

Converting Colors

RGB(253, 201, 167)

Have a look what the booklet for
RGB(253, 201, 167) contains.

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Color

RGB(253, 201, 167)

Conversions

Conversions Part 1

Format	Color
Hex	FDC9A7
RGB	253, 201, 167
RGB Percent	99%, 79%, 65%
CMY	0.0078, 0.2118, 0.3451
CMYK	0.00, 0.21, 0.34, 0.01
HSL	24°, 96%, 82%
HSV	24°, 34%, 99%
XYZ	68.3697, 65.4460, 45.5881
YIQ	212.6720, 41.9060, 0.4500

Conversions

Conversions Part 2

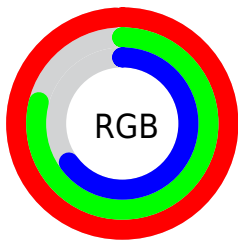
Format	Color
R _Y B	253, 223, 167
Decimal	16632231
CIE Lab	84.71, 13.89, 24.02
CIE LCh	85, 27.750, 59.958
Yxy	65.4460, 0.3811, 0.3648
Android (android.graphics.Color)	4294822311 (0xFFFDC9A7)
YUV	212.6720, -22.5163, 35.3677
Hunter-Lab	80.8987, 9.2826, 23.2179

Details

The RGB color **253, 201, 167** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **167, 219, 253**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **255, 255, 222**, and **195, 147, 115** is the 20% darker color. If you saturate the color by 10%, you get **253, 186, 142**, and if you desaturate by 10%, it is **253, 216, 192**.

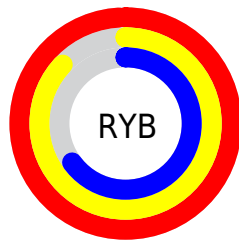
Distribution



Red (99%)

Green (79%)

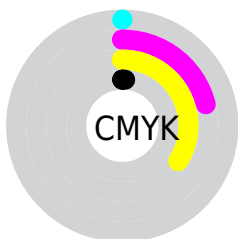
Blue (65%)



Red (99%)

Yellow (87%)

Blue (65%)

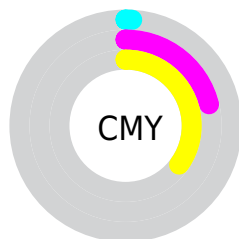


Cyan (0%)

Magenta (21%)

Yellow (34%)

Black (1%)



Cyan (1%)

Magenta (21%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 201, 167 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, 201, 167 by changing the saturation by 10% instead.


 253, 201, 167

255, 255, 255

 255, 255, 222

 255, 255, 251

 253, 201, 167

 224, 174, 140

 195, 147, 115

 167, 121, 90

 139, 96, 66

 113, 72, 44

 87, 50, 22

 62, 28, 0

 38, 6, 0

 0, 0, 0

■ 253, 201, 167

■ 253, 201, 167

■ 253, 186, 142

■ 253, 216, 192

■ 253, 170, 116

■ 253, 232, 218

■ 253, 155, 91

■ 253, 247, 243

■ 253, 140, 66

253, 255, 255

■ 253, 125, 40

■ 253, 109, 15

■ 253, 100, 0

Harmonies

Analogous

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



255, 194, 187



253, 201, 167



231, 210, 159

Triad

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



253, 201, 167



147, 226, 210



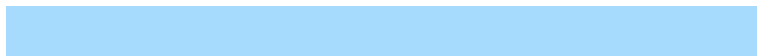
216, 205, 255

Complementary

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



253, 201, 167



167, 219, 253

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.



180, 214, 255



253, 201, 167



136, 226, 237

Square

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



253, 201, 167



173, 224, 184



148, 221, 255



245, 197, 238

Rectangle

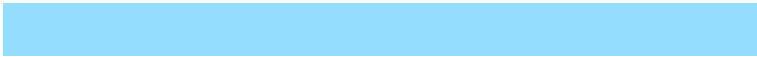
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



253, 201, 167



213, 215, 162



148, 221, 255



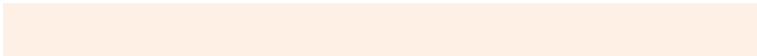
204, 208, 255

Sweetspot

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



253, 201, 167



255, 240, 230



253, 167, 220



128, 118, 112



0, 0, 0



128, 128, 128

Same Dimension

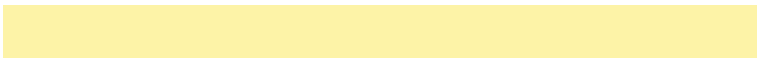
The Same Dimension uses a secret algorithm to generate beautiful new colors.



253, 201, 167



255, 192, 150



253, 243, 167



128, 120, 115



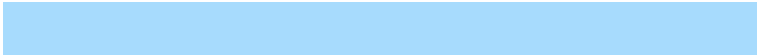
191, 76, 0



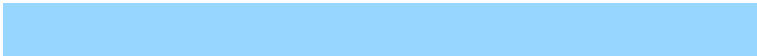
64, 25, 0

Inverse Universe

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



167, 219, 253



150, 214, 255



167, 177, 253



115, 122, 128



0, 116, 191



0, 39, 64

Previews

White Background



This preview shows how the RGB color 253, 201, 167 looks on a white background.

Color Contrast Check

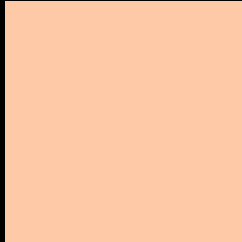
Large Text (above 18pt) WCAG AA × Fail

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, 201, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

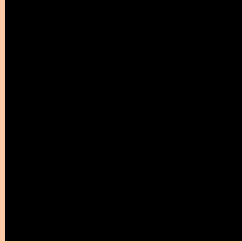
Any Text WCAG AA ✓ Pass

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, 201, 167 Background



This preview shows how black text looks on a background with the RGB color 253, 201, 167.



This preview shows how white text looks on a background with the RGB color 253, 201, 167.

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, 201, 167

Protanopia
224, 211, 172

Deuteranopia
247, 203, 167



Tritanopia
255, 196, 210

Trichromacy



Original Color

253, 201, 167

Protanomaly

235, 207, 170

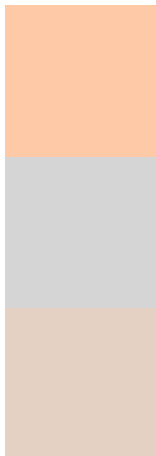
Deuteranomaly

249, 202, 167

Tritanomaly

254, 198, 194

Monochromacy



Original Color

253, 201, 167

Achromatopsia

213, 213, 213

Achromatomaly

228, 209, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 201, 167 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, 201, 167)` looks like.

```
.text, #text, p{  
    color:rgb(253, 201, 167)  
}
```

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, 201, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 201, 167) }
```

Border

The CSS property to change the border of an element to RGB 253, 201, 167 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, 201, 167) }
```

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

```
.border{ border-color:rgb(253, 201, 167) }
```

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

Here you see how a box with a 4 pixel rgb(253, 201, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 201, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 201, 167);  
box-shadow:4px 4px 4px 4px rgb(253, 201,  
167) }
```

Background

The CSS property to change the background color of an element to RGB 253, 201, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 201, 167) }
```

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

```
.background{ background-color: rgb(253,  
201, 167) }
```

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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