

Converting Colors

`RYB(255, 210, 201)`

Have a look what the booklet for
RYB(255, 210, 201) contains.

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Color

$\text{RYB}(255, 210, 201)$

Conversions

Conversions Part 1

Format	Color
Hex	FFD1C9
RGB	255, 209, 201
RGB Percent	100%, 82%, 79%
CMY	0.0000, 0.1815, 0.2118
CMYK	0.00, 0.18, 0.21, 0.00
HSL	9°, 100%, 89%
HSV	9°, 21%, 100%
XYZ	74.5130, 70.9379, 65.0235
YIQ	221.8420, 29.9840, 7.2640

Conversions

Conversions Part 2

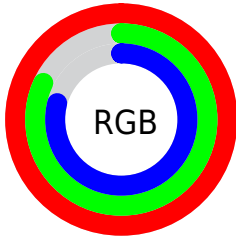
Format	Color
R _Y B	255, 210, 201
Decimal	16765385
CIE Lab	87.45, 15.11, 9.95
CIE LCh	87, 18.091, 33.360
Yxy	70.9379, 0.3540, 0.3370
Android (android.graphics.Color)	4294955465 (0xFFFFD1C9)
YUV	221.8420, -10.2751, 29.0796
Hunter-Lab	84.2246, 10.5248, 13.1839

Details

The RYB color **255, 210, 201** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **201, 226, 255**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 155, 147** is the 20% darker color. If you saturate the color by 10%, you get **255, 189, 176**, and if you desaturate by 10%, it is **255, 232, 227**.

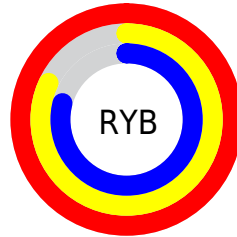
Distribution



Red (100%)

Green (82%)

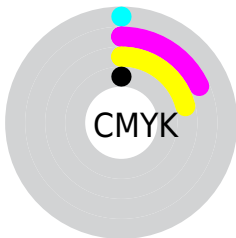
Blue (79%)



Red (100%)

Yellow (82%)

Blue (79%)

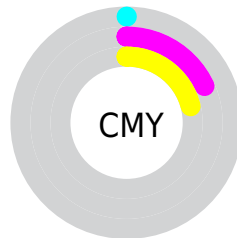


Cyan (0%)

Magenta (18%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 210, 201 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, 210, 201 by changing the saturation by 10% instead.


 255, 210, 201


255, 255, 255

 255, 210, 201


 226, 182, 174

 198, 155, 147

 170, 129, 121


 143, 104, 97

 117, 80, 73

 91, 57, 50


 67, 35, 29

 44, 16, 4


 11, 0, 0

 255, 210, 201


 255, 210, 201

 255, 189, 176


 255, 232, 227

 255, 168, 150

 255, 252, 252

 255, 146, 124

255, 255, 255

 255, 125, 99

 255, 103, 73

 255, 83, 48

 255, 62, 22

 255, 42, 0

Harmonies

Analogous

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



254, 207, 218



255, 210, 201



247, 230, 189

Triad

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



255, 210, 201



193, 220, 228



203, 216, 253

Complementary

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



255, 210, 201



201, 226, 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.



184, 209, 249



255, 210, 201



178, 206, 229

Square

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



255, 210, 201



190, 224, 202



175, 204, 237



225, 214, 248

Rectangle

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



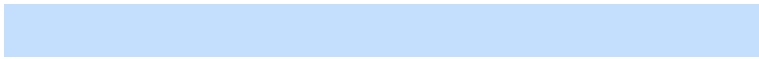
255, 210, 201



218, 237, 185



175, 204, 237



196, 214, 253

Sweetspot

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



255, 210, 201



255, 242, 240



255, 201, 248



128, 120, 119



0, 0, 0



128, 128, 128

Same Dimension

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



255, 210, 201



255, 201, 191



233, 255, 201



128, 117, 115



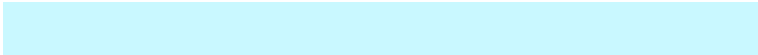
191, 31, 0



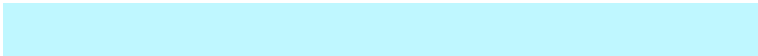
64, 10, 0

Inverse Universe

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



201, 226, 255



191, 221, 255



201, 216, 255



115, 121, 128



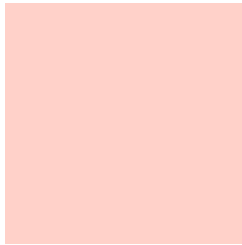
0, 88, 191



0, 30, 64

Previews

White Background



This preview shows how the RYB color 255, 210, 201 looks on a white background.

Color Contrast Check

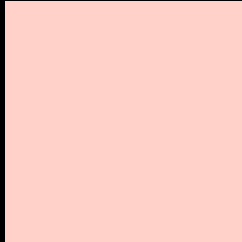
Large Text (above 18pt) WCAG AA × Fail

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, 210, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

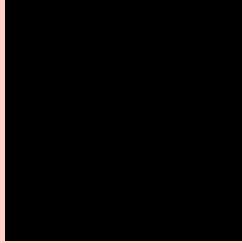
Any Text WCAG AA ✓ Pass

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, 210, 201 Background



This preview shows how black text looks on a background with the RYB color 255, 210, 201.

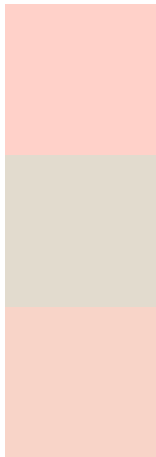


This preview shows how white text looks on a background with the RYB color 255, 210, 201.

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, 210, 201

Protanopia
217, 226, 206

Deuteranopia
248, 216, 200



Tritanopia
255, 207, 221

Trichromacy



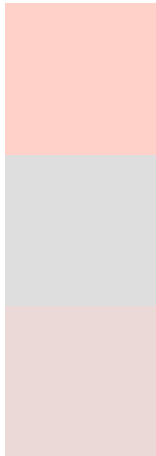
Original Color
255, 210, 201

Protanomaly
237, 221, 204

Deuteranomaly
251, 214, 200

Tritanomaly
255, 208, 214

Monochromacy



Original Color
255, 210, 201

Achromatopsia
222, 222, 222

Achromatomaly
234, 218, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 210, 201 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, 209, 201) looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 201)  
}
```

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, 209, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 201) }
```

Border

The CSS property to change the border of an element to RYB 255, 210, 201 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, 209, 201) }
```

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

```
.border{ border-color:rgb(255, 209, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 255, 210, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 201) }
```

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

```
.background{ background-color: rgb(255,  
209, 201) }
```

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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