

Converting Colors

RGB(253, 227, 216)

Have a look what the booklet for
RGB(253, 227, 216) contains.

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Color

RGB(253, 227, 216)

Conversions

Conversions Part 1

Format	Color
Hex	FDE3D8
RGB	253, 227, 216
RGB Percent	99%, 89%, 85%
CMY	0.0078, 0.1098, 0.1529
CMYK	0.00, 0.10, 0.15, 0.01
HSL	18°, 90%, 92%
HSV	18°, 15%, 99%
XYZ	80.3718, 80.7787, 76.3215
YIQ	233.5200, 19.0270, 2.0910

Conversions

Conversions Part 2

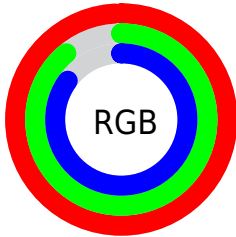
Format	Color
R _Y B	253, 232, 216
Decimal	16638936
CIE Lab	92.03, 7.16, 8.60
CIE LCh	92, 11.190, 50.248
Yxy	80.7787, 0.3384, 0.3402
Android (android.graphics.Color)	4294829016 (0xFFFDE3D8)
YUV	233.5200, -8.6374, 17.0840
Hunter-Lab	89.8770, 2.3375, 12.5661

Details

The RGB color **253, 227, 216** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **216, 242, 253**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 255**, and **196, 172, 161** is the 20% darker color. If you saturate the color by 10%, you get **253, 209, 191**, and if you desaturate by 10%, it is **253, 245, 241**.

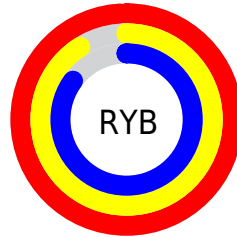
Distribution



Red (99%)

Green (89%)

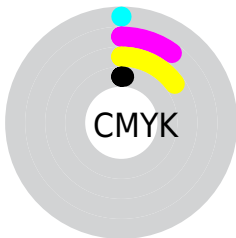
Blue (85%)



Red (99%)

Yellow (91%)

Blue (85%)

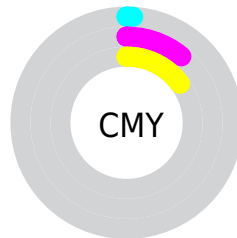


Cyan (0%)

Magenta (10%)

Yellow (15%)

Black (1%)



Cyan (1%)

Magenta (11%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the RGB color 253, 227, 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 253, 227, 216 by changing the saturation by 10% instead.

 253, 227, 216


255, 255, 255

 253, 227, 216


 224, 199, 188

 196, 172, 161

 169, 145, 135

 142, 119, 110

 116, 95, 85

 91, 71, 62

 67, 49, 40

 45, 28, 20

 24, 2, 0

253, 227, 216

253, 227, 216

253, 209, 191

253, 245, 241

253, 191, 165

253, 255, 255

253, 174, 140

253, 156, 115

253, 138, 90

253, 120, 64

253, 103, 39

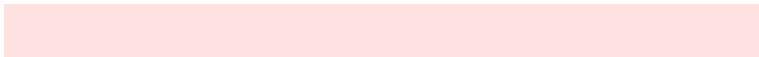
253, 85, 14

253, 75, 0

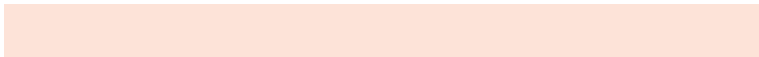
Harmonies

Analogous

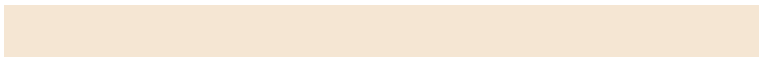
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 225, 225



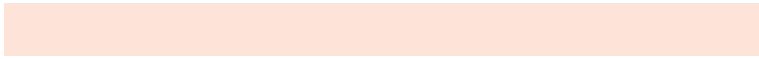
253, 227, 216



245, 230, 211

Triad

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



253, 227, 216



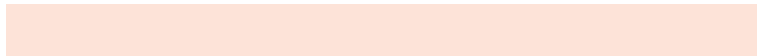
211, 238, 228



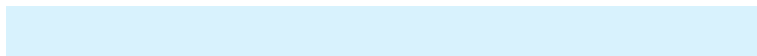
230, 231, 252

Complementary

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



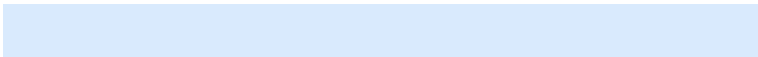
253, 227, 216



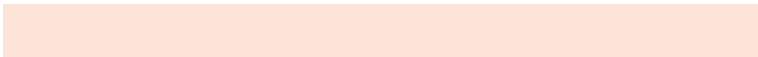
216, 242, 253

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.



