

Converting Colors

`RYB(255, 229, 216)`

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

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Color

R_YB(255, 229, 216)

Conversions

Conversions Part 1

Format	Color
Hex	FFE2D8
RGB	255, 226, 216
RGB Percent	100%, 89%, 85%
CMY	0.0000, 0.1147, 0.1529
CMYK	0.00, 0.11, 0.15, 0.00
HSL	15°, 100%, 92%
HSV	15°, 15%, 100%
XYZ	80.7631, 80.4747, 76.2422
YIQ	233.5310, 20.4940, 3.0380

Conversions

Conversions Part 2

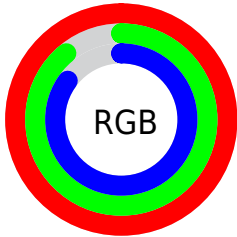
Format	Color
R _Y B	255, 229, 216
Decimal	16769752
CIE Lab	91.90, 8.51, 8.43
CIE LCh	92, 11.976, 44.743
Yxy	80.4747, 0.3401, 0.3389
Android (android.graphics.Color)	4294959832 (0xFFFFE2D8)
YUV	233.5310, -8.6428, 18.8283
Hunter-Lab	89.7077, 3.7136, 12.4050

Details

The RYB color **255, 229, 216** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **216, 233, 255**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 175, 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**.

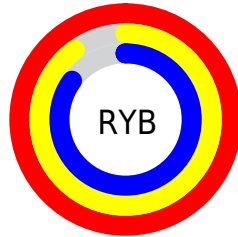
Distribution



Red (100%)

Green (89%)

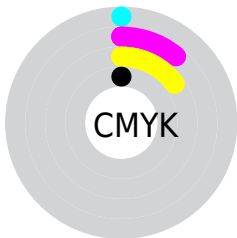
Blue (85%)



Red (100%)

Yellow (90%)

Blue (85%)

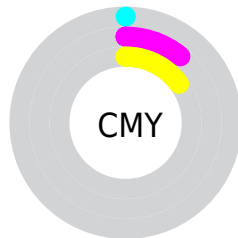


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (15%)

Brightness & Saturation Gradients

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


 255, 229, 216

255, 255, 255

 255, 229, 216


 226, 202, 188

 198, 173, 161

 170, 147, 135

 144, 120, 110

 118, 97, 85

 93, 73, 62

 69, 51, 40

 46, 30, 20

 25, 0, 0

255, 229, 216

255, 229, 216

255, 212, 191

255, 246, 242

255, 194, 165

255, 255, 255

255, 177, 140

255, 161, 114

255, 143, 89

255, 127, 63

255, 111, 37

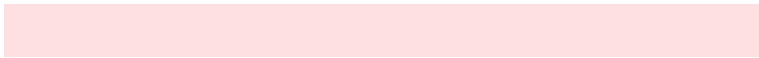
255, 93, 12

255, 85, 0

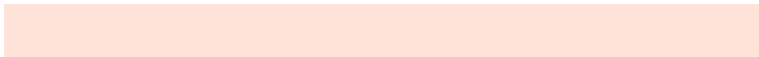
Harmonies

Analogous

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



255, 224, 226



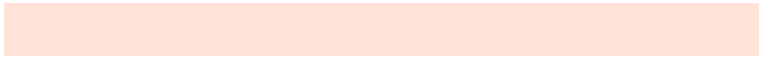
255, 229, 216



245, 247, 210

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



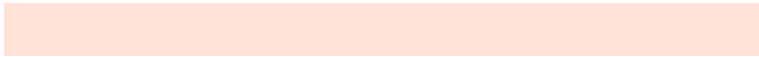
210, 228, 238



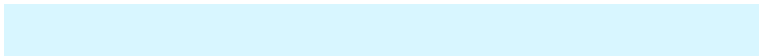
227, 230, 254

Complementary

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



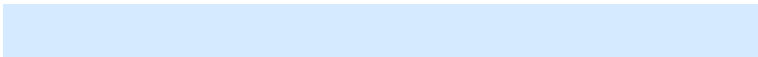
255, 229, 216



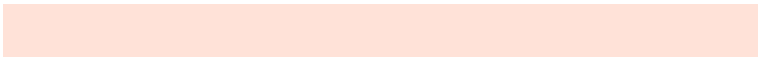
216, 233, 255

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.



