

Converting Colors

RGB(255, 205, 198)

Have a look what the booklet for
RGB(255, 205, 198) contains.

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Color

RGB(255, 205, 198)

Conversions

Conversions Part 1

Format	Color
Hex	FFCDC6
RGB	255, 205, 198
RGB Percent	100%, 80%, 78%
CMY	0.0000, 0.1961, 0.2235
CMYK	0.00, 0.20, 0.22, 0.00
HSL	7°, 100%, 89%
HSV	7°, 22%, 100%
XYZ	73.2644, 68.9999, 62.8829
YIQ	219.1520, 32.0470, 8.4230

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 206, 198
Decimal	16764358
CIE Lab	86.50, 16.62, 10.18
CIE LCh	87, 19.487, 31.484
Yxy	68.9999, 0.3571, 0.3363
Android (android.graphics.Color)	4294954438 (0xFFFFCDC6)
YUV	219.1520, -10.4279, 31.4387
Hunter-Lab	83.0662, 12.0713, 13.2625

Details

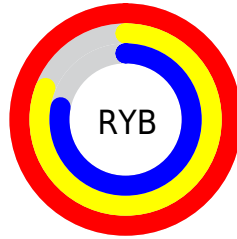
The RGB color **255, 205, 198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **198, 248, 255**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 151, 144** is the 20% darker color. If you saturate the color by 10%, you get **255, 183, 173**, and if you desaturate by 10%, it is **255, 227, 224**.

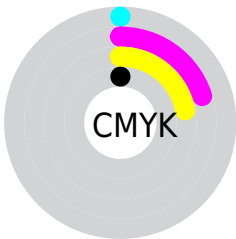
Distribution



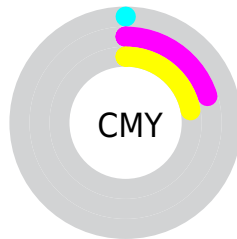
- Red (100%)
- Green (80%)
- Blue (78%)



- Red (100%)
- Yellow (81%)
- Blue (78%)



- Cyan (0%)
- Magenta (20%)
- Yellow (22%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the RGB color 255, 205, 198 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 RGB color 255, 205, 198 by changing the saturation by 10% instead.

 255, 205, 198


 255, 205, 198


255, 255, 255

 226, 177, 171


255, 255, 255

 198, 151, 144

 170, 125, 119

 143, 100, 94

 116, 75, 70

 91, 52, 48

 66, 31, 27

 44, 9, 0

 4, 0, 0

255, 205, 198

255, 205, 198

255, 183, 173

255, 227, 224

255, 160, 147

255, 250, 249

255, 138, 122

255, 255, 255

255, 116, 96

255, 93, 71

255, 71, 45

255, 48, 20

255, 31, 0

Harmonies

Analogous

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



254, 204, 216



255, 205, 198



246, 209, 185

Triad

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



255, 205, 198



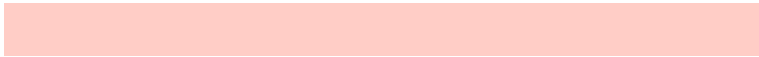
189, 225, 198



197, 218, 253

Complementary

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



255, 205, 198



198, 248, 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.



177, 223, 248



255, 205, 198



173, 227, 217

Square

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



255, 205, 198



210, 221, 185



168, 227, 235



221, 211, 248

Rectangle

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



255, 205, 198



236, 213, 180



168, 227, 235



190, 220, 253

Sweetspot

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



255, 205, 198



255, 239, 237



255, 198, 248



128, 119, 117



0, 0, 0



128, 128, 128

Same Dimension

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



255, 205, 198



255, 195, 186



255, 233, 198



128, 116, 115



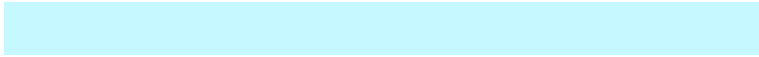
191, 23, 0



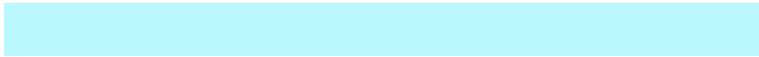
64, 8, 0

Inverse Universe

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



198, 248, 255



186, 247, 255



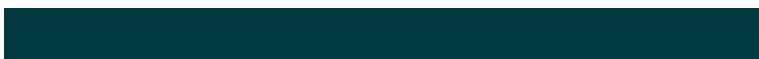
198, 220, 255



115, 126, 128



0, 168, 191



0, 56, 64

Previews

White Background



This preview shows how the RGB color 255, 205, 198 looks on a white background.

Color Contrast Check

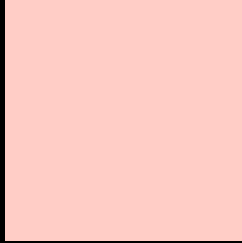
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 255, 205, 198 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](#).

RGB 255, 205, 198 Background



This preview shows how black text looks on a background with the RGB color 255, 205, 198.

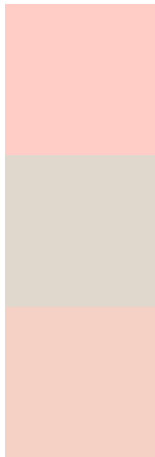


This preview shows how white text looks on a background with the RGB color 255, 205, 198.

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, 198

Protanopia
224, 216, 204

Deuteranopia
245, 209, 197



Tritanopia

255, 203, 218

Trichromacy



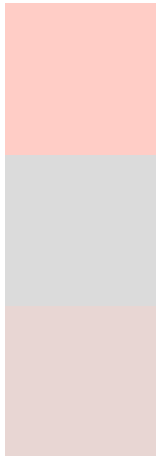
Original Color
255, 205, 198

Protanomaly
235, 212, 202

Deuteranomaly
249, 208, 197

Tritanomaly
255, 204, 211

Monochromacy



Original Color
255, 205, 198

Achromatopsia
219, 219, 219

Achromatomaly
232, 214, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 205, 198 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 198) }
```

Border

The CSS property to change the border of an element to RGB 255, 205, 198 is called "border". The border property can be set on classes, ids or directly on the HTML element.

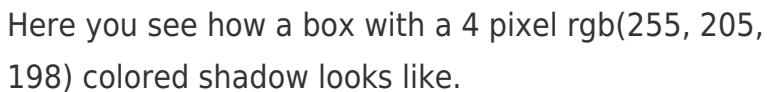
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 205, 198) }
```

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

```
.border{ border-color:rgb(255, 205, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 205, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 205, 198); box-shadow:4px 4px 4px 4px rgb(255, 205, 198) }
```

Background

The CSS property to change the background color of an element to RGB 255, 205, 198 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, 198) }
```

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

```
.background{ background-color: rgb(255,  
205, 198) }
```

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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