

Converting Colors

`RYB(255, 217, 221)`

Have a look what the booklet for
RYB(255, 217, 221) contains.

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Color

R_YB(255, 217, 221)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9DD
RGB	255, 217, 221
RGB Percent	100%, 85%, 87%
CMY	0.0000, 0.1490, 0.1333
CMYK	0.00, 0.15, 0.13, 0.00
HSL	354°, 100%, 93%
HSV	354°, 15%, 100%
XYZ	79.1040, 76.1062, 78.9273
YIQ	228.8180, 21.3640, 9.3000

Conversions

Conversions Part 2

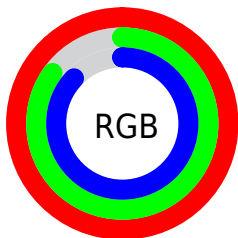
Format	Color
R _Y B	255, 217, 221
Decimal	16767453
CIE Lab	89.91, 13.81, 2.94
CIE LCh	90, 14.123, 12.018
Yxy	76.1062, 0.3379, 0.3250
Android (android.graphics.Color)	4294957533 (0xFFFFD9DD)
YUV	228.8180, -3.8543, 22.9616
Hunter-Lab	87.2388, 9.1872, 7.4259

Details

The RYB color **255, 217, 221** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **217, 237, 255**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 162, 166** is the 20% darker color. If you saturate the color by 10%, you get **255, 192, 198**, and if you desaturate by 10%, it is 255, 243, 244.

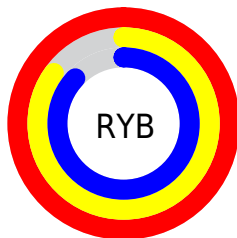
Distribution



Red (100%)

Green (85%)

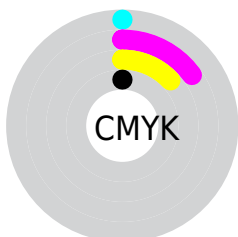
Blue (87%)



Red (100%)

Yellow (85%)

Blue (87%)

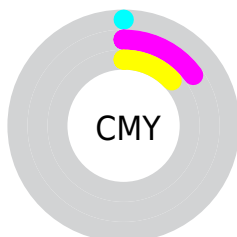


Cyan (0%)

Magenta (15%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 217, 221 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, 217, 221 by changing the saturation by 10% instead.


 255, 217, 221

255, 255, 255

 255, 217, 221

 226, 189, 193


 198, 162, 166


 170, 136, 140

 144, 110, 114

 118, 86, 90

 93, 62, 66

 68, 40, 44

 45, 20, 24

 26, 0, 1

 255, 217, 221


 255, 217, 221


 255, 192, 198

 255, 243, 244

 255, 166, 175

255, 255, 255

 255, 141, 153

 255, 115, 130

 255, 90, 107

 255, 64, 84

 255, 38, 61

 255, 13, 38

 255, 0, 27

Harmonies

Analogous

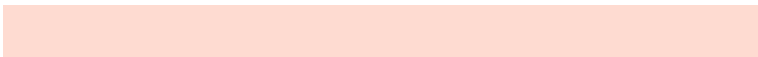
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249, 218, 235



255, 217, 221



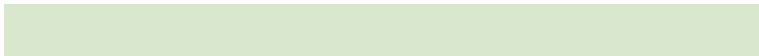
254, 222, 209

Triad

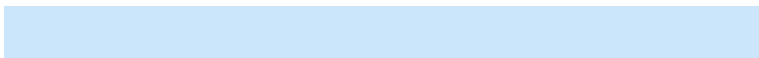
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 217, 221



206, 231, 221



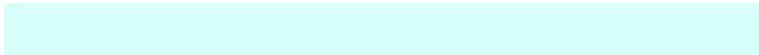
203, 220, 251

Complementary

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



255, 217, 221



217, 237, 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.



