

# Converting Colors

RGB(253, 236, 240)

Have a look what the booklet for  
RGB(253, 236, 240) contains.

<b>RGB(253, 236, 240)</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(253, 236, 240)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FDECF0
RGB	253, 236, 240
RGB Percent	99%, 93%, 94%
CMY	0.0078, 0.0745, 0.0588
CMYK	0.00, 0.07, 0.05, 0.01
HSL	346°, 81%, 96%
HSV	346°, 7%, 99%
XYZ	86.2316, 87.1648, 94.7177
YIQ	241.5390, 8.8480, 4.8480

# Conversions

## Conversions Part 2

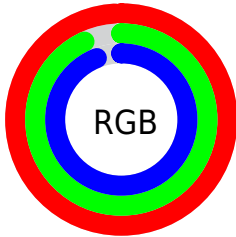
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	253, 236, 240
Decimal	16641264
CIE <sub>Lab</sub>	94.81, 6.42, 0.13
CIE <sub>LCh</sub>	95, 6.418, 1.139
Y <sub>xy</sub>	87.1648, 0.3216, 0.3251
Android (android.graphics.Color)	4294831344 (0xFFFDECF0)
YUV	241.5390, -0.7587, 10.0513
Hunter-Lab	93.3621, 1.4835, 5.2026

# Details

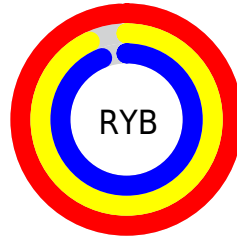
The RGB color **253, 236, 240** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **236, 253, 249**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is 255, 255, 255, and **196, 180, 184** is the 20% darker color. If you saturate the color by 10%, you get **253, 211, 221**, and if you desaturate by 10%, it is 253, 255, 255.

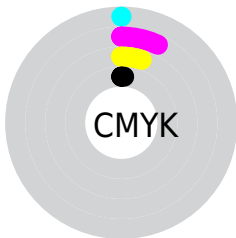
# Distribution



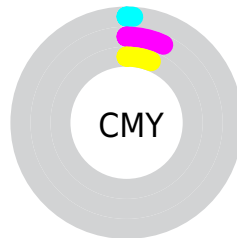
- Red (99%)
- Green (93%)
- Blue (94%)



- Red (99%)
- Yellow (93%)
- Blue (94%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (1%)



- Cyan (1%)
- Magenta (7%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 253, 236, 240 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, 236, 240 by changing the saturation by 10% instead.



 253, 236, 240

255, 255, 255

 253, 236, 240

 224, 208, 212

 196, 180, 184

 169, 153, 157

 143, 127, 131

 117, 102, 106

 92, 78, 82

 69, 56, 59

 46, 34, 37

 26, 12, 16

 253, 236, 240

 253, 236, 240

 253, 211, 221


253, 255, 255


 253, 185, 201

 253, 160, 182

 253, 135, 163

 253, 110, 143

 253, 84, 124

 253, 59, 105

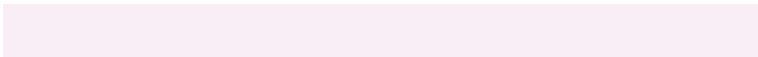
 253, 34, 85

 253, 8, 66

# Harmonies

## Analogous

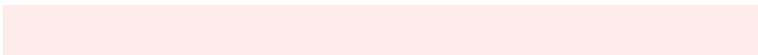
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249, 237, 246



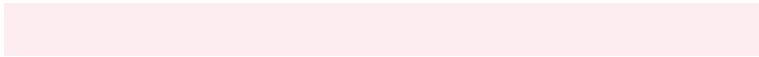
253, 236, 240



254, 236, 234

# Triad

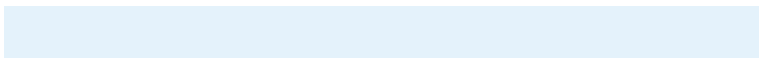
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



253, 236, 240



238, 242, 229



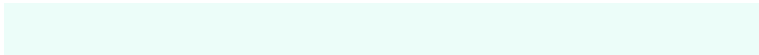
228, 242, 251

# Complementary

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



253, 236, 240



236, 253, 249

# Split Complementary

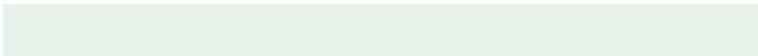
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225, 244, 246



253, 236, 240



231, 243, 234

# Square

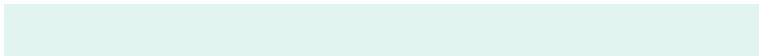
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



