

Converting Colors

RGB(255, 221, 213)

Have a look what the booklet for
RGB(255, 221, 213) contains.

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Color

RGB(255, 221, 213)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDD5
RGB	255, 221, 213
RGB Percent	100%, 87%, 84%
CMY	0.0000, 0.1333, 0.1647
CMYK	0.00, 0.13, 0.16, 0.00
HSL	11°, 100%, 92%
HSV	11°, 16%, 100%
XYZ	79.1067, 77.7770, 73.7939
YIQ	230.2540, 22.8320, 4.7200

Conversions

Conversions Part 2

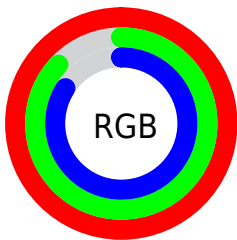
Format	Color
R _Y B	255, 223, 213
Decimal	16768469
CIE Lab	90.68, 10.50, 8.25
CIE LCh	91, 13.355, 38.150
Yxy	77.7770, 0.3429, 0.3372
Android (android.graphics.Color)	4294958549 (0xFFFFDDD5)
YUV	230.2540, -8.5062, 21.7022
Hunter-Lab	88.1913, 5.7780, 12.1231

Details

The RGB color **255, 221, 213** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **213, 247, 255**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 166, 158** is the 20% darker color. If you saturate the color by 10%, you get **255, 200, 188**, and if you desaturate by 10%, it is **255, 242, 239**.

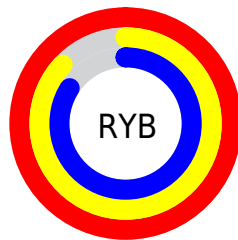
Distribution



Red (100%)

Green (87%)

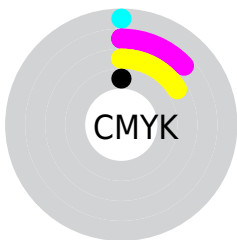
Blue (84%)



Red (100%)

Yellow (87%)

Blue (84%)

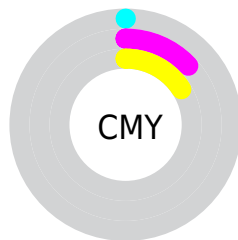


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RGB color 255, 221, 213 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, 221, 213 by changing the saturation by 10% instead.


 255, 221, 213


255, 255, 255

 255, 221, 213


 226, 193, 185


 198, 166, 158


 170, 140, 132

 144, 114, 107

 118, 89, 83

 92, 66, 60

 68, 44, 38

 45, 23, 18

 25, 0, 0

255, 221, 213

255, 221, 213

255, 200, 188

255, 242, 239

255, 180, 162

255, 255, 255

255, 159, 137

255, 138, 111

255, 118, 86

255, 97, 60

255, 76, 34

255, 56, 9

255, 49, 0

Harmonies

Analogous

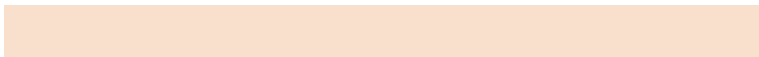
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 220, 225



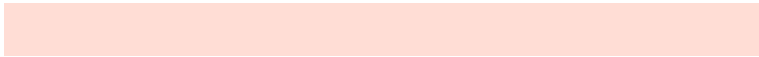
255, 221, 213



248, 224, 205

Triad

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



255, 221, 213



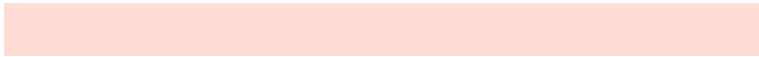
207, 235, 218



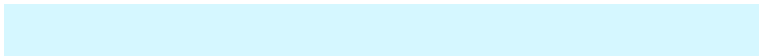
219, 228, 253

Complementary

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



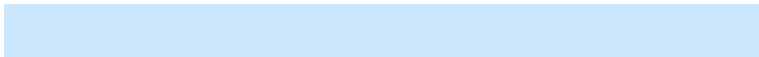
255, 221, 213



213, 247, 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.



