

# Converting Colors

RGB(244, 222, 233)

Have a look what the booklet for  
RGB(244, 222, 233) contains.

<b>RGB(244, 222, 233)</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(244, 222, 233)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4DEE9
RGB	244, 222, 233
RGB Percent	96%, 87%, 91%
CMY	0.0431, 0.1294, 0.0863
CMYK	0.00, 0.09, 0.05, 0.04
HSL	330°, 50%, 91%
HSV	330°, 9%, 96%
XYZ	78.1375, 77.3588, 87.9043
YIQ	229.8320, 9.5810, 8.0850

# Conversions

## Conversions Part 2

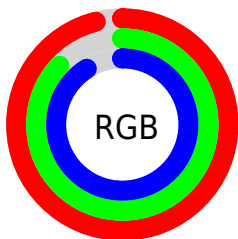
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 222, 233
Decimal	16047849
CIE Lab	90.49, 9.40, -2.63
CIE LCh	90, 9.761, 344.361
Yxy	77.3588, 0.3210, 0.3178
Android (android.graphics.Color)	4294237929 (0xFFFF4DEE9)
YUV	229.8320, 1.5618, 12.4253
Hunter-Lab	87.9539, 4.6586, 2.3112

# Details

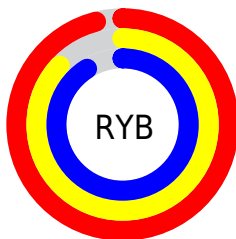
The RGB color **244, 222, 233** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **222, 244, 233**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **188, 167, 177** is the 20% darker color. If you saturate the color by 10%, you get **244, 198, 221**, and if you desaturate by 10%, it is **244, 246, 245**.

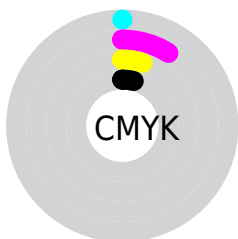
# Distribution



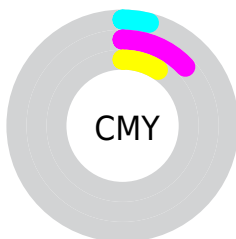
- Red (96%)
- Green (87%)
- Blue (91%)



- Red (96%)
- Yellow (87%)
- Blue (91%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (4%)



- Cyan (4%)
- Magenta (13%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 244, 222, 233 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 244, 222, 233 by changing the saturation by 10% instead.




 244, 222, 233


255, 255, 255

 244, 222, 233

 216, 194, 205


 188, 167, 177

 161, 140, 151

 134, 115, 125

 109, 90, 100

 85, 67, 76

 61, 45, 53

 39, 24, 32

 20, 0, 9

244, 222, 233

244, 222, 233

244, 198, 221

244, 246, 245

244, 173, 209

244, 255, 255

244, 149, 196

244, 124, 184

244, 100, 172

244, 76, 160

244, 51, 148

244, 27, 135

244, 2, 123

# Harmonies

## Analogous

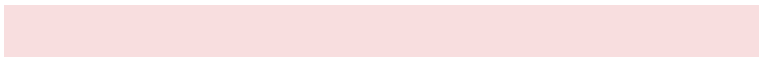
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235, 224, 241



244, 222, 233



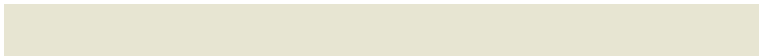
248, 222, 223

# Triad

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



244, 222, 233



231, 229, 210



206, 232, 240

# Complementary

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



244, 222, 233



222, 244, 233

# Split Complementary

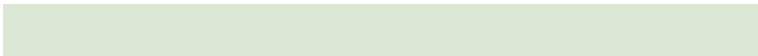
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



