

Converting Colors

`RYB(252, 216, 212)`

Have a look what the booklet for
RYB(252, 216, 212) contains.

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Color

R_YB(252, 216, 212)

Conversions

Conversions Part 1

Format	Color
Hex	FCD8D4
RGB	252, 216, 212
RGB Percent	99%, 85%, 83%
CMY	0.0118, 0.1544, 0.1686
CMYK	0.00, 0.14, 0.16, 0.01
HSL	5°, 87%, 91%
HSV	5°, 16%, 99%
XYZ	76.4914, 74.3745, 72.6115
YIQ	226.3080, 22.7400, 6.3880

Conversions

Conversions Part 2

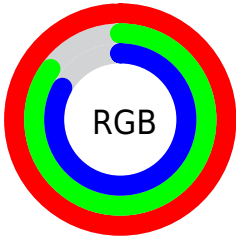
Format	Color
R _Y B	252, 216, 212
Decimal	16570580
CIE Lab	89.10, 12.07, 6.47
CIE LCh	89, 13.692, 28.204
Yxy	74.3745, 0.3423, 0.3328
Android (android.graphics.Color)	4294760660 (0xFFFC8D4)
YUV	226.3080, -7.0538, 22.5319
Hunter-Lab	86.2407, 7.3998, 10.4484

Details

The RYB color **252, 216, 212** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **212, 231, 252**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is 255, 255, 255, and **195, 161, 157** is the 20% darker color. If you saturate the color by 10%, you get **252, 194, 187**, and if you desaturate by 10%, it is **252, 239, 237**.

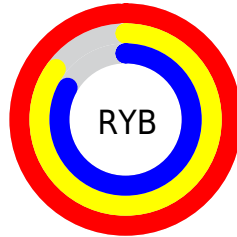
Distribution



Red (99%)

Green (85%)

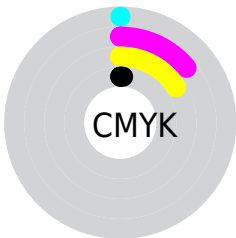
Blue (83%)



Red (99%)

Yellow (85%)

Blue (83%)

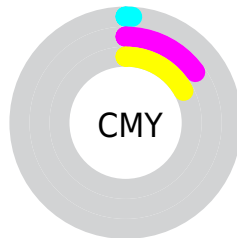


Cyan (0%)

Magenta (14%)

Yellow (16%)

Black (1%)



Cyan (1%)

Magenta (15%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the RYB color 252, 216, 212 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, 216, 212 by changing the saturation by 10% instead.

 252, 216, 212


255, 255, 255

 252, 216, 212


 223, 188, 184

 195, 161, 157


 168, 135, 131

 141, 109, 106

 115, 85, 82

 90, 62, 59

 66, 39, 37

 43, 19, 17

 19, 0, 0

252, 216, 212

252, 216, 212

252, 194, 187

252, 239, 237

252, 171, 162

252, 254, 255

252, 148, 136

252, 125, 111

252, 102, 86

252, 80, 61

252, 57, 36

252, 34, 10

252, 25, 0

Harmonies

Analogous

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



250, 215, 225



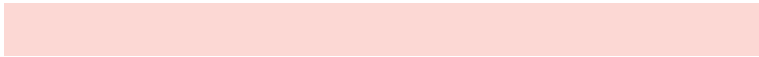
252, 216, 212



247, 227, 202

Triad

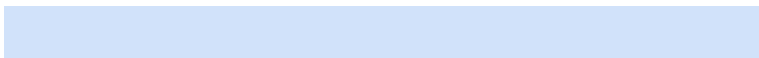
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



252, 216, 212



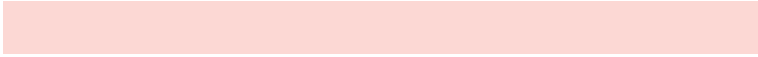
206, 227, 230



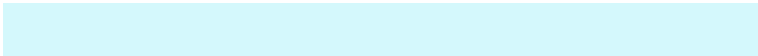
209, 221, 250

Complementary

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



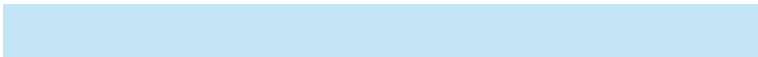
252, 216, 212



212, 231, 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.



