

Converting Colors

`RYB(255, 207, 186)`

Have a look what the booklet for
RYB(255, 207, 186) contains.

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Color

`RYB(255, 207, 186)`

Conversions

Conversions Part 1

Format	Color
Hex	FFCABA
RGB	255, 202, 186
RGB Percent	100%, 79%, 73%
CMY	0.0000, 0.2075, 0.2706
CMYK	0.00, 0.21, 0.27, 0.00
HSL	14°, 100%, 86%
HSV	14°, 27%, 100%
XYZ	71.2469, 67.0932, 55.6495
YIQ	216.0230, 36.7240, 6.2600

Conversions

Conversions Part 2

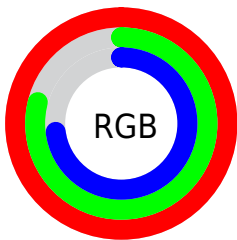
Format	Color
R _Y B	255, 207, 186
Decimal	16763578
CIE _{Lab}	85.55, 16.48, 15.18
CIE _{LCh}	86, 22.407, 42.655
Yxy	67.0932, 0.3673, 0.3459
Android (android.graphics.Color)	4294953658 (0xFFFFCABA)
YUV	216.0230, -14.8013, 34.1828
Hunter-Lab	81.9104, 11.9188, 17.0560

Details

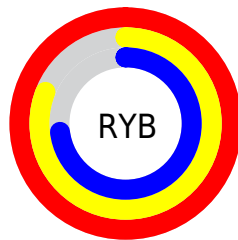
The RYB color **255, 207, 186** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **186, 216, 255**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **242, 255, 242**, and **197, 153, 133** is the 20% darker color. If you saturate the color by 10%, you get **255, 190, 161**, and if you desaturate by 10%, it is **255, 226, 211**.

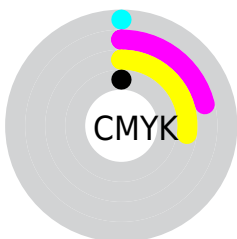
Distribution



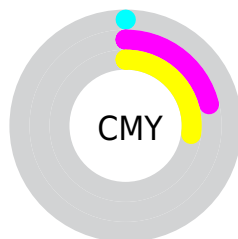
- Red (100%)
- Green (79%)
- Blue (73%)



- Red (100%)
- Yellow (81%)
- 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 255, 207, 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 255, 207, 186 by changing the saturation by 10% instead.

 255, 207, 186

255, 255, 255

 242, 255, 242

 255, 207, 186


 226, 180, 159

 197, 153, 133

 169, 126, 108

 142, 101, 83

 115, 77, 60

 90, 54, 38

 65, 32, 18

 42, 7, 0

 0, 0, 0

■ 255, 207, 186

■ 255, 207, 186

■ 255, 190, 161

■ 255, 226, 211

■ 255, 172, 135

■ 255, 242, 237

■ 255, 153, 109

255, 255, 255

■ 255, 136, 84

■ 255, 118, 58

■ 255, 101, 33

■ 255, 82, 8

■ 255, 77, 0

Harmonies

Analogous

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



255, 199, 205



255, 207, 186



242, 242, 174

Triad

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



255, 207, 186



174, 208, 225



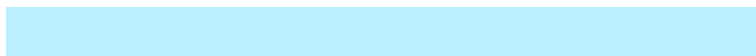
201, 211, 255

Complementary

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



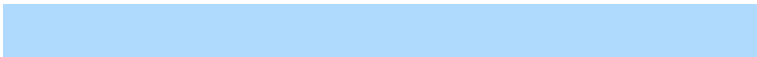
255, 207, 186



186, 216, 255

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.



175, 203, 254



255, 207, 186



159, 194, 226

Square

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



255, 207, 186



182, 221, 206



158, 195, 242



229, 205, 245

Rectangle

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



255, 207, 186



192, 228, 172



158, 195, 242



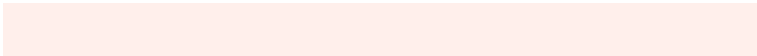
192, 209, 255

Sweetspot

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



255, 207, 186



255, 240, 235



255, 186, 239



128, 119, 115



0, 0, 0



128, 128, 128

Same Dimension

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



255, 207, 186



255, 198, 173



214, 255, 186



128, 119, 115



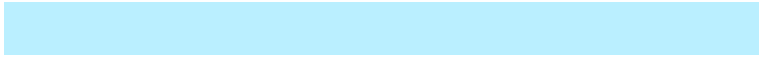
191, 59, 0



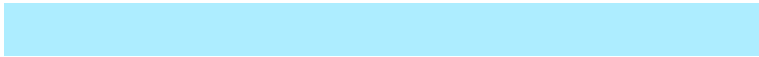
64, 20, 0

Inverse Universe

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



186, 216, 255



173, 209, 255



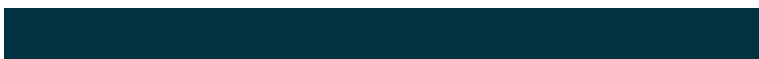
186, 200, 255



115, 121, 128



0, 83, 191



0, 28, 64

Previews

White Background



This preview shows how the RYB color 255, 207, 186 looks on a white background.

Color Contrast Check

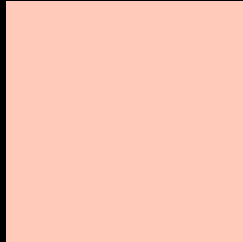
Large Text (above 18pt) WCAG AA × Fail

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 255, 207, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

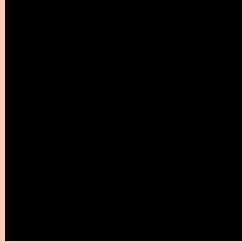
Any Text WCAG AA ✓ Pass

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](#).

RYB 255, 207, 186 Background



This preview shows how black text looks on a background with the RYB color 255, 207, 186.

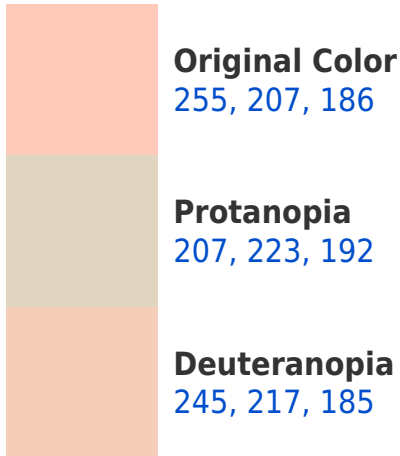



This preview shows how white text looks on a background with the RYB color 255, 207, 186.

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





Tritanopia
255, 199, 213

Trichromacy



Original Color

255, 207, 186

Protanomaly

235, 223, 190

Deuteranomaly

249, 214, 185

Tritanomaly

255, 200, 203

Monochromacy



Original Color

255, 207, 186

Achromatopsia

216, 216, 216

Achromatomaly

230, 213, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 207, 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(255, 202, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 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(255, 202, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 186) }
```

Border

The CSS property to change the border of an element to RYB 255, 207, 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(255, 202, 186) }
```

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

```
.border{ border-color:rgb(255, 202, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 255, 207, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 186) }
```

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

```
.background{ background-color: rgb(255,  
202, 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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