

Converting Colors

`RYB(254, 204, 186)`

Have a look what the booklet for
RYB(254, 204, 186) contains.

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Color

R_YB(254, 204, 186)

Conversions

Conversions Part 1

Format	Color
Hex	FEC8BA
RGB	254, 200, 186
RGB Percent	100%, 78%, 73%
CMY	0.0039, 0.2148, 0.2706
CMYK	0.00, 0.21, 0.27, 0.00
HSL	13°, 97%, 86%
HSV	13°, 27%, 100%
XYZ	70.4442, 66.0324, 55.4871
YIQ	214.5500, 36.6780, 7.0940

Conversions

Conversions Part 2

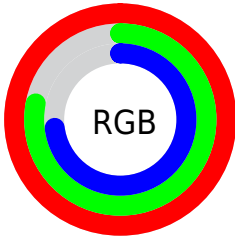
Format	Color
R _Y B	254, 204, 186
Decimal	16697530
CIE Lab	85.01, 17.09, 14.41
CIE LCh	85, 22.351, 40.144
Yxy	66.0324, 0.3670, 0.3440
Android (android.graphics.Color)	4294887610 (0xFFFE C8BA)
YUV	214.5500, -14.0752, 34.5976
Hunter-Lab	81.2603, 12.5353, 16.3971

Details

The RYB color **254, 204, 186** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **186, 216, 254**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **242, 255, 242**, and **196, 149, 133** is the 20% darker color. If you saturate the color by 10%, you get **254, 185, 161**, and if you desaturate by 10%, it is **254, 222, 211**.

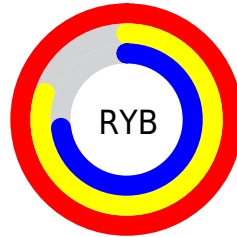
Distribution



Red (100%)

Green (78%)

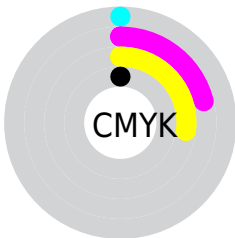
Blue (73%)



Red (100%)

Yellow (80%)

Blue (73%)

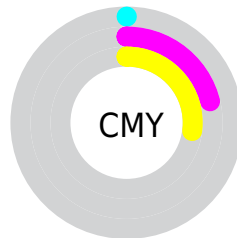


Cyan (0%)

Magenta (21%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 254, 204, 186 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 RYB color 254, 204, 186 by changing the saturation by 10% instead.


 254, 204, 186

255, 255, 255


 242, 255, 242

 254, 204, 186

 225, 177, 159


 196, 149, 133

 168, 123, 108

 141, 98, 83

 115, 74, 60

 89, 52, 38

 64, 29, 18

 41, 4, 0

 0, 0, 0

■ 254, 204, 186

■ 254, 204, 186

■ 254, 185, 161

■ 254, 222, 211

■ 254, 167, 135

■ 254, 241, 237

■ 254, 148, 110

254, 255, 255

■ 254, 130, 84

■ 254, 111, 59

■ 254, 92, 34

■ 254, 74, 8

■ 254, 67, 0

Harmonies

Analogous

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



255, 197, 206



254, 204, 186



241, 237, 173

Triad

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



254, 204, 186



174, 207, 223



198, 209, 254

Complementary

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



254, 204, 186



186, 216, 254

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.



171, 201, 251



254, 204, 186



158, 193, 225

Square

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



254, 204, 186



180, 219, 202



156, 193, 239



225, 205, 245

Rectangle

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



254, 204, 186



196, 229, 170



156, 193, 239



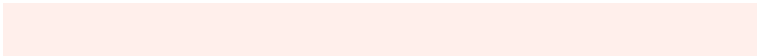
188, 207, 254

Sweetspot

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



254, 204, 186



255, 240, 235



254, 186, 240



128, 117, 115



0, 0, 0



128, 128, 128

Same Dimension

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



254, 204, 186



255, 194, 173



214, 254, 186



128, 117, 115



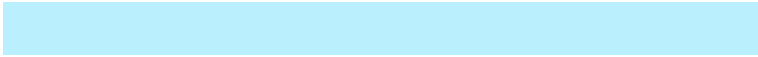
191, 51, 0



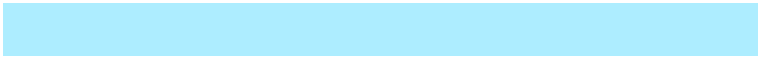
64, 16, 0

Inverse Universe

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



186, 216, 254



173, 209, 255



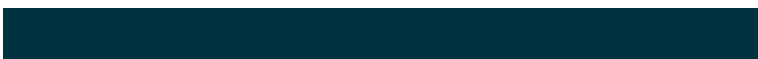
186, 201, 254



115, 121, 128



0, 84, 191



0, 28, 64

Previews

White Background



This preview shows how the RYB color 254, 204, 186 looks on a white background.

Color Contrast Check

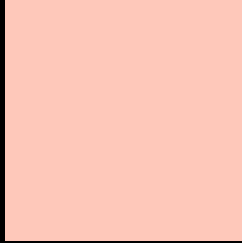
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 254, 204, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

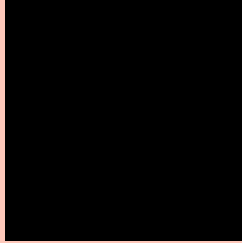
Any Text WCAG AA ✓ Pass

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](#).

R Y B 254, 204, 186 Background



This preview shows how black text looks on a background with the RYB color 254, 204, 186.



This preview shows how white text looks on a background with the RYB color 254, 204, 186.

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
254, 204, 186

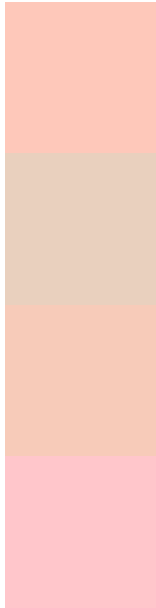
Protanopia
205, 221, 192

Deuteranopia
243, 216, 185



Tritanopia
255, 197, 212

Trichromacy



Original Color

254, 204, 186

Protanomaly

233, 221, 190

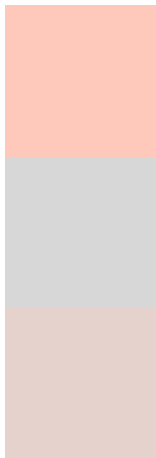
Deuteranomaly

247, 210, 185

Tritanomaly

255, 198, 203

Monochromacy



Original Color

254, 204, 186

Achromatopsia

215, 215, 215

Achromatomaly

229, 212, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 254, 204, 186 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(254, 200, 186) looks like.

```
.text, #text, p{  
    color:rgb(254, 200, 186)  
}
```

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(254, 200, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 200, 186) }
```

Border

The CSS property to change the border of an element to RYB 254, 204, 186 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(254, 200, 186) }
```

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

```
.border{ border-color:rgb(254, 200, 186) }
```

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

Here you see how a box with a 4 pixel rgb(254, 200, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 200, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 200, 186);  
box-shadow:4px 4px 4px 4px rgb(254, 200,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 254, 204, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 200, 186) }
```

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

```
.background{ background-color: rgb(254,  
200, 186) }
```

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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