

Converting Colors

`RYB(255, 220, 206)`

Have a look what the booklet for
RYB(255, 220, 206) contains.

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Color

R_YB(255, 220, 206)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9CE
RGB	255, 217, 206
RGB Percent	100%, 85%, 81%
CMY	0.0000, 0.1495, 0.1922
CMYK	0.00, 0.15, 0.19, 0.00
HSL	13°, 100%, 90%
HSV	13°, 19%, 100%
XYZ	77.1648, 75.2847, 68.8569
YIQ	227.1080, 26.1790, 4.6350

Conversions

Conversions Part 2

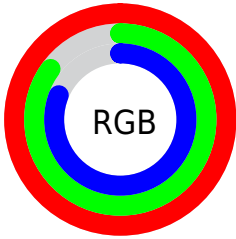
Format	Color
R _Y B	255, 220, 206
Decimal	16767438
CIE Lab	89.53, 11.59, 10.27
CIE LCh	90, 15.485, 41.558
Yxy	75.2847, 0.3487, 0.3402
Android (android.graphics.Color)	4294957518 (0xFFFFD9CE)
YUV	227.1080, -10.4062, 24.4613
Hunter-Lab	86.7667, 6.9047, 13.6850

Details

The RYB color **255, 220, 206** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **206, 227, 255**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 165, 152** is the 20% darker color. If you saturate the color by 10%, you get **255, 202, 180**, and if you desaturate by 10%, it is **255, 238, 232**.

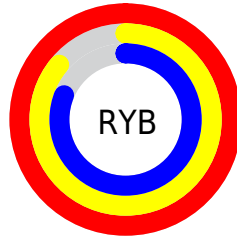
Distribution



Red (100%)

Green (85%)

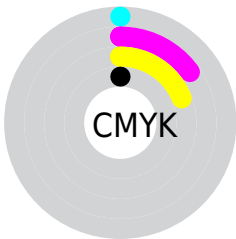
Blue (81%)



Red (100%)

Yellow (86%)

Blue (81%)

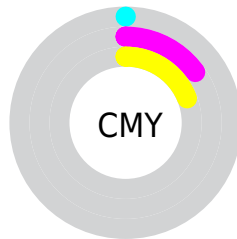


Cyan (0%)

Magenta (15%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 220, 206 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, 220, 206 by changing the saturation by 10% instead.


 255, 220, 206

255, 255, 255

 255, 220, 206

 226, 192, 179


 198, 165, 152

 170, 139, 126

 143, 112, 101

 117, 89, 77

 92, 66, 54

 68, 43, 33

 45, 24, 10

 21, 0, 0

■ 255, 220, 206

■ 255, 220, 206

■ 255, 202, 180

■ 255, 238, 232

■ 255, 183, 155

255, 255, 255

■ 255, 164, 130

■ 255, 148, 104

■ 255, 129, 79

■ 255, 111, 53

■ 255, 93, 27

■ 255, 74, 2

■ 255, 73, 0

Harmonies

Analogous

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



255, 215, 220



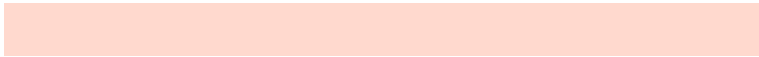
255, 220, 206



246, 244, 197

Triad

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



255, 220, 206



198, 222, 233



216, 223, 254

Complementary

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



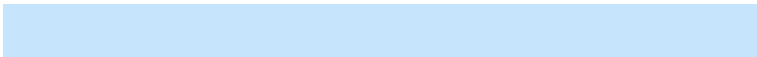
255, 220, 206



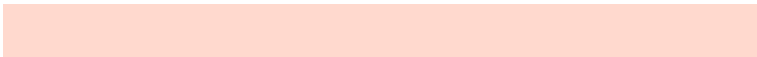
206, 227, 255

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.



