

Converting Colors

`RYB(252, 213, 216)`

Have a look what the booklet for
RYB(252, 213, 216) contains.

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Color

R_YB(252, 213, 216)

Conversions

Conversions Part 1

Format	Color
Hex	FCD5D8
RGB	252, 213, 216
RGB Percent	99%, 84%, 85%
CMY	0.0118, 0.1647, 0.1529
CMYK	0.00, 0.15, 0.14, 0.01
HSL	355°, 87%, 91%
HSV	355°, 15%, 99%
XYZ	76.3338, 73.2418, 75.0796
YIQ	225.0030, 22.2810, 9.2010

Conversions

Conversions Part 2

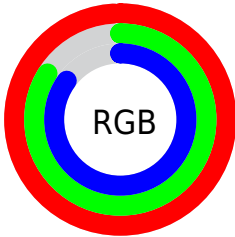
Format	Color
R _Y B	252, 213, 216
Decimal	16569816
CIE Lab	88.56, 14.06, 3.59
CIE LCh	89, 14.509, 14.320
Yxy	73.2418, 0.3398, 0.3260
Android (android.graphics.Color)	4294759896 (0xFFFC5D8)
YUV	225.0030, -4.4385, 23.6764
Hunter-Lab	85.5814, 9.4444, 7.8926

Details

The RYB color **252, 213, 216** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **213, 233, 252**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is 255, 255, 255, and **195, 158, 161** is the 20% darker color. If you saturate the color by 10%, you get **252, 188, 193**, and if you desaturate by 10%, it is **252, 238, 239**.

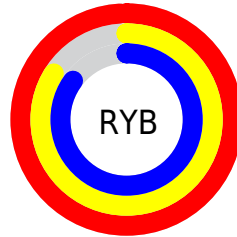
Distribution



Red (99%)

Green (84%)

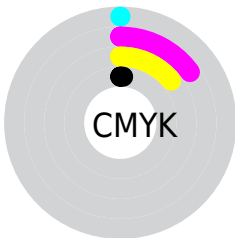
Blue (85%)



Red (99%)

Yellow (84%)

Blue (85%)

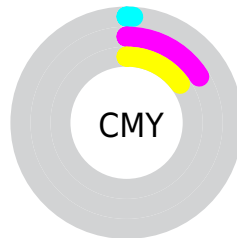


Cyan (0%)

Magenta (15%)

Yellow (14%)

Black (1%)



Cyan (1%)

Magenta (16%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 213, 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, 213, 216 by changing the saturation by 10% instead.

 252, 213, 216


255, 255, 255

 252, 213, 216


 223, 185, 188

 195, 158, 161


 168, 132, 135

 141, 107, 110

 115, 82, 85

 90, 59, 62

 66, 37, 41

 43, 17, 20

 18, 0, 0

■ 252, 213, 216

■ 252, 213, 216

■ 252, 188, 193

■ 252, 238, 239

■ 252, 163, 169

■ 252, 254, 255

■ 252, 137, 146

■ 252, 112, 123

■ 252, 87, 100

■ 252, 62, 76

■ 252, 37, 53

■ 252, 11, 30

■ 252, 0, 19

Harmonies

Analogous

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



246, 214, 230



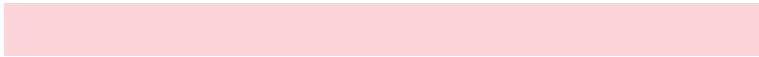
252, 213, 216



250, 218, 204

Triad

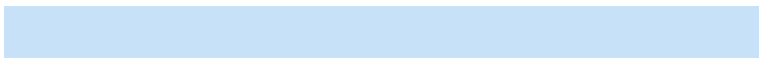
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



252, 213, 216



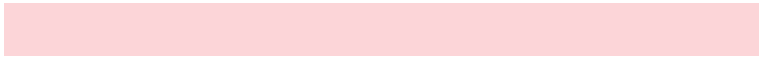
202, 227, 218



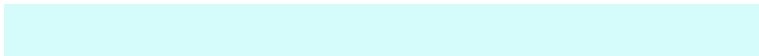
199, 216, 248

Complementary

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



252, 213, 216



213, 233, 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.



