

Converting Colors

RGB(255, 229, 216)

Have a look what the booklet for
RGB(255, 229, 216) contains.

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Color

RGB(255, 229, 216)

Conversions

Conversions Part 1

Format	Color
Hex	FFE5D8
RGB	255, 229, 216
RGB Percent	100%, 90%, 85%
CMY	0.0000, 0.1020, 0.1529
CMYK	0.00, 0.10, 0.15, 0.00
HSL	20°, 100%, 92%
HSV	20°, 15%, 100%
XYZ	81.6540, 82.2565, 76.5392
YIQ	235.2920, 19.6690, 1.4690

Conversions

Conversions Part 2

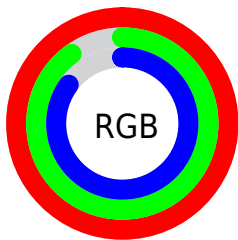
Format	Color
R _Y B	255, 236, 216
Decimal	16770520
CIE Lab	92.69, 6.83, 9.56
CIE LCh	93, 11.754, 54.449
Yxy	82.2565, 0.3396, 0.3421
Android (android.graphics.Color)	4294960600 (0xFFFFE5D8)
YUV	235.2920, -9.5110, 17.2839
Hunter-Lab	90.6954, 1.9885, 13.4510

Details

The RGB color **255, 229, 216** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **216, 242, 255**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 174, 161** is the 20% darker color. If you saturate the color by 10%, you get **255, 212, 191**, and if you desaturate by 10%, it is **255, 246, 242**.

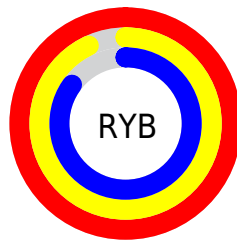
Distribution



Red (100%)

Green (90%)

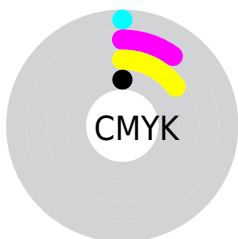
Blue (85%)



Red (100%)

Yellow (93%)

Blue (85%)

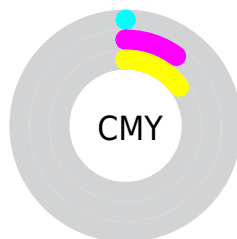


Cyan (0%)

Magenta (10%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 229, 216 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, 229, 216 by changing the saturation by 10% instead.


 255, 229, 216

255, 255, 255

 255, 229, 216


 226, 201, 188

 198, 174, 161

 171, 147, 135

 144, 121, 110

 118, 96, 85

 93, 73, 62

 69, 50, 40

 46, 29, 20

 25, 4, 0

255, 229, 216

255, 229, 216

255, 212, 191

255, 246, 242

255, 195, 165

255, 255, 255

255, 178, 140

255, 161, 114

255, 144, 89

255, 127, 63

255, 110, 37

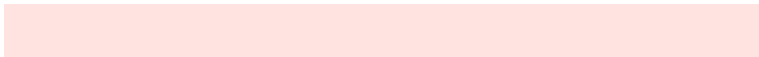
255, 93, 12

255, 85, 0

Harmonies

Analogous

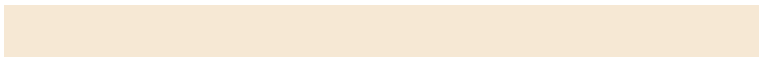
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 227, 225



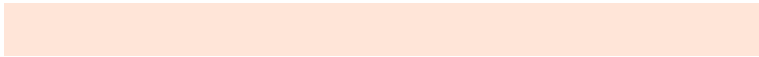
255, 229, 216



246, 232, 212

Triad

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



255, 229, 216



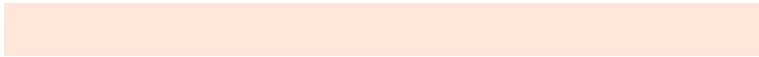
210, 241, 231



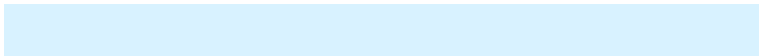
234, 232, 254

Complementary

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



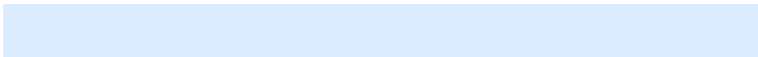
255, 229, 216



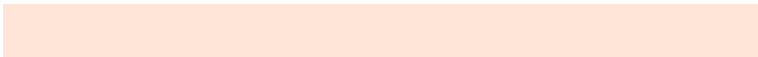
216, 242, 255

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.



