

# Converting Colors

RGB(240, 209, 205)

Have a look what the booklet for  
RGB(240, 209, 205) contains.

<b>RGB(240, 209, 205)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**RGB(240, 209, 205)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0D1CD
RGB	240, 209, 205
RGB Percent	94%, 82%, 80%
CMY	0.0588, 0.1804, 0.1961
CMYK	0.00, 0.13, 0.15, 0.06
HSL	7°, 54%, 87%
HSV	7°, 15%, 94%
XYZ	69.7551, 68.5340, 67.3095
YIQ	217.8130, 19.7600, 5.3280

# Conversions

## Conversions Part 2

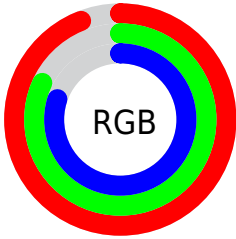
Format	Color
R <sub>Y</sub> B	240, 210, 205
Decimal	15782349
CIE Lab	86.27, 10.18, 5.96
CIE LCh	86, 11.792, 30.354
Yxy	68.5340, 0.3393, 0.3333
Android (android.graphics.Color)	4293972429 (0xFFF0D1CD)
YUV	217.8130, -6.3168, 19.4580
Hunter-Lab	82.7852, 5.5304, 9.7433

# Details

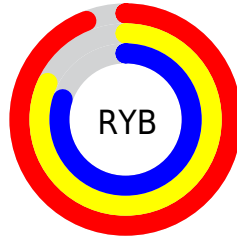
The RGB color **240, 209, 205** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **205, 236, 240**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is 255, 255, 255, and **184, 155, 151** is the 20% darker color. If you saturate the color by 10%, you get **240, 188, 181**, and if you desaturate by 10%, it is **240, 230, 229**.

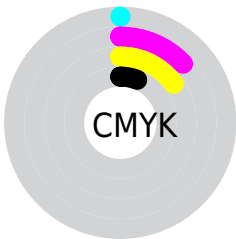
# Distribution



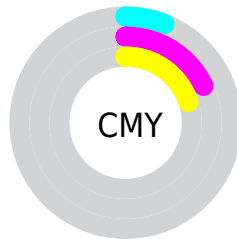
- Red (94%)
- Green (82%)
- Blue (80%)



- Red (94%)
- Yellow (82%)
- Blue (80%)



- Cyan (0%)
- Magenta (13%)
- Yellow (15%)
- Black (6%)



- Cyan (6%)
- Magenta (18%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 240, 209, 205 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 240, 209, 205 by changing the saturation by 10% instead.