205, 232, 252



255, 221, 213



198, 236, 231

Square

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



255, 221, 213



221, 232, 208



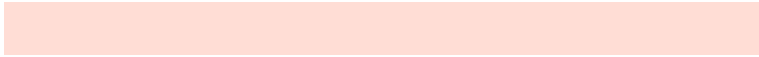
197, 235, 244



235, 224, 248

Rectangle

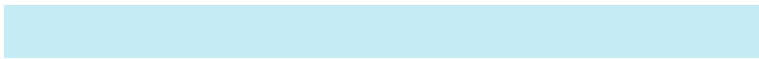
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



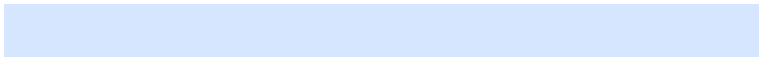
255, 221, 213



240, 227, 203



197, 235, 244



214, 230, 254

Sweetspot

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



255, 221, 213



255, 245, 242



255, 213, 247



128, 121, 120



0, 0, 0



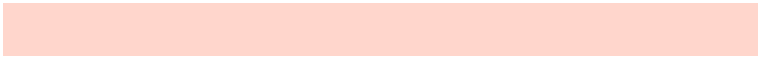
128, 128, 128

Same Dimension

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



255, 221, 213



255, 214, 204



255, 242, 213



128, 117, 115



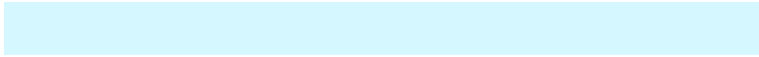
191, 36, 0



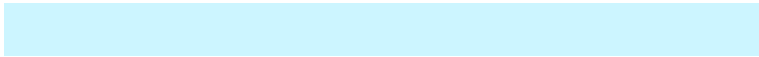
64, 12, 0

Inverse Universe

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



213, 247, 255



204, 245, 255



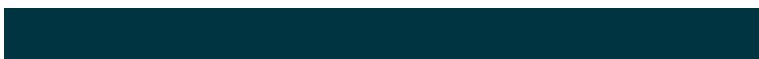
213, 226, 255



115, 125, 128



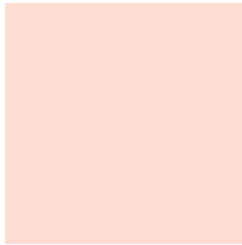
0, 155, 191



0, 52, 64

Previews

White Background



This preview shows how the RGB color 255, 221, 213 looks on a white background.

Color Contrast Check

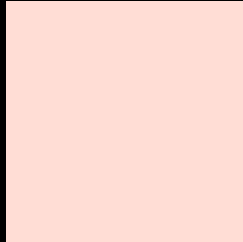
Large Text (above 18pt) WCAG AA × Fail

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, 221, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

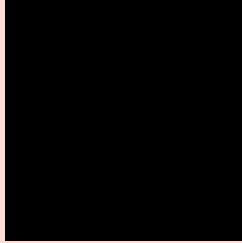
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

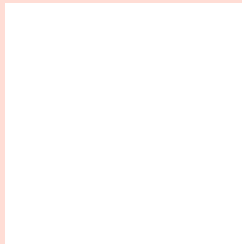
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 255, 221, 213 Background



This preview shows how black text looks on a background with the RGB color 255, 221, 213.

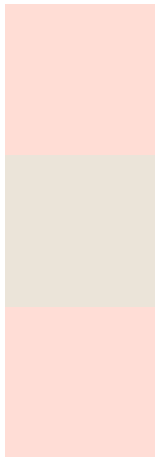


This preview shows how white text looks on a background with the RGB color 255, 221, 213.

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, 213

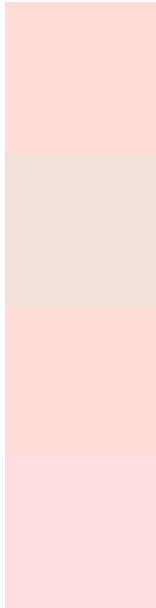
Protanopia
235, 228, 217

Deuteranopia
255, 221, 214



Tritanopia
255, 219, 234

Trichromacy



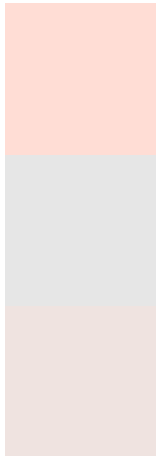
Original Color
255, 221, 213

Protanomaly
242, 225, 216

Deuteranomaly
255, 221, 214

Tritanomaly
255, 220, 226

Monochromacy



Original Color
255, 221, 213

Achromatopsia
230, 230, 230

Achromatomaly
239, 227, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 221, 213 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, 221, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 213)  
}
```

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, 221, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 213) }
```

Border

The CSS property to change the border of an element to RGB 255, 221, 213 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, 221, 213) }
```

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

```
.border{ border-color:rgb(255, 221, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 255, 221, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 213) }
```

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

```
.background{ background-color: rgb(255,  
221, 213) }
```

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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