

Converting Colors

`RYB(252, 205, 216)`

Have a look what the booklet for RYB(252, 205, 216) contains.

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Color

R_YB(252, 205, 216)

Conversions

Conversions Part 1

Format	Color
Hex	FCCDD8
RGB	252, 205, 216
RGB Percent	99%, 80%, 85%
CMY	0.0118, 0.1961, 0.1529
CMYK	0.00, 0.19, 0.14, 0.01
HSL	346°, 89%, 90%
HSV	346°, 19%, 99%
XYZ	74.3709, 69.3160, 74.4253
YIQ	220.3070, 24.4810, 13.3850

Conversions

Conversions Part 2

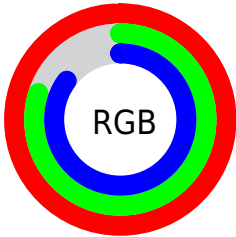
Format	Color
R_{YB}	252, 205, 216
Decimal	16567768
CIE Lab	86.66, 18.24, 0.82
CIE LCh	87, 18.260, 2.584
Yxy	69.3160, 0.3410, 0.3178
Android (android.graphics.Color)	4294757848 (0xFFFCDD8)
YUV	220.3070, -2.1234, 27.7948
Hunter-Lab	83.2562, 13.7516, 5.2782

Details

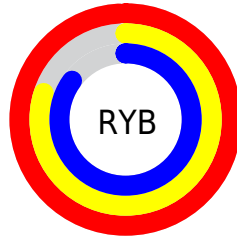
The RYB color **252, 205, 216** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **205, 232, 252**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is 255, 255, 255, and **195, 151, 161** is the 20% darker color. If you saturate the color by 10%, you get **252, 180, 197**, and if you desaturate by 10%, it is **252, 230, 235**.

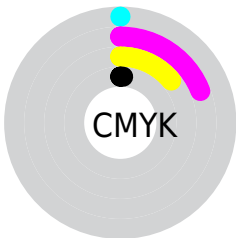
Distribution



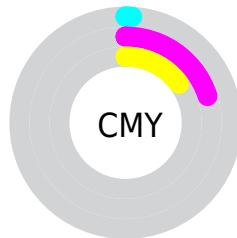
- Red (99%)
- Green (80%)
- Blue (85%)



- Red (99%)
- Yellow (80%)
- Blue (85%)



- Cyan (0%)
- Magenta (19%)
- Yellow (14%)
- Black (1%)



- Cyan (1%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 205, 216 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 252, 205, 216 by changing the saturation by 10% instead.


 252, 205, 216


255, 255, 255

 252, 205, 216

 223, 177, 188

 195, 151, 161

 167, 125, 135

 141, 99, 110

 115, 75, 85

 89, 52, 62

 65, 30, 41

 42, 9, 20

 10, 0, 0

■ 252, 205, 216

■ 252, 205, 216

■ 252, 180, 197

■ 252, 230, 235

■ 252, 155, 177

■ 252, 254, 255

■ 252, 129, 158

■ 252, 104, 139

■ 252, 79, 119

■ 252, 54, 100

■ 252, 29, 81

■ 252, 3, 62

■ 252, 0, 59

Harmonies

Analogous

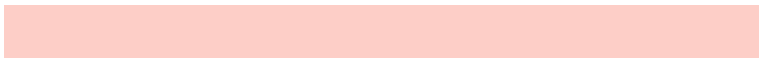
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241, 207, 233



252, 205, 216



253, 207, 199

Triad

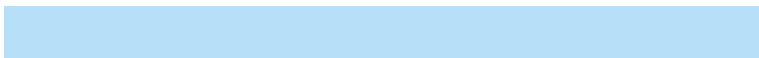
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



252, 205, 216



188, 222, 200



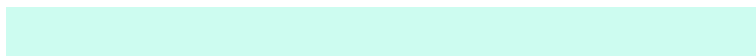
181, 207, 247

Complementary

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



252, 205, 216



205, 232, 252

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.



172, 201, 235



252, 205, 216



191, 218, 225

Square

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



252, 205, 216



201, 229, 183



176, 204, 227



200, 213, 251

Rectangle

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



252, 205, 216



248, 218, 190



176, 204, 227



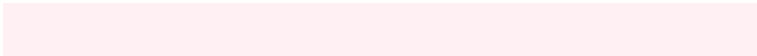
176, 204, 244

Sweetspot

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



252, 205, 216



255, 240, 243



240, 205, 252



128, 119, 121



0, 0, 0



128, 128, 128

Same Dimension

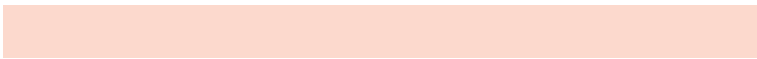
The Same Dimension uses a secret algorithm to generate beautiful new colors.



252, 205, 216



255, 199, 212



252, 221, 205



125, 112, 115



189, 0, 44



61, 0, 14

Inverse Universe

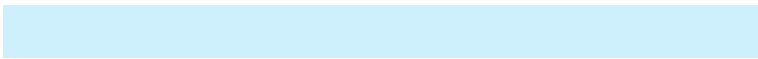
The Inverse Universe completely reimagines the original color for something new.



252, 205, 216



255, 199, 212



205, 225, 252



125, 112, 115



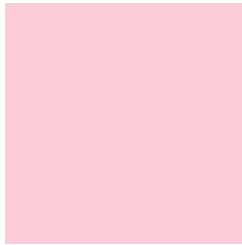
189, 0, 44



61, 0, 14

Previews

White Background



This preview shows how the RYB color 252, 205, 216 looks on a white background.

Color Contrast Check

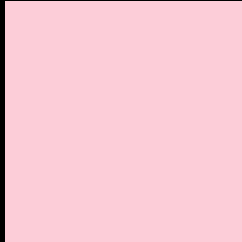
Large Text (above 18pt) WCAG AA × Fail

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 252, 205, 216 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 252, 205, 216 Background



This preview shows how black text looks on a background with the RYB color 252, 205, 216.

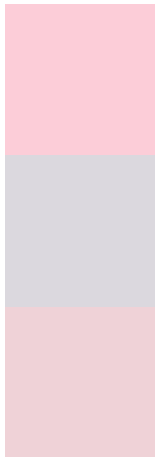


This preview shows how white text looks on a background with the RYB color 252, 205, 216.

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
252, 205, 216

Protanopia
219, 216, 222

Deuteranopia
239, 210, 215



Tritanopia
253, 204, 220

Trichromacy



Original Color

252, 205, 216

Protanomaly

231, 212, 220

Deuteranomaly

244, 208, 215

Tritanomaly

253, 204, 219

Monochromacy



Original Color

252, 205, 216

Achromatopsia

220, 220, 220

Achromatomaly

232, 215, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 205, 216 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(252, 205, 216) looks like.

```
.text, #text, p{  
    color:rgb(252, 205, 216)  
}
```

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(252, 205, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 205, 216) }
```

Border

The CSS property to change the border of an element to RYB 252, 205, 216 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(252, 205, 216) }
```

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

```
.border{ border-color:rgb(252, 205, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 205, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 205, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 205, 216);  
box-shadow:4px 4px 4px 4px rgb(252, 205,  
216) }
```

Background

The CSS property to change the background color of an element to RYB 252, 205, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 205, 216) }
```

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

```
.background{ background-color: rgb(252,  
205, 216) }
```

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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