193, 215, 244



255, 217, 221



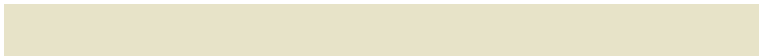
202, 223, 233

Square

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



255, 217, 221



205, 231, 200



193, 214, 234



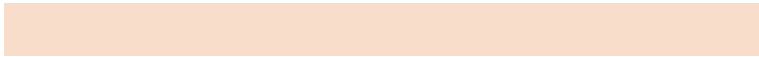
219, 224, 252

Rectangle

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



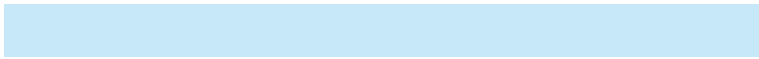
255, 217, 221



249, 233, 203



193, 214, 234



199, 219, 249

Sweetspot

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



255, 217, 221



255, 245, 246



251, 217, 255



128, 121, 122



0, 0, 0



128, 128, 128

Same Dimension

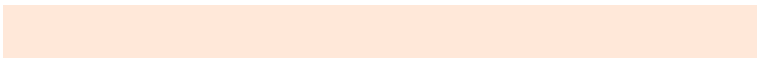
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 217, 221



255, 209, 214



255, 242, 217



128, 115, 116



191, 0, 20



64, 0, 7

Inverse Universe

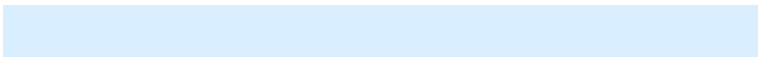
The Inverse Universe completely reimagines the original color for something new.



255, 217, 221



255, 209, 214



217, 231, 255



128, 115, 116



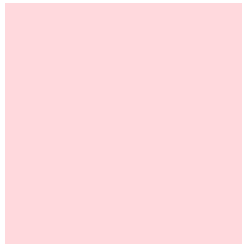
191, 0, 20



64, 0, 7

Previews

White Background



This preview shows how the RYB color 255, 217, 221 looks on a white background.

Color Contrast Check

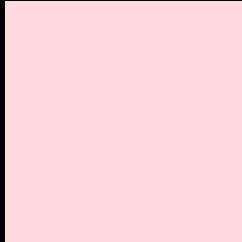
Large Text (above 18pt) WCAG AA × Fail

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, 217, 221 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, 217, 221 Background



This preview shows how black text looks on a background with the RYB color 255, 217, 221.

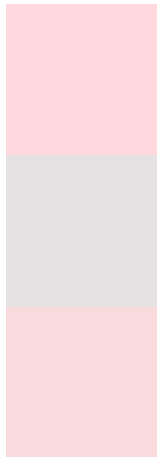


This preview shows how white text looks on a background with the RYB color 255, 217, 221.

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
255, 217, 221

Protanopia
230, 225, 226

Deuteranopia
250, 219, 221



Tritanopia
255, 216, 232

Trichromacy



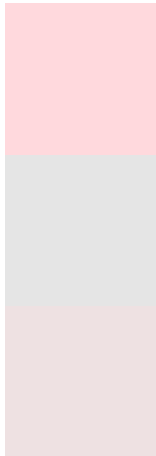
Original Color
255, 217, 221

Protanomaly
239, 222, 224

Deuteranomaly
252, 218, 221

Tritanomaly
255, 216, 228

Monochromacy



Original Color
255, 217, 221

Achromatopsia
229, 229, 229

Achromatomaly
238, 225, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 217, 221 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, 217, 221) looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 221)  
}
```

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, 217, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 221) }
```

Border

The CSS property to change the border of an element to RYB 255, 217, 221 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, 217, 221) }
```

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

```
.border{ border-color:rgb(255, 217, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
221) }
```

Background

The CSS property to change the background color of an element to RYB 255, 217, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 221) }
```

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

```
.background{ background-color: rgb(255,  
217, 221) }
```

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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