

# Converting Colors

RGB(253, 237, 241)

Have a look what the booklet for  
RGB(253, 237, 241) contains.

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# Color

**RGB(253, 237, 241)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDEDF1
RGB	253, 237, 241
RGB Percent	99%, 93%, 95%
CMY	0.0078, 0.0706, 0.0549
CMYK	0.00, 0.06, 0.05, 0.01
HSL	345°, 80%, 96%
HSV	345°, 6%, 99%
XYZ	86.6694, 87.8019, 95.5986
YIQ	242.2400, 8.2520, 4.6360

# Conversions

## Conversions Part 2

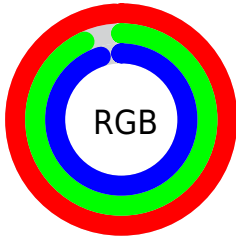
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	253, 237, 241
Decimal	16641521
CIE Lab	95.08, 6.07, 0.00
CIE LCh	95, 6.073, 0.017
Yxy	87.8019, 0.3209, 0.3251
Android (android.graphics.Color)	4294831601 (0xFFFD EDF1)
YUV	242.2400, -0.6113, 9.4365
Hunter-Lab	93.7027, 1.1222, 5.1022

# Details

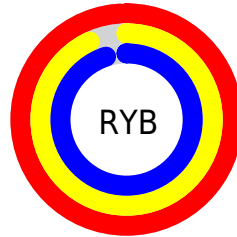
The RGB color **253, 237, 241** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **237, 253, 249**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is 255, 255, 255, and **196, 181, 185** is the 20% darker color. If you saturate the color by 10%, you get **253, 212, 222**, and if you desaturate by 10%, it is 253, 255, 255.

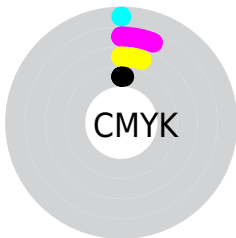
# Distribution



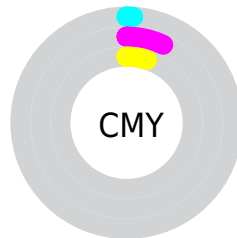
- Red (99%)
- Green (93%)
- Blue (95%)



- Red (99%)
- Yellow (93%)
- Blue (95%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (1%)



- Cyan (1%)
- Magenta (7%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 253, 237, 241 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 253, 237, 241 by changing the saturation by 10% instead.




 253, 237, 241

255, 255, 255

 253, 237, 241

 224, 209, 213


 196, 181, 185

 169, 154, 158

 143, 128, 132

 117, 103, 107

 92, 79, 83

 69, 56, 60

 46, 35, 38

 26, 13, 17

253, 237, 241

253, 237, 241

253, 212, 222

253, 255, 255

253, 186, 203

253, 161, 184

253, 136, 165

253, 111, 146

253, 85, 127

253, 60, 108

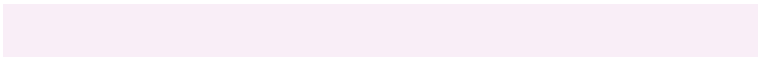
253, 35, 89

253, 9, 70

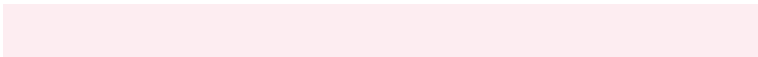
# Harmonies

## Analogous

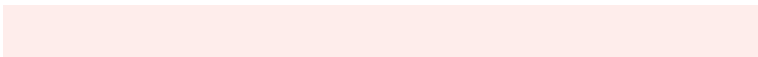
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249, 238, 247



253, 237, 241



254, 237, 235

# Triad

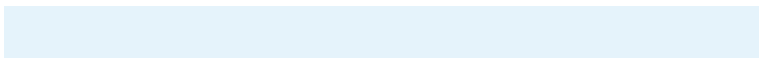
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



253, 237, 241



239, 242, 231



229, 243, 251

# Complementary

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



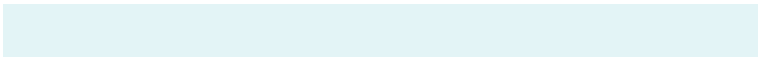
253, 237, 241



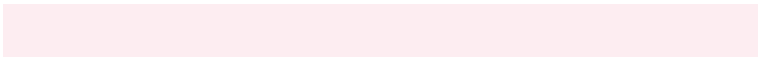
237, 253, 249

# Split Complementary

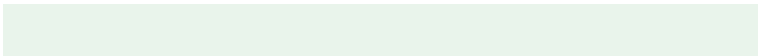
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227, 244, 246



253, 237, 241



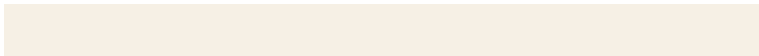
233, 244, 235

# Square

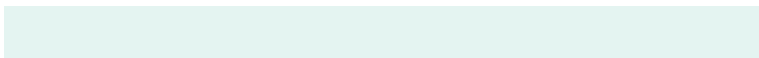
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