199, 218, 253



255, 220, 206



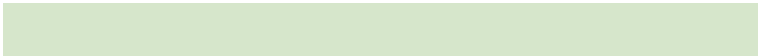
189, 213, 234

Square

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



255, 220, 206



203, 230, 219



189, 213, 244



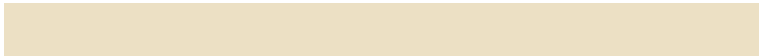
235, 219, 247

Rectangle

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



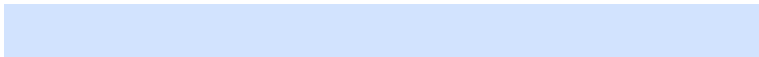
255, 220, 206



213, 236, 196



189, 213, 244



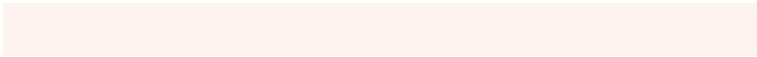
210, 222, 254

Sweetspot

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



255, 220, 206



255, 244, 240



255, 206, 244



128, 122, 119



0, 0, 0



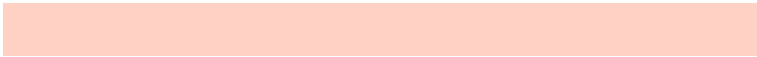
128, 128, 128

Same Dimension

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



255, 220, 206



255, 213, 196



226, 255, 206



128, 119, 115



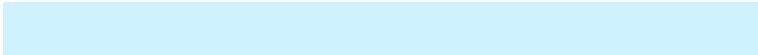
191, 55, 0



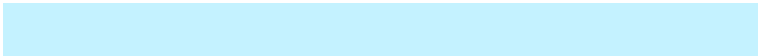
64, 18, 0

Inverse Universe

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



206, 227, 255



196, 222, 255



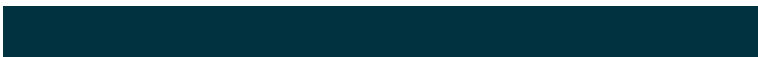
206, 217, 255



115, 121, 128



0, 84, 191



0, 28, 64

Previews

White Background



This preview shows how the RYB color 255, 220, 206 looks on a white background.

Color Contrast Check

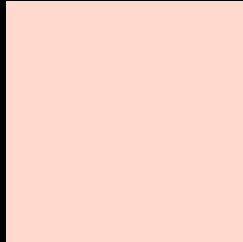
Large Text (above 18pt) WCAG AA × Fail

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, 220, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

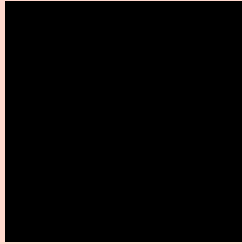
Any Text WCAG AA ✓ Pass

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, 220, 206 Background



This preview shows how black text looks on a background with the R/Y/B color 255, 220, 206.

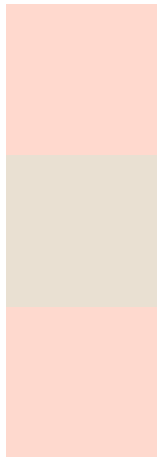


This preview shows how white text looks on a background with the R/Y/B color 255, 220, 206.

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, 220, 206

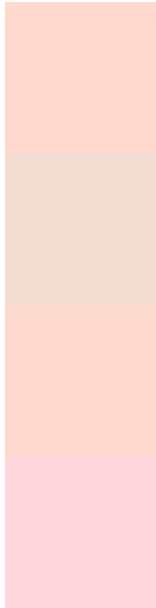
Protanopia
225, 233, 210

Deuteranopia
254, 220, 206



Tritanopia
255, 214, 229

Trichromacy



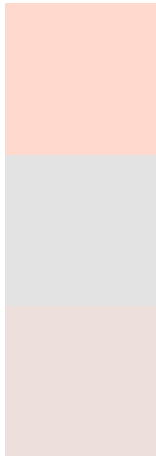
Original Color
255, 220, 206

Protanomaly
241, 228, 209

Deuteranomaly
254, 220, 206

Tritanomaly
255, 215, 221

Monochromacy



Original Color
255, 220, 206

Achromatopsia
227, 227, 227

Achromatomaly
237, 224, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 220, 206 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, 206) looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 206) }
```

Border

The CSS property to change the border of an element to RYB 255, 220, 206 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, 206) }
```

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

```
.border{ border-color:rgb(255, 217, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
206) }
```

Background

The CSS property to change the background color of an element to RYB 255, 220, 206 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, 206) }
```

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

```
.background{ background-color: rgb(255,  
217, 206) }
```

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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