253, 236, 240



245, 240, 228



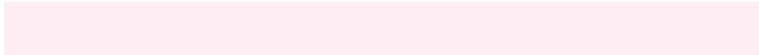
226, 244, 240



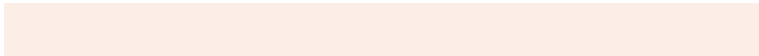
234, 240, 252

# Rectangle

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



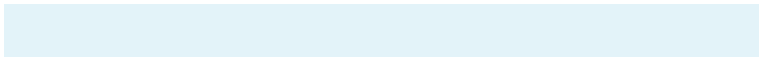
253, 236, 240



252, 237, 231



226, 244, 240



227, 243, 249



# Sweetspot

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



253, 236, 240



255, 250, 251



249, 236, 253



128, 125, 126



0, 0, 0



128, 128, 128



# Same Dimension

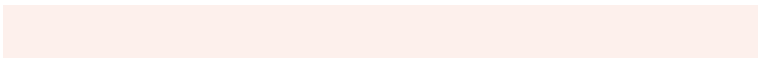
The Same Dimension uses a secret algorithm to generate beautiful new colors.



253, 236, 240



255, 235, 239



253, 240, 236



128, 115, 118



191, 0, 45

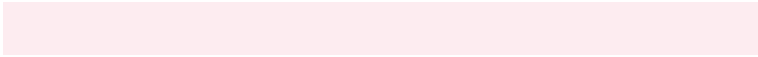


64, 0, 15



# Inverse Universe

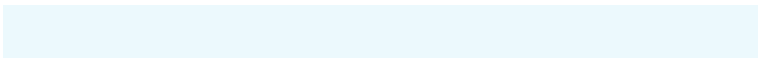
The Inverse Universe completely reimagines the original color for something new.



253, 236, 240



255, 235, 239



236, 249, 253



128, 115, 118



191, 0, 45

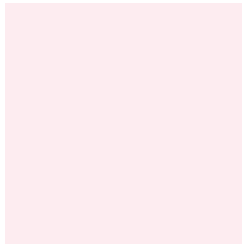


64, 0, 15



# Previews

## White Background



This preview shows how the RGB color 253, 236, 240 looks on a white background.

## Color Contrast Check

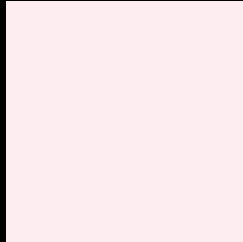
Large Text (above 18pt) WCAG AA × Fail

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, 236, 240 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

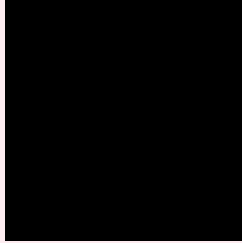
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 253, 236, 240 Background



This preview shows how black text looks on a background with the RGB color 253, 236, 240.

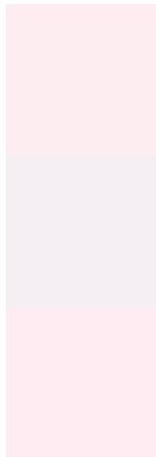


This preview shows how white text looks on a background with the RGB color 253, 236, 240.

# 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, 236, 240

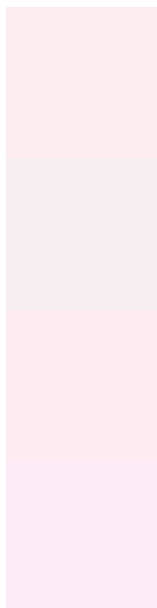
**Protanopia**  
244, 239, 242

**Deuteranopia**  
255, 235, 241



**Tritanopia**  
255, 234, 252

# Trichromacy



## Original Color

253, 236, 240

## Protanomaly

247, 238, 241

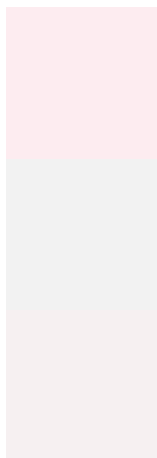
## Deuteranomaly

254, 235, 241

## Tritanomaly

254, 235, 248

# Monochromacy



## Original Color

253, 236, 240

## Achromatopsia

242, 242, 242

## Achromatomaly

246, 240, 241

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 253, 236, 240 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, 236, 240) looks like.

```
.text, #text, p{  
    color:rgb(253, 236, 240)  
}
```

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, 236, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 236, 240) }
```

## Border

The CSS property to change the border of an element to RGB 253, 236, 240 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, 236, 240) }
```

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

```
.border{ border-color:rgb(253, 236, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 236, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 236, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 236, 240);  
box-shadow:4px 4px 4px 4px rgb(253, 236,  
240) }
```

# Background

The CSS property to change the background color of an element to RGB 253, 236, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 236, 240) }
```

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

```
.background{ background-color: rgb(253,  
236, 240) }
```

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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