196, 216, 246



252, 216, 212



195, 216, 232

Square

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



252, 216, 212



201, 227, 207



191, 212, 236



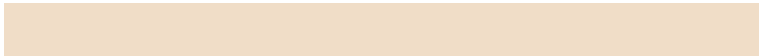
226, 221, 247

Rectangle

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



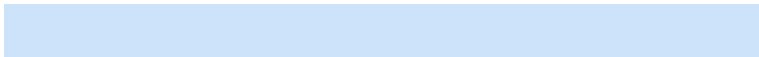
252, 216, 212



234, 240, 199



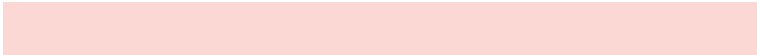
191, 212, 236



204, 219, 249

Sweetspot

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



252, 216, 212



255, 243, 242



252, 212, 249



128, 121, 120



0, 0, 0



128, 128, 128

Same Dimension

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



252, 216, 212



255, 211, 207



242, 252, 212



125, 114, 112



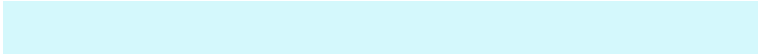
189, 19, 0



61, 7, 0

Inverse Universe

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



212, 231, 252



207, 230, 255



212, 224, 252



112, 118, 125



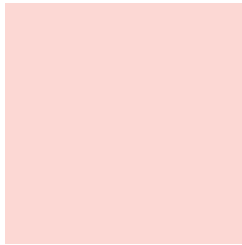
0, 90, 189



0, 29, 61

Previews

White Background



This preview shows how the RYB color 252, 216, 212 looks on a white background.

Color Contrast Check

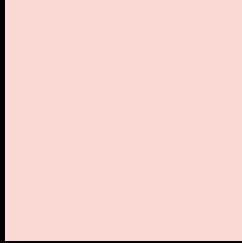
Large Text (above 18pt) WCAG AA × Fail

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, 216, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

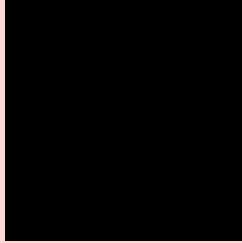
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

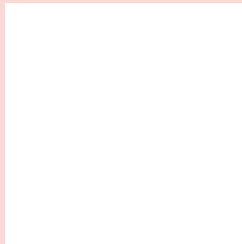
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 252, 216, 212 Background



This preview shows how black text looks on a background with the RYB color 252, 216, 212.

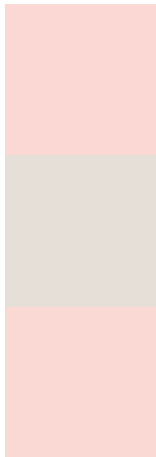


This preview shows how white text looks on a background with the RYB color 252, 216, 212.

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, 216, 212

Protanopia
230, 230, 216

Deuteranopia
250, 216, 212



Tritanopia
254, 213, 230

Trichromacy



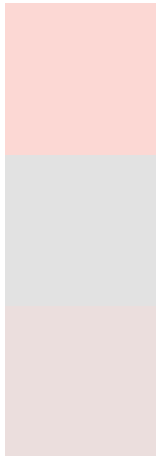
Original Color
252, 216, 212

Protanomaly
238, 221, 215

Deuteranomaly
251, 216, 212

Tritanomaly
253, 214, 223

Monochromacy



Original Color
252, 216, 212

Achromatopsia
226, 226, 226

Achromatomaly
235, 222, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 216, 212 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, 216, 212) looks like.

```
.text, #text, p{  
    color:rgb(252, 216, 212)  
}
```

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, 216, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 216, 212) }
```

Border

The CSS property to change the border of an element to RYB 252, 216, 212 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, 216, 212) }
```

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

```
.border{ border-color:rgb(252, 216, 212) }
```

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

Here you see how a box with a 4 pixel rgb(252, 216, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 216, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 216, 212);  
box-shadow:4px 4px 4px 4px rgb(252, 216,  
212) }
```

Background

The CSS property to change the background color of an element to RYB 252, 216, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 216, 212) }
```

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

```
.background{ background-color: rgb(252,  
216, 212) }
```

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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