205, 233, 232



244, 222, 233



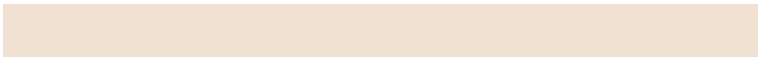
220, 231, 214

# Square

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



244, 222, 233



241, 225, 210



211, 233, 222



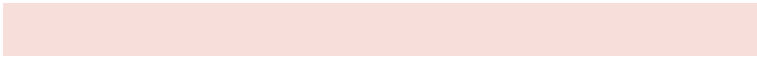
213, 230, 245

# Rectangle

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



244, 222, 233



248, 222, 218



211, 233, 222



205, 233, 238



# Sweetspot

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



244, 222, 233



255, 247, 251



233, 222, 244



128, 122, 125



0, 0, 0



128, 128, 128



# Same Dimension

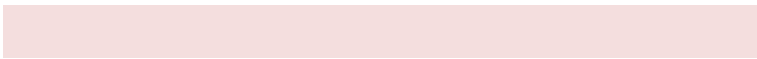
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244, 222, 233



255, 227, 241



244, 222, 222



122, 110, 116



186, 0, 93



59, 0, 29



# Inverse Universe

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



244, 222, 233



255, 227, 241



222, 244, 244



122, 110, 116



186, 0, 93

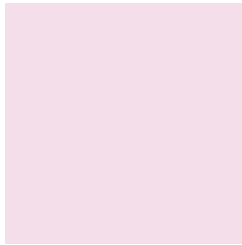


59, 0, 29



# Previews

## White Background



This preview shows how the RGB color 244, 222, 233 looks on a white background.

## Color Contrast Check

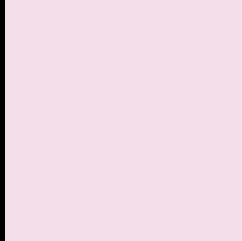
Large Text (above 18pt) WCAG AA × Fail

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 244, 222, 233 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

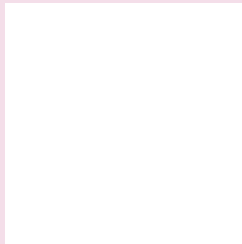
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 244, 222, 233 Background



This preview shows how black text looks on a background with the RGB color 244, 222, 233.

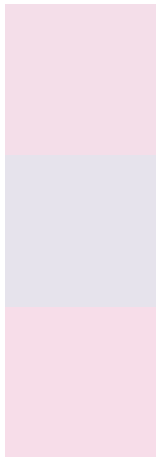


This preview shows how white text looks on a background with the RGB color 244, 222, 233.

# 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**  
244, 222, 233

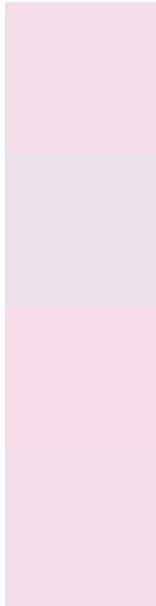
**Protanopia**  
230, 227, 236

**Deuteranopia**  
247, 221, 233



**Tritanopia**  
245, 221, 238

# Trichromacy



**Original Color**

244, 222, 233

**Protanomaly**

235, 225, 235

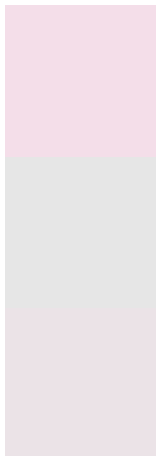
**Deuteranomaly**

246, 221, 233

**Tritanomaly**

245, 221, 236

# Monochromacy



**Original Color**

244, 222, 233

**Achromatopsia**

230, 230, 230

**Achromatomaly**

235, 227, 231

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 244, 222, 233 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(244, 222, 233) looks like.

```
.text, #text, p{  
    color:rgb(244, 222, 233)  
}
```

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(244, 222, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 222, 233) }
```

## Border

The CSS property to change the border of an element to RGB 244, 222, 233 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(244, 222, 233) }
```

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

```
.border{ border-color:rgb(244, 222, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 222, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 222, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 222, 233); box-shadow:4px 4px 4px 4px rgb(244, 222, 233) }
```

# Background

The CSS property to change the background color of an element to RGB 244, 222, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 222, 233) }
```

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

```
.background{ background-color: rgb(244,  
222, 233) }
```

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