

Converting Colors

`RYB(255, 206, 216)`

Have a look what the booklet for
RYB(255, 206, 216) contains.

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Color

RYB(255, 206, 216)

Conversions

Conversions Part 1

Format	Color
Hex	FFCED8
RGB	255, 206, 216
RGB Percent	100%, 81%, 85%
CMY	0.0000, 0.1922, 0.1529
CMYK	0.00, 0.19, 0.15, 0.00
HSL	348°, 100%, 90%
HSV	348°, 19%, 100%
XYZ	75.7060, 70.3605, 74.5565
YIQ	221.7910, 25.9940, 13.4980

Conversions

Conversions Part 2

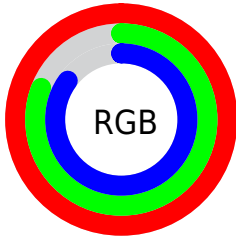
Format	Color
R_{YB}	255, 206, 216
Decimal	16764632
CIE Lab	87.17, 18.77, 1.60
CIE LCh	87, 18.839, 4.885
Yxy	70.3605, 0.3431, 0.3189
Android (android.graphics.Color)	4294954712 (0xFFFFCED8)
YUV	221.7910, -2.8550, 29.1243
Hunter-Lab	83.8812, 14.3111, 6.0178

Details

The RYB color **255, 206, 216** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **206, 233, 255**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 152, 161** is the 20% darker color. If you saturate the color by 10%, you get **255, 180, 196**, and if you desaturate by 10%, it is **255, 232, 236**.

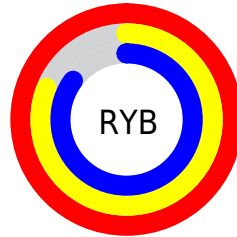
Distribution



Red (100%)

Green (81%)

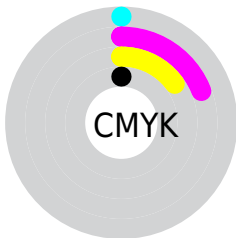
Blue (85%)



Red (100%)

Yellow (81%)

Blue (85%)

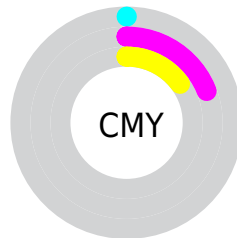


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 206, 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 255, 206, 216 by changing the saturation by 10% instead.


 255, 206, 216

255, 255, 255

 255, 206, 216

 226, 178, 188

 198, 152, 161

 170, 125, 135

 143, 100, 110

 117, 76, 85

 92, 53, 62

 67, 31, 41

 44, 10, 20

 16, 0, 0

■ 255, 206, 216

■ 255, 206, 216

■ 255, 180, 196

■ 255, 232, 236

■ 255, 155, 175

255, 255, 255

■ 255, 130, 155

■ 255, 104, 135

■ 255, 79, 115

■ 255, 53, 94

■ 255, 27, 74

■ 255, 2, 54

■ 255, 0, 52

Harmonies

Analogous

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



244, 208, 234



255, 206, 216



255, 210, 199

Triad

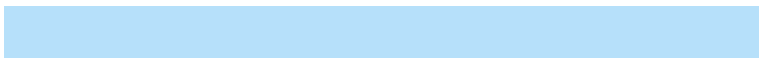
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 206, 216



189, 224, 204



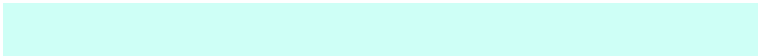
182, 208, 250

Complementary

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



255, 206, 216



206, 233, 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.



172, 202, 238



255, 206, 216



190, 217, 227

Square

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



255, 206, 216



199, 230, 183



175, 204, 229



202, 215, 254

Rectangle

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



255, 206, 216



250, 220, 190



175, 204, 229



177, 206, 247

Sweetspot

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



255, 206, 216



255, 240, 243



244, 206, 255



128, 119, 120



0, 0, 0



128, 128, 128

Same Dimension

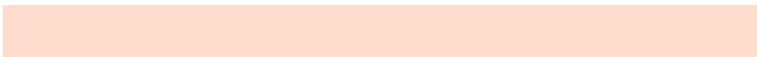
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 206, 216



255, 196, 208



255, 226, 206



128, 115, 117



191, 0, 39



64, 0, 13

Inverse Universe

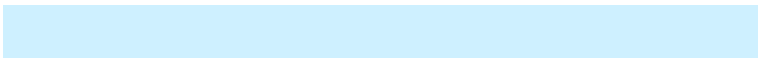
The Inverse Universe completely reimagines the original color for something new.



255, 206, 216



255, 196, 208



206, 226, 255



128, 115, 117



191, 0, 39



64, 0, 13

Previews

White Background



This preview shows how the RYB color 255, 206, 216 looks on a white background.

Color Contrast Check

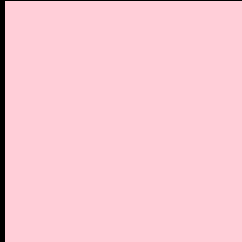
Large Text (above 18pt) WCAG AA × Fail

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 255, 206, 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 255, 206, 216 Background



This preview shows how black text looks on a background with the RYB color 255, 206, 216.

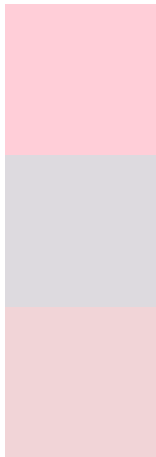


This preview shows how white text looks on a background with the RYB color 255, 206, 216.

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
255, 206, 216

Protanopia
221, 218, 223

Deuteranopia
241, 212, 215



Tritanopia
255, 205, 221

Trichromacy



Original Color

255, 206, 216

Protanomaly

233, 214, 220

Deuteranomaly

246, 210, 215

Tritanomaly

255, 205, 219

Monochromacy



Original Color

255, 206, 216

Achromatopsia

222, 222, 222

Achromatomaly

234, 216, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 206, 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(255, 206, 216) looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 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(255, 206, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 216) }
```

Border

The CSS property to change the border of an element to RYB 255, 206, 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(255, 206, 216) }
```

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

```
.border{ border-color:rgb(255, 206, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 206, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 206, 216); box-shadow:4px 4px 4px 4px rgb(255, 206, 216) }
```

Background

The CSS property to change the background color of an element to RYB 255, 206, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 216) }
```

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

```
.background{ background-color: rgb(255,  
206, 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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