 240, 209, 205


255, 255, 255

 240, 209, 205

 212, 181, 178

 184, 155, 151

 157, 129, 125

 130, 103, 100

 105, 79, 76

 80, 56, 54


 57, 35, 32

 35, 14, 9


 0, 0, 0

 240, 209, 205


 240, 209, 205

 240, 188, 181


 240, 230, 229


 240, 166, 157

 240, 252, 253

 240, 145, 133

 240, 255, 255

 240, 124, 109

 240, 103, 85

 240, 81, 61

 240, 60, 37

 240, 39, 13

 240, 27, 0

# Harmonies

## Analogous

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



239, 208, 216



240, 209, 205



235, 212, 197

# Triad

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



240, 209, 205



200, 221, 204



204, 217, 238

# Complementary

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



240, 209, 205



205, 236, 240

# 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.



193, 220, 235



240, 209, 205



191, 223, 216

# Square

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



240, 209, 205



212, 219, 196



188, 222, 227



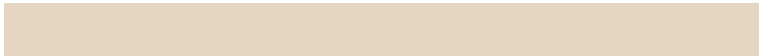
218, 213, 235

# Rectangle

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



240, 209, 205



229, 214, 194



188, 222, 227



200, 218, 238

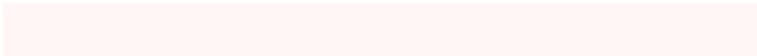


# Sweetspot

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



240, 209, 205



255, 246, 245



240, 205, 236



128, 122, 121



0, 0, 0



128, 128, 128

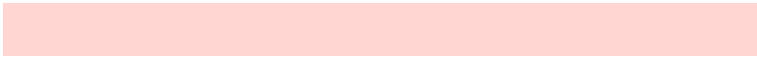


# Same Dimension

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



240, 209, 205



255, 214, 209



240, 226, 205



120, 109, 108



184, 21, 0



56, 6, 0

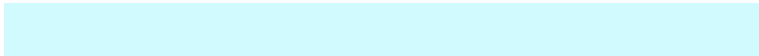


# Inverse Universe

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



205, 236, 240



209, 250, 255



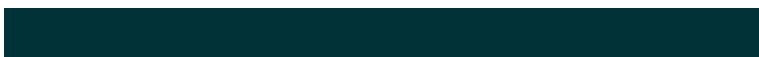
205, 219, 240



108, 118, 120



0, 163, 184

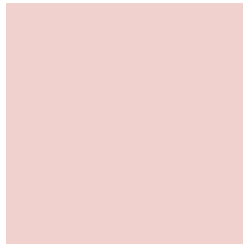


0, 50, 56



# Previews

## White Background



This preview shows how the RGB color 240, 209, 205 looks on a white background.

## Color Contrast Check

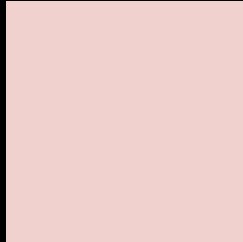
Large Text (above 18pt) WCAG AA × Fail

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 240, 209, 205 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

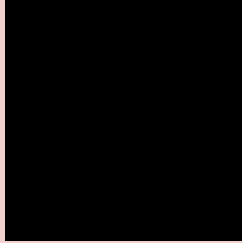
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 240, 209, 205 Background



This preview shows how black text looks on a background with the RGB color 240, 209, 205.

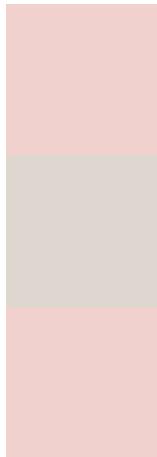


This preview shows how white text looks on a background with the RGB color 240, 209, 205.

# 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**  
240, 209, 205

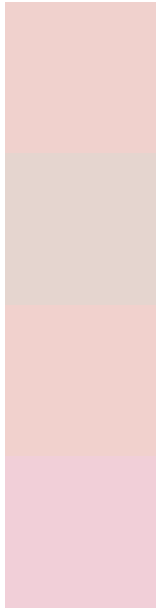
**Protanopia**  
222, 215, 208

**Deuteranopia**  
241, 209, 205



**Tritanopia**  
242, 206, 222

# Trichromacy



**Original Color**

240, 209, 205

**Protanomaly**

229, 213, 207

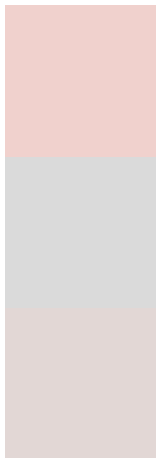
**Deuteranomaly**

241, 209, 205

**Tritanomaly**

241, 207, 216

# Monochromacy



**Original Color**

240, 209, 205

**Achromatopsia**

218, 218, 218

**Achromatomaly**

226, 215, 213

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 240, 209, 205 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(240, 209, 205)` looks like.

```
.text, #text, p{  
    color:rgb(240, 209, 205)  
}
```

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(240, 209, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 209, 205) }
```

## Border

The CSS property to change the border of an element to RGB 240, 209, 205 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(240, 209, 205) }
```

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

```
.border{ border-color:rgb(240, 209, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 209, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 209, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 209, 205);  
box-shadow:4px 4px 4px 4px rgb(240, 209,  
205) }
```

# Background

The CSS property to change the background color of an element to RGB 240, 209, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 209, 205) }
```

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

```
.background{ background-color: rgb(240,  
209, 205) }
```

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