217, 234, 253



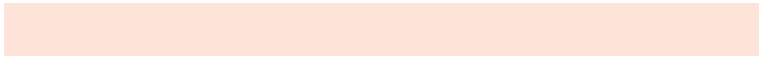
253, 227, 216



206, 239, 239

Square

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



253, 227, 216



221, 237, 218



208, 237, 248



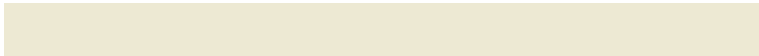
243, 227, 246

Rectangle

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



253, 227, 216



237, 233, 211



208, 237, 248



226, 232, 253

Sweetspot

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



253, 227, 216



255, 248, 245



253, 216, 243



128, 123, 121



0, 0, 0



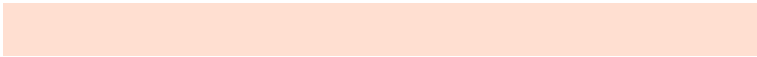
128, 128, 128

Same Dimension

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



253, 227, 216



255, 223, 209



253, 245, 216



128, 119, 115



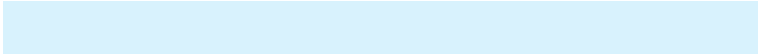
191, 57, 0



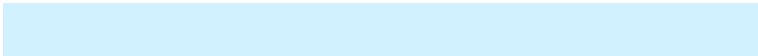
64, 19, 0

Inverse Universe

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



216, 242, 253



209, 241, 255



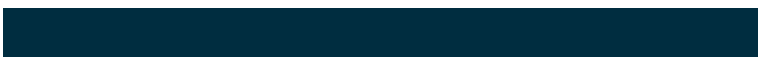
216, 224, 253



115, 124, 128



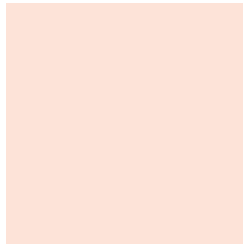
0, 134, 191



0, 45, 64

Previews

White Background



This preview shows how the RGB color 253, 227, 216 looks on a white background.

Color Contrast Check

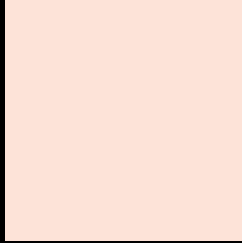
Large Text (above 18pt) WCAG AA × Fail

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 253, 227, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

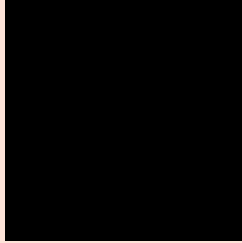
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

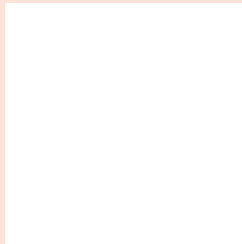
Any Text WCAG AAA ✓ Pass

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

RGB 253, 227, 216 Background



This preview shows how black text looks on a background with the RGB color 253, 227, 216.

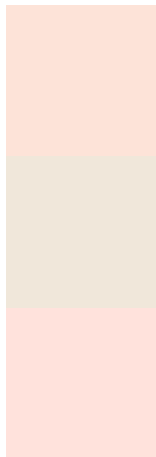


This preview shows how white text looks on a background with the RGB color 253, 227, 216.

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](#).

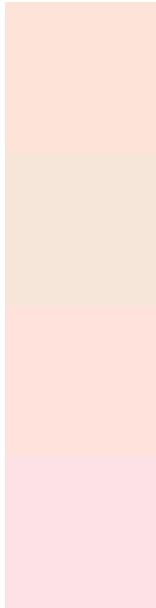
Dichromacy

	Original Color 253, 227, 216
	Protanopia 240, 231, 218
	Deuteranopia 255, 226, 220



Tritanopia
255, 224, 240

Trichromacy



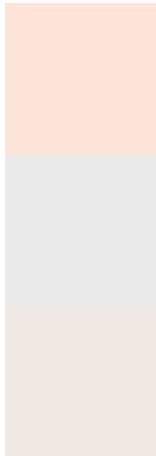
Original Color
253, 227, 216

Protanomaly
245, 230, 217

Deuteranomaly
254, 226, 219

Tritanomaly
254, 225, 231

Monochromacy



Original Color
253, 227, 216

Achromatopsia
234, 234, 234

Achromatomaly
241, 231, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 227, 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(253, 227, 216) looks like.

```
.text, #text, p{  
    color:rgb(253, 227, 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(253, 227, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 227, 216) }
```

Border

The CSS property to change the border of an element to RGB 253, 227, 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(253, 227, 216) }
```

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

```
.border{ border-color:rgb(253, 227, 216) }
```

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

Here you see how a box with a 4 pixel rgb(253, 227, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 227, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 227, 216);  
box-shadow:4px 4px 4px 4px rgb(253, 227,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 253, 227, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 227, 216) }
```

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

```
.background{ background-color: rgb(253,  
227, 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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