

Converting Colors

`RYB(255, 205, 204)`

Have a look what the booklet for
RYB(255, 205, 204) contains.

RYB(255, 205, 204)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(255, 205, 204)

Conversions

Conversions Part 1

Format	Color
Hex	FFCDCC
RGB	255, 205, 204
RGB Percent	100%, 80%, 80%
CMY	0.0000, 0.1962, 0.2000
CMYK	0.00, 0.20, 0.20, 0.00
HSL	1°, 100%, 90%
HSV	1°, 20%, 100%
XYZ	73.9658, 69.2731, 66.5994
YIQ	219.8360, 30.1210, 10.2890

Conversions

Conversions Part 2

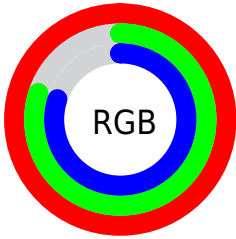
Format	Color
R _Y B	255, 205, 204
Decimal	16764364
CIE Lab	86.64, 17.49, 7.19
CIE LCh	87, 18.915, 22.347
Yxy	69.2731, 0.3525, 0.3301
Android (android.graphics.Color)	4294954444 (0xFFFFCDCC)
YUV	219.8360, -7.8071, 30.8388
Hunter-Lab	83.2304, 12.9773, 10.8186

Details

The RYB color **255, 205, 204** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **204, 229, 255**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 151, 150** is the 20% darker color. If you saturate the color by 10%, you get **255, 180, 179**, and if you desaturate by 10%, it is **255, 230, 230**.

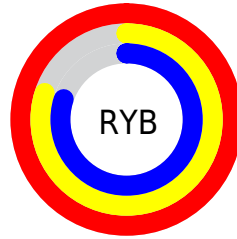
Distribution



Red (100%)

Green (80%)

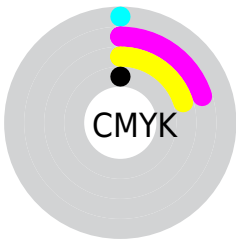
Blue (80%)



Red (100%)

Yellow (80%)

Blue (80%)

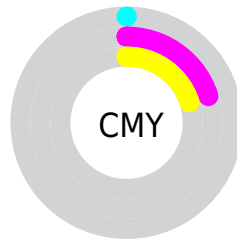


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 205, 204 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, 205, 204 by changing the saturation by 10% instead.


 255, 205, 204

255, 255, 255

 255, 205, 204


 226, 177, 177

 198, 151, 150

 170, 125, 124

 143, 99, 99

 117, 75, 75

 91, 52, 53


 66, 30, 32

 44, 9, 8

 8, 0, 0

 255, 205, 204

 255, 205, 204

 255, 180, 179

 255, 230, 230

 255, 155, 153

255, 255, 255

 255, 130, 128

 255, 105, 102

 255, 80, 77

 255, 55, 51

 255, 30, 25

 255, 5, 0

Harmonies

Analogous

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



250, 205, 222



255, 205, 204



250, 219, 189

Triad

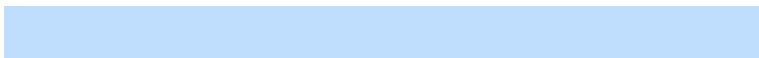
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 205, 204



195, 225, 224



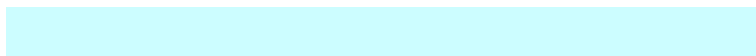
191, 211, 252

Complementary

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



255, 205, 204



204, 229, 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.



175, 204, 245



255, 205, 204



179, 208, 227

Square

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



255, 205, 204



184, 220, 187



170, 199, 230



214, 214, 250

Rectangle

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



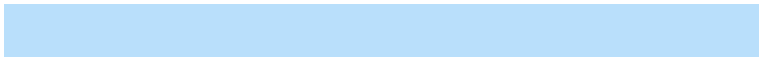
255, 205, 204



241, 241, 183



170, 199, 230



185, 209, 251

Sweetspot

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



255, 205, 204



255, 240, 240



255, 204, 254



128, 119, 119



0, 0, 0



128, 128, 128

Same Dimension

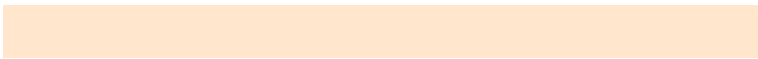
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 205, 204



255, 195, 194



253, 255, 204



128, 115, 115



191, 4, 0



64, 1, 0

Inverse Universe

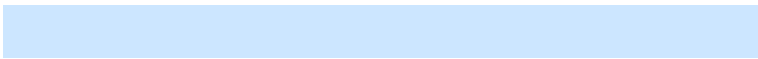
The Inverse Universe completely reimagines the original color for something new.



204, 229, 255



194, 224, 255



204, 221, 255



115, 121, 128



0, 95, 191



0, 32, 64

Previews

White Background



This preview shows how the RYB color 255, 205, 204 looks on a white background.

Color Contrast Check

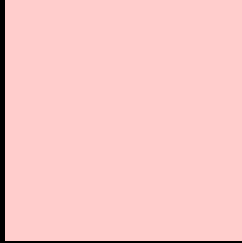
Large Text (above 18pt) WCAG AA × Fail

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, 205, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

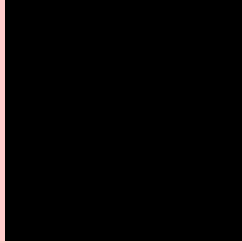
Any Text WCAG AA ✓ Pass

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, 205, 204 Background



This preview shows how black text looks on a background with the RYB color 255, 205, 204.

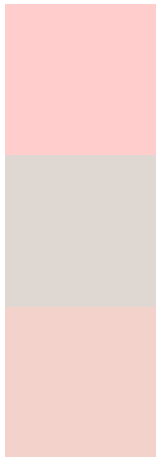


This preview shows how white text looks on a background with the RYB color 255, 205, 204.

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, 205, 204

Protanopia
223, 221, 210

Deuteranopia
243, 211, 203



Tritanopia
255, 203, 218

Trichromacy



Original Color

255, 205, 204

Protanomaly

235, 213, 208

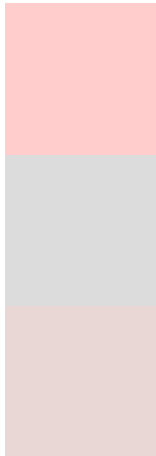
Deuteranomaly

247, 209, 203

Tritanomaly

255, 204, 213

Monochromacy



Original Color

255, 205, 204

Achromatopsia

220, 220, 220

Achromatomaly

233, 215, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 205, 204 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, 205, 204) looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 204)  
}
```

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, 205, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 204) }
```

Border

The CSS property to change the border of an element to RYB 255, 205, 204 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, 205, 204) }
```

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

```
.border{ border-color:rgb(255, 205, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 255, 205, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 204) }
```

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

```
.background{ background-color: rgb(255,  
205, 204) }
```

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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