

Converting Colors

RGB(240, 214, 203)

Have a look what the booklet for
RGB(240, 214, 203) contains.

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Color

RGB(240, 214, 203)

Conversions

Conversions Part 1

Format	Color
Hex	F0D6CB
RGB	240, 214, 203
RGB Percent	94%, 84%, 80%
CMY	0.0588, 0.1608, 0.2039
CMYK	0.00, 0.11, 0.15, 0.06
HSL	18°, 55%, 87%
HSV	18°, 15%, 94%
XYZ	70.7612, 70.9302, 66.4613
YIQ	220.5200, 19.0270, 2.0910

Conversions

Conversions Part 2

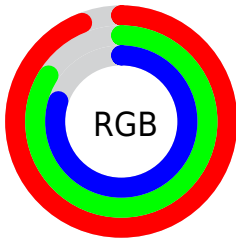
Format	Color
R _Y B	240, 219, 203
Decimal	15783627
CIE Lab	87.45, 7.25, 8.71
CIE LCh	87, 11.335, 50.207
Yxy	70.9302, 0.3399, 0.3408
Android (android.graphics.Color)	4293973707 (0xFFFF0D6CB)
YUV	220.5200, -8.6374, 17.0840
Hunter-Lab	84.2201, 2.5896, 12.1660

Details

The RGB color **240, 214, 203** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **203, 229, 240**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is 255, 255, 255, and **184, 159, 149** is the 20% darker color. If you saturate the color by 10%, you get **240, 197, 179**, and if you desaturate by 10%, it is **240, 231, 227**.

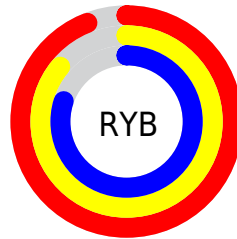
Distribution



Red (94%)

Green (84%)

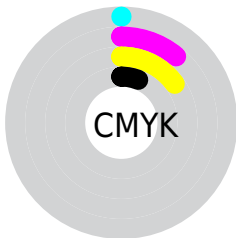
Blue (80%)



Red (94%)

Yellow (86%)

Blue (80%)

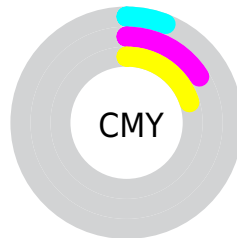


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (6%)



Cyan (6%)

Magenta (16%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RGB color 240, 214, 203 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, 214, 203 by changing the saturation by 10% instead.

 240, 214, 203


255, 255, 255

 240, 214, 203

 212, 186, 176

 184, 159, 149

 157, 133, 123

 130, 108, 98

 105, 84, 74

 80, 61, 52


 57, 39, 31

 35, 18, 6


 0, 0, 0

 240, 214, 203


 240, 214, 203

 240, 197, 179


 240, 231, 227


 240, 180, 155


 240, 248, 251

 240, 163, 131

 240, 255, 255

 240, 147, 107

 240, 130, 83

 240, 113, 59

 240, 96, 35

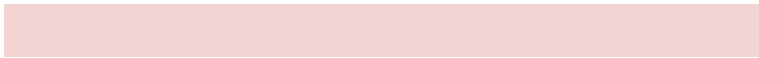
 240, 79, 11

 240, 71, 0

Harmonies

Analogous

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



243, 212, 212



240, 214, 203



232, 217, 198

Triad

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



240, 214, 203



198, 225, 215



217, 218, 239

Complementary

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



240, 214, 203



203, 229, 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.



204, 221, 240



240, 214, 203



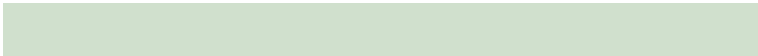
193, 226, 226

Square

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



240, 214, 203



208, 224, 205



195, 224, 235



230, 214, 233

Rectangle

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



240, 214, 203



224, 220, 198



195, 224, 235



213, 219, 240

Sweetspot

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



240, 214, 203



255, 246, 242



240, 203, 230



128, 122, 120



0, 0, 0



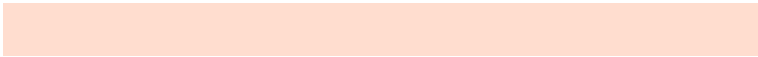
128, 128, 128

Same Dimension

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



240, 214, 203



255, 221, 207



240, 232, 203



120, 111, 108



184, 55, 0



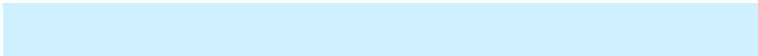
56, 17, 0

Inverse Universe

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



203, 229, 240



207, 241, 255



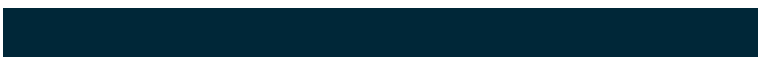
203, 211, 240



108, 116, 120



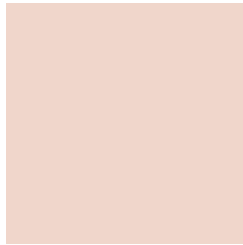
0, 129, 184



0, 39, 56

Previews

White Background



This preview shows how the RGB color 240, 214, 203 looks on a white background.

Color Contrast Check

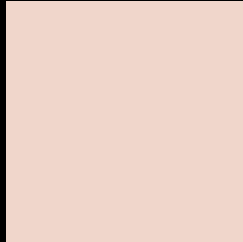
Large Text (above 18pt) WCAG AA × Fail

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, 214, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

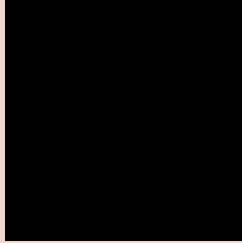
Any Text WCAG AA ✓ Pass

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, 214, 203 Background



This preview shows how black text looks on a background with the RGB color 240, 214, 203.


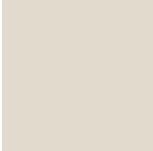



This preview shows how white text looks on a background with the RGB color 240, 214, 203.

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, 214, 203
	Protanopia 226, 218, 205
	Deuteranopia 246, 212, 203



Tritanopia
243, 210, 227

Trichromacy



Original Color

240, 214, 203

Protanomaly

231, 217, 204

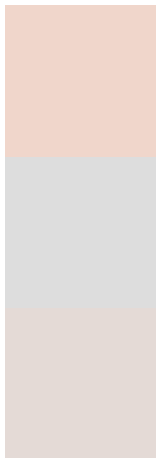
Deuteranomaly

244, 213, 203

Tritanomaly

242, 211, 218

Monochromacy



Original Color

240, 214, 203

Achromatopsia

221, 221, 221

Achromatomaly

228, 218, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 214, 203 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, 214, 203) looks like.

```
.text, #text, p{  
    color:rgb(240, 214, 203)  
}
```

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, 214, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 214, 203) }
```

Border

The CSS property to change the border of an element to RGB 240, 214, 203 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, 214, 203) }
```

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

```
.border{ border-color:rgb(240, 214, 203) }
```

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

Here you see how a box with a 4 pixel rgb(240, 214, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 214, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 214, 203);  
box-shadow:4px 4px 4px 4px rgb(240, 214,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 240, 214, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 214, 203) }
```

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

```
.background{ background-color: rgb(240,  
214, 203) }
```

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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