

# Converting Colors

RGB(255, 232, 235)

Have a look what the booklet for  
RGB(255, 232, 235) contains.

<b>RGB(255, 232, 235)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(255, 232, 235)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE8EB
RGB	255, 232, 235
RGB Percent	100%, 91%, 92%
CMY	0.0000, 0.0902, 0.0784
CMYK	0.00, 0.09, 0.08, 0.00
HSL	352°, 100%, 95%
HSV	352°, 9%, 100%
XYZ	85.0920, 84.9714, 90.5135
YIQ	239.2190, 12.7450, 5.8090

# Conversions

## Conversions Part 2

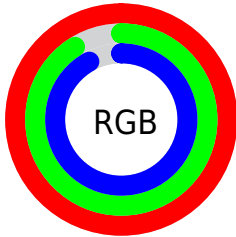
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 232, 235
Decimal	16771307
CIE Lab	93.87, 8.32, 1.38
CIE LCh	94, 8.429, 9.416
Yxy	84.9714, 0.3266, 0.3261
Android (android.graphics.Color)	4294961387 (0xFFFE8EB)
YUV	239.2190, -2.0800, 13.8399
Hunter-Lab	92.1799, 3.4599, 6.3078

# Details

The RGB color **255, 232, 235** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **232, 255, 252**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 176, 179** is the 20% darker color. If you saturate the color by 10%, you get **255, 207, 213**, and if you desaturate by 10%, it is 255, 255, 255.

# Distribution



Red (100%)

Green (91%)

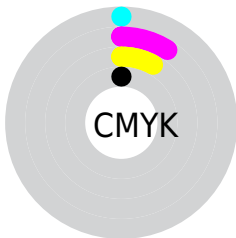
Blue (92%)



Red (100%)

Yellow (91%)

Blue (92%)



Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 255, 232, 235 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 RGB color 255, 232, 235 by changing the saturation by 10% instead.




 255, 232, 235

255, 255, 255

 255, 232, 235

 226, 204, 207

 198, 176, 179

 171, 150, 153

 144, 124, 127

 118, 99, 102

 94, 75, 78

 70, 52, 55

 47, 31, 34

 28, 8, 11

 255, 232, 235

 255, 232, 235

 255, 207, 213


255, 255, 255

 255, 181, 191

 255, 155, 168

 255, 130, 146

 255, 105, 124

 255, 79, 102

 255, 54, 80

 255, 28, 58

 255, 3, 35

# Harmonies

## Analogous

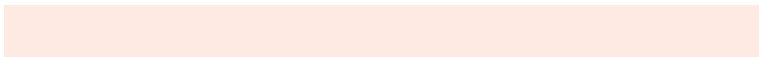
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



251, 233, 243



255, 232, 235



255, 233, 227

# Triad

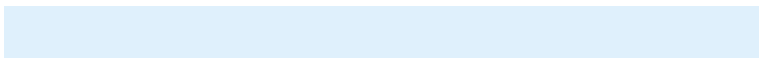
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 232, 235



232, 240, 225



223, 240, 252

# Complementary

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



255, 232, 235



232, 255, 252

# 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.



218, 242, 247



255, 232, 235



224, 242, 231

# Square

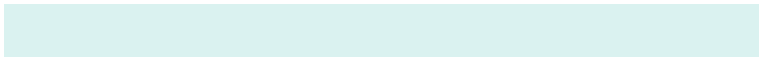
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 232, 235



242, 238, 221



218, 242, 240



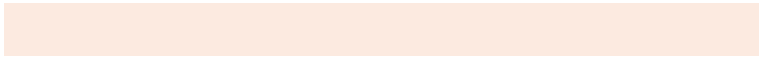
232, 237, 253

# Rectangle

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



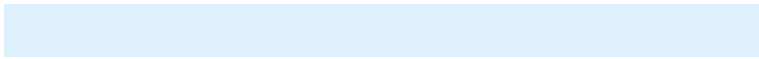
255, 232, 235



252, 234, 224



218, 242, 240



221, 240, 251



# Sweetspot

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



255, 232, 235



255, 247, 248



252, 232, 255



128, 122, 123



0, 0, 0



128, 128, 128



# Same Dimension

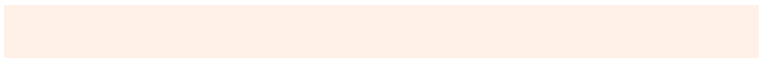
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 232, 235



