

Converting Colors

`RYB(255, 224, 201)`

Have a look what the booklet for
RYB(255, 224, 201) contains.

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Color

R_YB(255, 224, 201)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9C9
RGB	255, 217, 201
RGB Percent	100%, 85%, 79%
CMY	0.0000, 0.1485, 0.2118
CMYK	0.00, 0.15, 0.21, 0.00
HSL	18°, 100%, 89%
HSV	18°, 21%, 100%
XYZ	76.6290, 75.1697, 65.7288
YIQ	226.5380, 27.7840, 3.0800

Conversions

Conversions Part 2

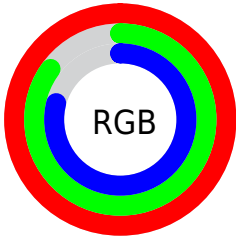
Format	Color
R _Y B	255, 224, 201
Decimal	16767433
CIE Lab	89.47, 10.74, 12.82
CIE LCh	89, 16.722, 50.054
Yxy	75.1697, 0.3523, 0.3456
Android (android.graphics.Color)	4294957513 (0xFFFFD9C9)
YUV	226.5380, -12.5902, 24.9612
Hunter-Lab	86.7005, 6.0388, 15.7418

Details

The RYB color **255, 224, 201** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **201, 223, 255**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 168, 147** is the 20% darker color. If you saturate the color by 10%, you get **255, 208, 176**, and if you desaturate by 10%, it is **255, 238, 227**.

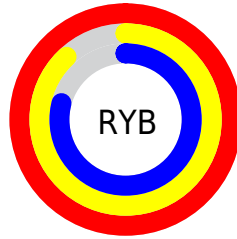
Distribution



Red (100%)

Green (85%)

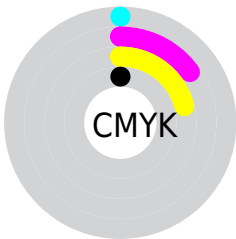
Blue (79%)



Red (100%)

Yellow (88%)

Blue (79%)

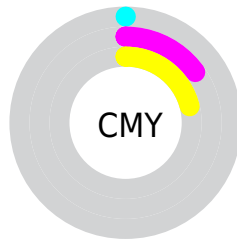


Cyan (0%)

Magenta (15%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 224, 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, 224, 201 by changing the saturation by 10% instead.


 255, 224, 201


255, 255, 255

 255, 224, 201

 226, 195, 174

 198, 168, 147

 170, 143, 121

 143, 118, 96

 117, 91, 73

 92, 69, 50

 67, 47, 29

 44, 31, 4

 19, 0, 0

 255, 224, 201

 255, 224, 201

 255, 208, 176


 255, 238, 227


 255, 194, 150


 255, 254, 252


 255, 180, 124

255, 255, 255

 255, 166, 99

 255, 152, 73

 255, 137, 48

 255, 122, 22

 255, 108, 0

Harmonies

Analogous

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



255, 214, 215



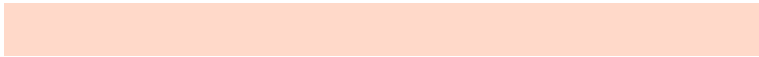
255, 224, 201



231, 243, 194

Triad

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



255, 224, 201



192, 218, 234



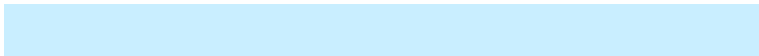
221, 223, 255

Complementary

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



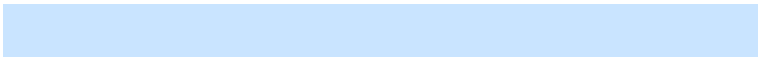
255, 224, 201



201, 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.



