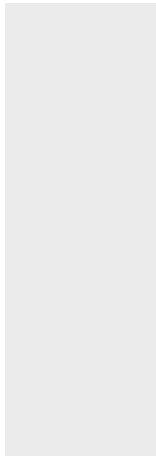
**Original Color**  
ECEBEB

**Protanomaly**  
EEEEEA

**Deuteranomaly**  
F8E7EC

**Tritanomaly**  
EDEAF5

# Monochromacy



**Original Color**  
ECEBEB

**Achromatopsia**  
EBEBEB

**Achromatomaly**  
EBEBEB

# CSS Examples

## Text

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

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

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 #ECEBEB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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