253, 237, 241



246, 240, 229



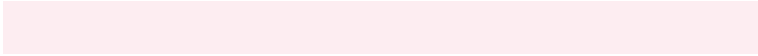
228, 244, 241



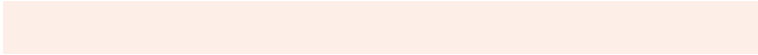
235, 241, 252

# Rectangle

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



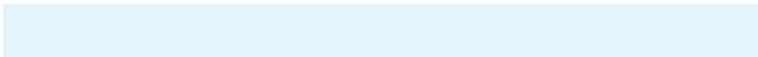
253, 237, 241



253, 238, 232



228, 244, 241



228, 244, 250



# Sweetspot

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



253, 237, 241



255, 250, 251



249, 237, 253



128, 125, 126



0, 0, 0



128, 128, 128



# Same Dimension

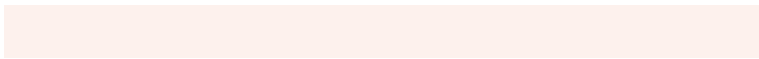
The Same Dimension uses a secret algorithm to generate beautiful new colors.



253, 237, 241



255, 235, 240



253, 241, 237



128, 115, 118



191, 0, 48



64, 0, 16



# Inverse Universe

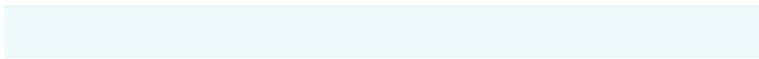
The Inverse Universe completely reimagines the original color for something new.



253, 237, 241



255, 235, 240



237, 249, 253



128, 115, 118



191, 0, 48

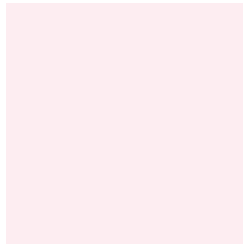


64, 0, 16



# Previews

## White Background



This preview shows how the RGB color 253, 237, 241 looks on a white background.

## Color Contrast Check

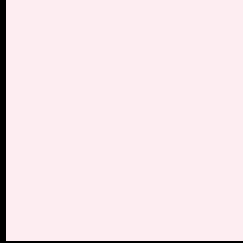
Large Text (above 18pt) WCAG AA × Fail

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 253, 237, 241 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

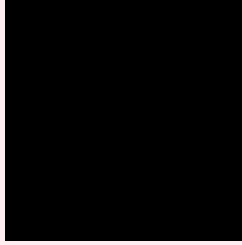
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

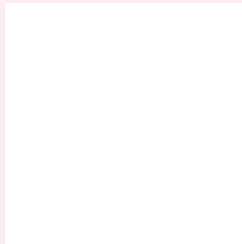
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 253, 237, 241 Background



This preview shows how black text looks on a background with the RGB color 253, 237, 241.

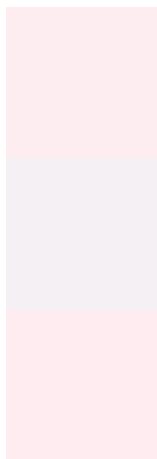


This preview shows how white text looks on a background with the RGB color 253, 237, 241.

# 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**  
253, 237, 241

**Protanopia**  
244, 240, 243

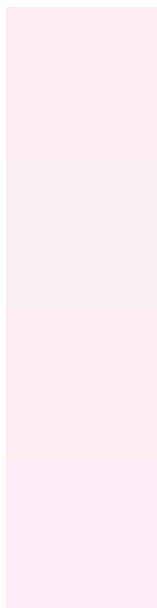
**Deuteranopia**  
255, 236, 241



# Tritanopia

255, 235, 254

# Trichromacy



## Original Color

253, 237, 241

## Protanomaly

247, 239, 242

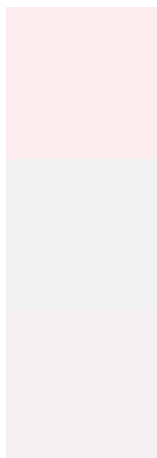
## Deuteranomaly

254, 236, 241

## Tritanomaly

254, 236, 249

# Monochromacy



## Original Color

253, 237, 241

## Achromatopsia

242, 242, 242

## Achromatomaly

246, 240, 242

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 253, 237, 241 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(253, 237, 241) looks like.

```
.text, #text, p{  
    color:rgb(253, 237, 241)  
}
```

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(253, 237, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 237, 241) }
```

## Border

The CSS property to change the border of an element to RGB 253, 237, 241 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(253, 237, 241) }
```

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

```
.border{ border-color:rgb(253, 237, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 237, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 237, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 237, 241);  
box-shadow:4px 4px 4px 4px rgb(253, 237,  
241) }
```

# Background

The CSS property to change the background color of an element to RGB 253, 237, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 237, 241) }
```

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

```
.background{ background-color: rgb(253,  
237, 241) }
```

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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