201, 219, 255



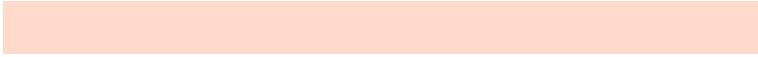
255, 224, 201



184, 209, 235

Square

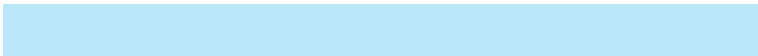
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 224, 201



204, 231, 227



187, 213, 249



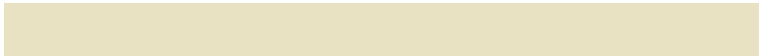
241, 218, 246

Rectangle

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



255, 224, 201



203, 232, 194



187, 213, 249



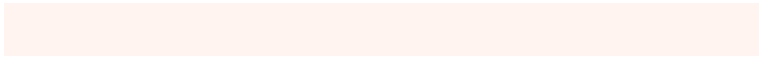
214, 222, 255

Sweetspot

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



255, 224, 201



255, 245, 240



255, 201, 240



128, 122, 119



0, 0, 0



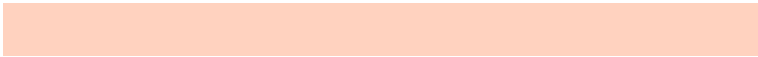
128, 128, 128

Same Dimension

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



255, 224, 201



255, 218, 191



216, 255, 201



128, 121, 115



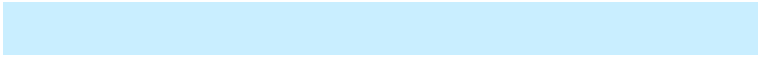
191, 81, 0



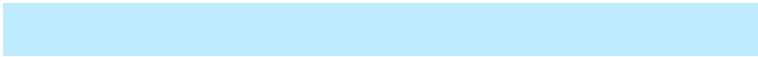
64, 27, 0

Inverse Universe

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



201, 223, 255



191, 217, 255



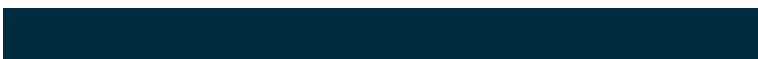
201, 211, 255



115, 120, 128



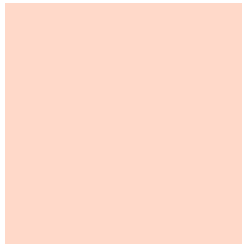
0, 79, 191



0, 26, 64

Previews

White Background



This preview shows how the RYB color 255, 224, 201 looks on a white background.

Color Contrast Check

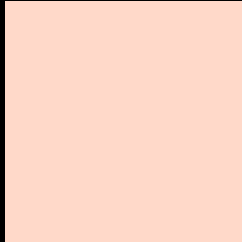
Large Text (above 18pt) WCAG AA × Fail

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, 224, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

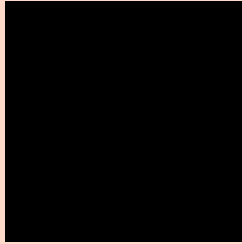
Any Text WCAG AA ✓ Pass

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, 224, 201 Background



This preview shows how black text looks on a background with the RYB color 255, 224, 201.


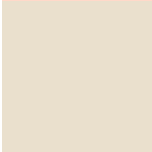
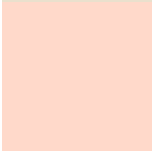


This preview shows how white text looks on a background with the RYB color 255, 224, 201.

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](#).

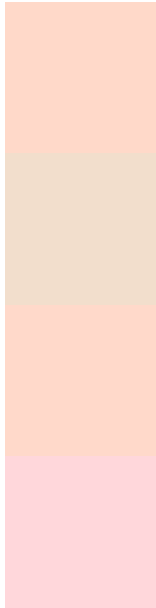
Dichromacy

	Original Color 255, 224, 201
	Protanopia 220, 234, 205
	Deuteranopia 255, 223, 202



Tritanopia
255, 214, 229

Trichromacy



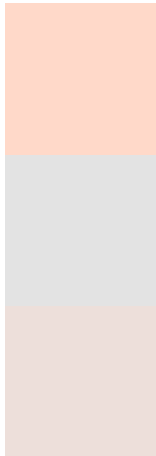
Original Color
255, 224, 201

Protanomaly
242, 238, 204

Deuteranomaly
255, 223, 202

Tritanomaly
255, 215, 219

Monochromacy



Original Color
255, 224, 201

Achromatopsia
227, 227, 227

Achromatomaly
237, 225, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 224, 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, 217, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 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, 217, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 201) }
```

Border

The CSS property to change the border of an element to RYB 255, 224, 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, 217, 201) }
```

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

```
.border{ border-color:rgb(255, 217, 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, 217, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 255, 224, 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, 217, 201) }
```

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

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