220, 236, 255



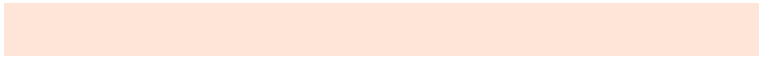
255, 229, 216



206, 241, 243

Square

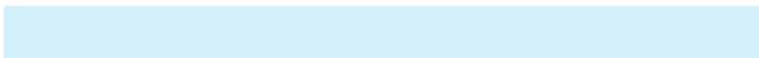
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 229, 216



220, 239, 221



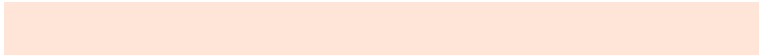
210, 239, 252



247, 228, 247

Rectangle

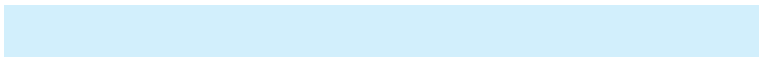
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 229, 216



238, 235, 212



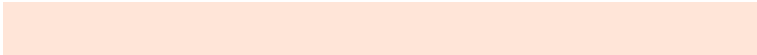
210, 239, 252



229, 233, 255

Sweetspot

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



255, 229, 216



255, 247, 242



255, 216, 242



128, 122, 120



0, 0, 0



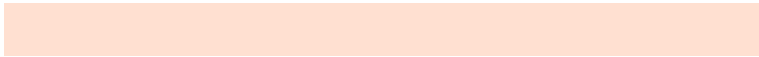
128, 128, 128

Same Dimension

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



255, 229, 216



255, 224, 209



255, 249, 216



128, 119, 115



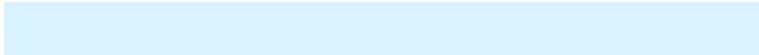
191, 64, 0



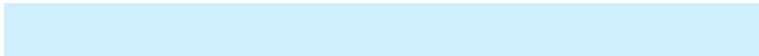
64, 21, 0

Inverse Universe

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



216, 242, 255



209, 240, 255



216, 223, 255



115, 123, 128



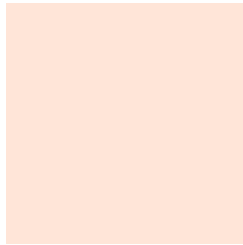
0, 127, 191



0, 42, 64

Previews

White Background



This preview shows how the RGB color 255, 229, 216 looks on a white background.

Color Contrast Check

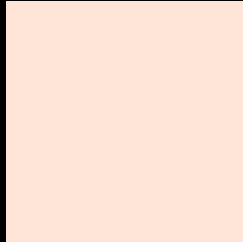
Large Text (above 18pt) WCAG AA × Fail

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, 229, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

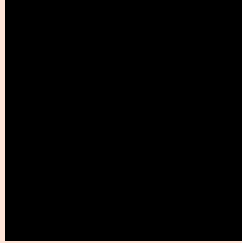
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

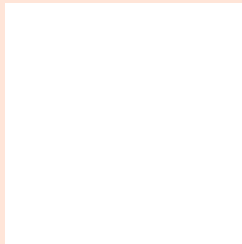
Any Text WCAG AAA ✓ Pass

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

RGB 255, 229, 216 Background



This preview shows how black text looks on a background with the RGB color 255, 229, 216.

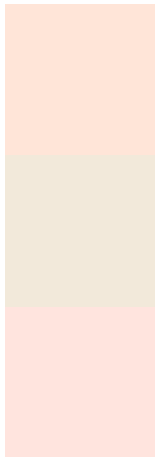


This preview shows how white text looks on a background with the RGB color 255, 229, 216.

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, 229, 216

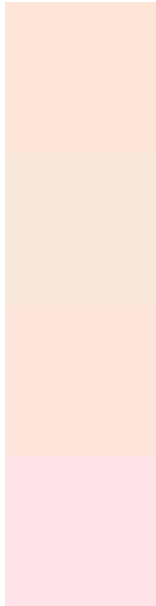
Protanopia
242, 233, 218

Deuteranopia
255, 228, 222



Tritanopia
255, 226, 241

Trichromacy



Original Color

255, 229, 216

Protanomaly

247, 232, 217

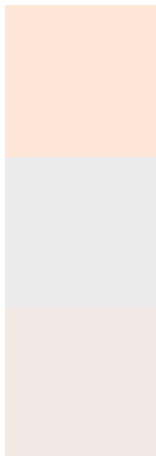
Deuteranomaly

255, 228, 220

Tritanomaly

255, 227, 232

Monochromacy



Original Color

255, 229, 216

Achromatopsia

235, 235, 235

Achromatomaly

242, 233, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 229, 216 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, 229, 216) looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 216)  
}
```

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, 229, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 216) }
```

Border

The CSS property to change the border of an element to RGB 255, 229, 216 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, 229, 216) }
```

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

```
.border{ border-color:rgb(255, 229, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 229, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 229, 216); box-shadow:4px 4px 4px 4px rgb(255, 229, 216) }
```

Background

The CSS property to change the background color of an element to RGB 255, 229, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 216) }
```

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

```
.background{ background-color: rgb(255,  
229, 216) }
```

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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