213, 227, 254



255, 229, 216



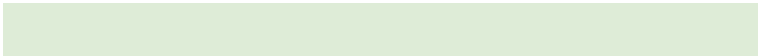
204, 222, 239

Square

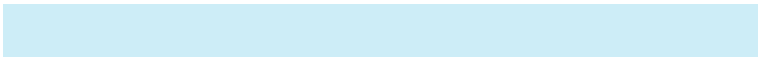
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 229, 216



215, 236, 229



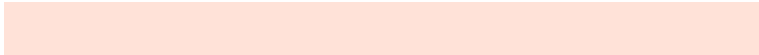
205, 223, 247



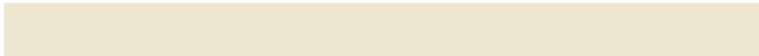
241, 227, 248

Rectangle

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



255, 229, 216



222, 240, 209



205, 223, 247



222, 230, 254

Sweetspot

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



255, 229, 216



255, 246, 242



255, 216, 245



128, 123, 120



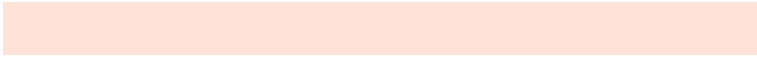
0, 0, 0



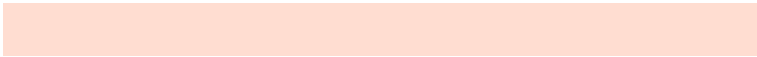
128, 128, 128

Same Dimension

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



255, 229, 216



255, 225, 209



229, 255, 216



128, 119, 115



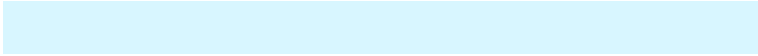
191, 64, 0



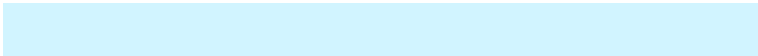
64, 21, 0

Inverse Universe

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



216, 233, 255



209, 229, 255



216, 224, 255



115, 120, 128



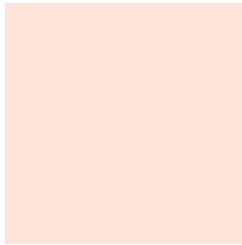
0, 82, 191



0, 27, 64

Previews

White Background



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

Color Contrast Check

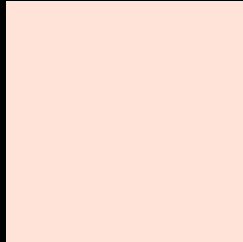
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

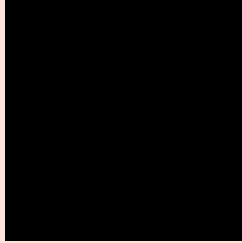
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

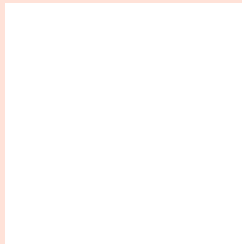
Any Text WCAG AAA ✓ Pass

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

RYB 255, 229, 216 Background



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

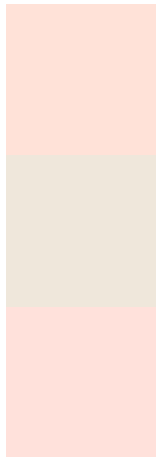


This preview shows how white text looks on a background with the RYB color 255, 229, 216.

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

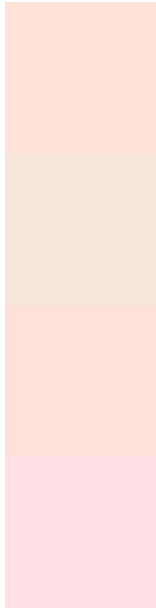
Protanopia
232, 239, 219

Deuteranopia
255, 226, 219



Tritanopia
255, 223, 239

Trichromacy



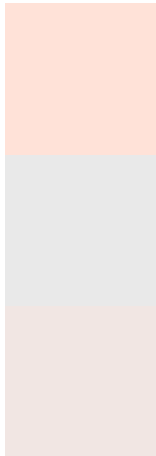
Original Color
255, 229, 216

Protanomaly
245, 237, 218

Deuteranomaly
255, 227, 218

Tritanomaly
255, 224, 231

Monochromacy



Original Color
255, 229, 216

Achromatopsia
233, 233, 233

Achromatomaly
241, 231, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 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, 226, 216) looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 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, 226, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 216) }
```

Border

The CSS property to change the border of an element to RYB 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, 226, 216) }
```

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

```
.border{ border-color:rgb(255, 226, 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, 226, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
216) }
```

Background

The CSS property to change the background color of an element to RYB 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, 226, 216) }
```

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

```
.background{ background-color: rgb(255,  
226, 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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