189, 212, 241



252, 213, 216



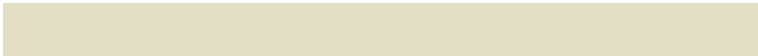
196, 218, 230

Square

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



252, 213, 216



201, 227, 196



188, 210, 231



216, 220, 249

Rectangle

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



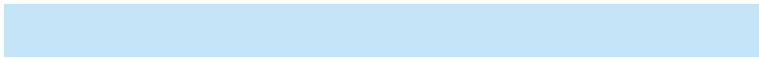
252, 213, 216



244, 230, 198



188, 210, 231



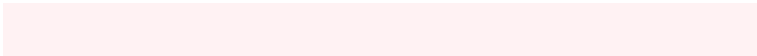
195, 215, 247

Sweetspot

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



252, 213, 216



255, 242, 243



249, 213, 252



128, 120, 120



0, 0, 0



128, 128, 128

Same Dimension

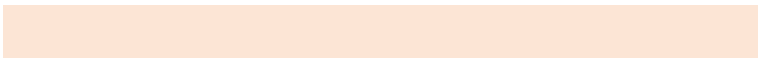
The Same Dimension uses a secret algorithm to generate beautiful new colors.



252, 213, 216



255, 207, 210



252, 240, 213



125, 112, 113



189, 0, 15



61, 0, 5

Inverse Universe

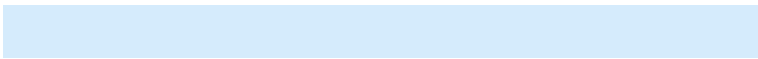
The Inverse Universe completely reimagines the original color for something new.



252, 213, 216



255, 207, 210



213, 227, 252



125, 112, 113



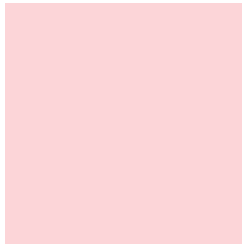
189, 0, 15



61, 0, 5

Previews

White Background



This preview shows how the RYB color 252, 213, 216 looks on a white background.

Color Contrast Check

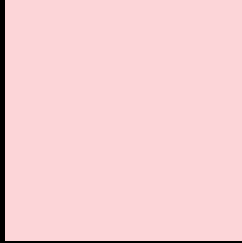
Large Text (above 18pt) WCAG AA × Fail

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, 213, 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, 213, 216 Background



This preview shows how black text looks on a background with the RYB color 252, 213, 216.

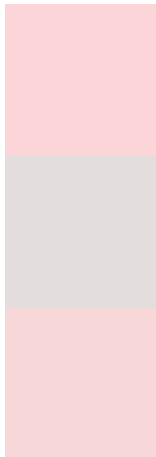


This preview shows how white text looks on a background with the RYB color 252, 213, 216.

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, 213, 216

Protanopia
227, 221, 221

Deuteranopia
247, 215, 216



Tritanopia
253, 211, 228

Trichromacy



Original Color

252, 213, 216

Protanomaly

236, 218, 219

Deuteranomaly

249, 214, 216

Tritanomaly

253, 212, 224

Monochromacy



Original Color

252, 213, 216

Achromatopsia

225, 225, 225

Achromatomaly

235, 221, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 213, 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, 213, 216) looks like.

```
.text, #text, p{  
    color:rgb(252, 213, 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, 213, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 213, 216) }
```

Border

The CSS property to change the border of an element to RYB 252, 213, 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, 213, 216) }
```

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

```
.border{ border-color:rgb(252, 213, 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, 213, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 213, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 213, 216);  
box-shadow:4px 4px 4px 4px rgb(252, 213,  
216) }
```

Background

The CSS property to change the background color of an element to RYB 252, 213, 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, 213, 216) }
```

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

```
.background{ background-color: rgb(252,  
213, 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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