255, 227, 231



255, 240, 232



128, 115, 116



191, 0, 25



64, 0, 8



# Inverse Universe

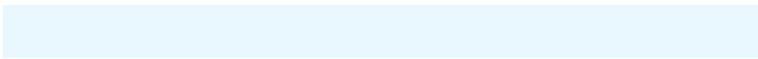
The Inverse Universe completely reimagines the original color for something new.



255, 232, 235



255, 227, 231



232, 247, 255



128, 115, 116



191, 0, 25

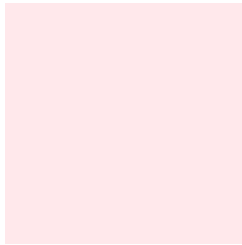


64, 0, 8



# Previews

## White Background



This preview shows how the RGB color 255, 232, 235 looks on a white background.

## Color Contrast Check

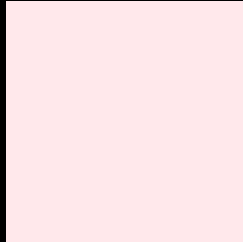
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RGB color 255, 232, 235 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

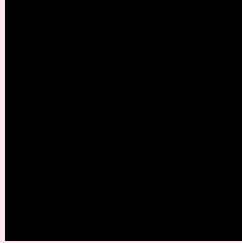
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

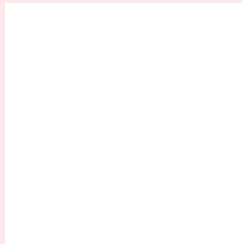
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 255, 232, 235 Background



This preview shows how black text looks on a background with the RGB color 255, 232, 235.

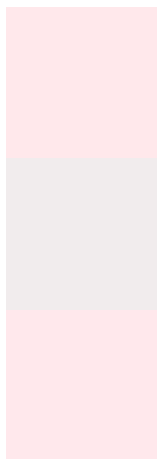


This preview shows how white text looks on a background with the RGB color 255, 232, 235.

# 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



**Original Color**  
255, 232, 235

**Protanopia**  
241, 236, 237

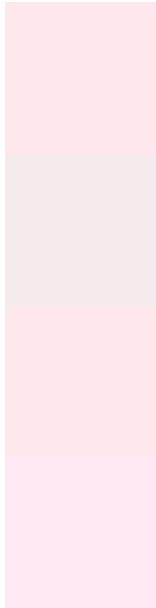
**Deuteranopia**  
255, 232, 236



# Tritanopia

255, 231, 247

# Trichromacy



## Original Color

255, 232, 235

## Protanomaly

246, 235, 236

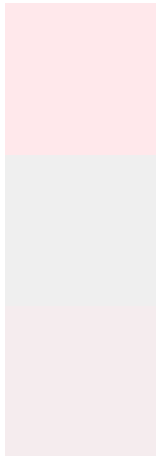
## Deuteranomaly

255, 232, 236

## Tritanomaly

255, 231, 243

# Monochromacy



## Original Color

255, 232, 235

## Achromatopsia

239, 239, 239

## Achromatomaly

245, 236, 238

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 255, 232, 235 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 `rgb(255, 232, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 235)  
}
```

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 rgb(255, 232, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 235) }
```

## Border

The CSS property to change the border of an element to RGB 255, 232, 235 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 rgb(255, 232, 235) }
```

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

```
.border{ border-color:rgb(255, 232, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
235) }
```

# Background

The CSS property to change the background color of an element to RGB 255, 232, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 235) }
```

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

```
.background{ background-color: rgb(255,  
232, 235) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor