

Converting Colors

`RYB(255, 221, 200)`

Have a look what the booklet for
RYB(255, 221, 200) contains.

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Color

`RYB(255, 221, 200)`

Conversions

Conversions Part 1

Format	Color
Hex	FFD7C8
RGB	255, 215, 200
RGB Percent	100%, 84%, 78%
CMY	0.0000, 0.1561, 0.2157
CMYK	0.00, 0.16, 0.22, 0.00
HSL	17°, 100%, 89%
HSV	17°, 22%, 100%
XYZ	76.0161, 74.1316, 64.9459
YIQ	225.2500, 28.6550, 3.8150

Conversions

Conversions Part 2

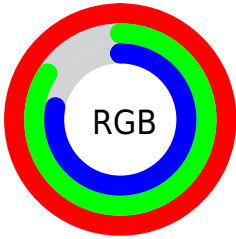
Format	Color
R _Y B	255, 221, 200
Decimal	16766920
CIE Lab	88.98, 11.60, 12.65
CIE LCh	89, 17.162, 47.497
Yxy	74.1316, 0.3534, 0.3446
Android (android.graphics.Color)	4294957000 (0xFFFFD7C8)
YUV	225.2500, -12.4482, 26.0907
Hunter-Lab	86.0997, 6.9203, 15.5467

Details

The RYB color **255, 221, 200** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **200, 223, 255**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 165, 146** is the 20% darker color. If you saturate the color by 10%, you get **255, 205, 175**, and if you desaturate by 10%, it is **255, 237, 226**.

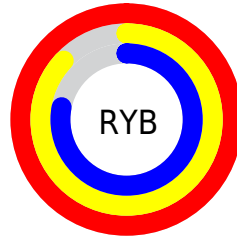
Distribution



Red (100%)

Green (84%)

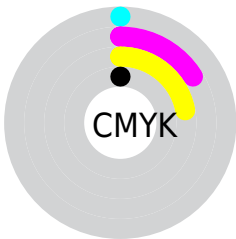
Blue (78%)



Red (100%)

Yellow (87%)

Blue (78%)

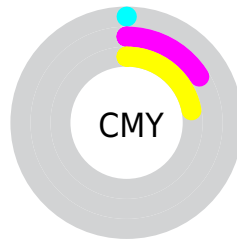


Cyan (0%)

Magenta (16%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 221, 200 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, 221, 200 by changing the saturation by 10% instead.


 255, 221, 200


255, 255, 255

 255, 221, 200


 226, 192, 173

 198, 165, 146

 170, 139, 120

 143, 114, 96

 117, 88, 72

 91, 66, 49

 67, 43, 28

 44, 29, 3

 17, 0, 0

255, 221, 200

255, 221, 200

255, 205, 175

255, 237, 226

255, 189, 149

255, 252, 251

255, 174, 123

255, 255, 255

255, 157, 98

255, 142, 73

255, 126, 47

255, 110, 22

255, 96, 0

Harmonies

Analogous

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



255, 212, 214



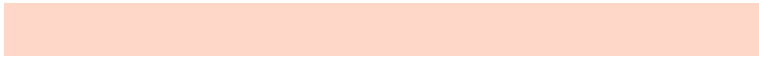
255, 221, 200



234, 243, 192

Triad

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



255, 221, 200



191, 217, 233



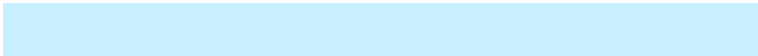
218, 222, 255

Complementary

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



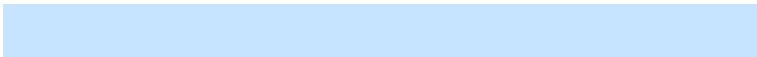
255, 221, 200



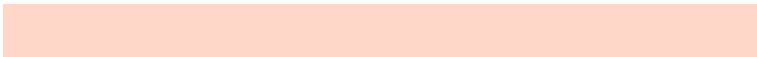
200, 223, 255

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.



198, 217, 255



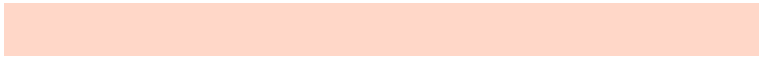
255, 221, 200



182, 208, 233

Square

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



255, 221, 200



201, 230, 223



184, 211, 247



238, 216, 246

Rectangle

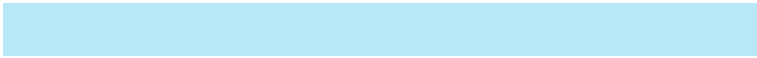
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 221, 200



201, 232, 191



184, 211, 247



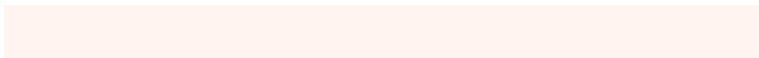
211, 220, 255

Sweetspot

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



255, 221, 200



255, 245, 240



255, 200, 240



128, 122, 119



0, 0, 0



128, 128, 128

Same Dimension

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



255, 221, 200



255, 214, 189



217, 255, 200



128, 119, 115



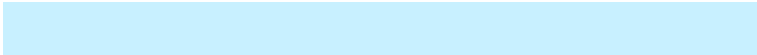
191, 73, 0



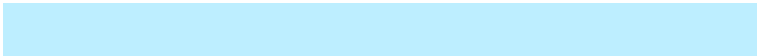
64, 25, 0

Inverse Universe

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



200, 223, 255



189, 217, 255



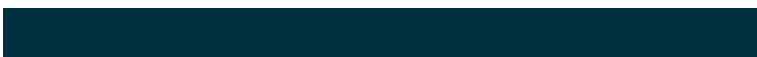
200, 211, 255



115, 120, 128



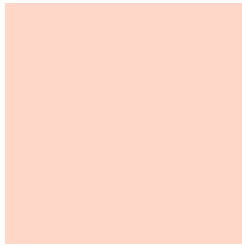
0, 80, 191



0, 27, 64

Previews

White Background



This preview shows how the RYB color 255, 221, 200 looks on a white background.

Color Contrast Check

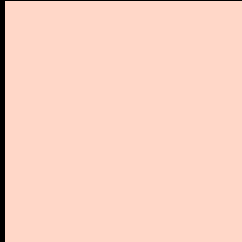
Large Text (above 18pt) WCAG AA × Fail

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, 221, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

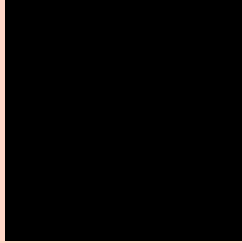
Any Text WCAG AA ✓ Pass

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](#).

R Y B 255, 221, 200 Background



This preview shows how black text looks on a background with the RYB color 255, 221, 200.

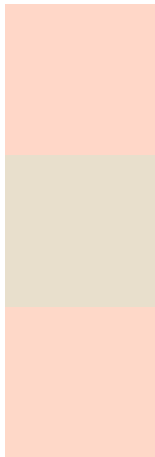


This preview shows how white text looks on a background with the RYB color 255, 221, 200.

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, 221, 200

Protanopia
217, 232, 204

Deuteranopia
254, 223, 200



Tritanopia
255, 212, 227

Trichromacy



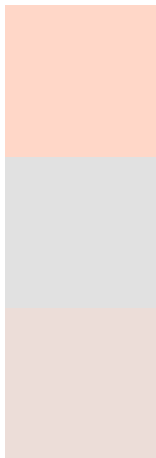
Original Color
255, 221, 200

Protanomaly
240, 234, 203

Deuteranomaly
254, 223, 200

Tritanomaly
255, 213, 217

Monochromacy



Original Color
255, 221, 200

Achromatopsia
225, 225, 225

Achromatomaly
236, 223, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 221, 200 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, 215, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 200)  
}
```

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, 215, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 200) }
```

Border

The CSS property to change the border of an element to RYB 255, 221, 200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

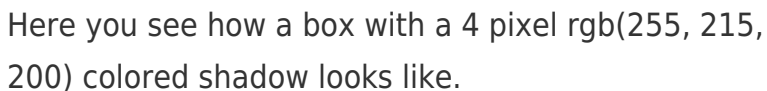
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 215, 200) }
```

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

```
.border{ border-color:rgb(255, 215, 200) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 215, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 255, 215, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 200) }
```

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

```
.background{ background-color: rgb(255,  
215, 200) }
```

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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