

Converting Colors

RGB(245, 206, 196)

Have a look what the booklet for
RGB(245, 206, 196) contains.

RGB(245, 206, 196)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(245, 206, 196)

Conversions

Conversions Part 1

Format	Color
Hex	F5CEC4
RGB	245, 206, 196
RGB Percent	96%, 81%, 77%
CMY	0.0392, 0.1922, 0.2314
CMYK	0.00, 0.16, 0.20, 0.04
HSL	12°, 71%, 86%
HSV	12°, 20%, 96%
XYZ	69.6913, 67.5406, 61.5881
YIQ	216.5210, 26.4540, 5.1580

Conversions

Conversions Part 2

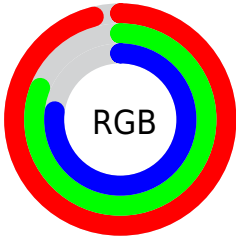
Format	Color
R _Y B	245, 209, 196
Decimal	16109252
CIE Lab	85.78, 12.18, 10.07
CIE LCh	86, 15.805, 39.598
Yxy	67.5406, 0.3505, 0.3397
Android (android.graphics.Color)	4294299332 (0xFFFF5CEC4)
YUV	216.5210, -10.1169, 24.9761
Hunter-Lab	82.1831, 7.5477, 13.0962

Details

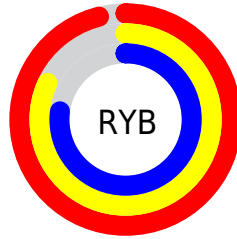
The RGB color **245, 206, 196** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **196, 235, 245**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 253**, and **188, 152, 142** is the 20% darker color. If you saturate the color by 10%, you get **245, 187, 171**, and if you desaturate by 10%, it is **245, 226, 221**.

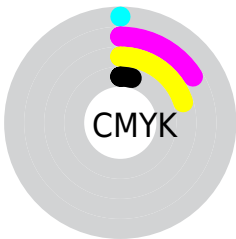
Distribution



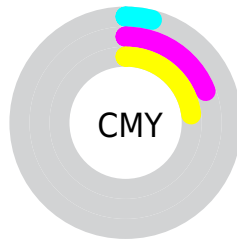
- Red (96%)
- Green (81%)
- Blue (77%)



- Red (96%)
- Yellow (82%)
- Blue (77%)



- Cyan (0%)
- Magenta (16%)
- Yellow (20%)
- Black (4%)



- Cyan (4%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 206, 196 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 245, 206, 196 by changing the saturation by 10% instead.

 245, 206, 196


255, 255, 255

255, 255, 253

 245, 206, 196


 216, 178, 169

 188, 152, 142

 161, 126, 117

 134, 101, 92

 108, 77, 69

 83, 54, 46

 59, 32, 26

 38, 11, 0

 0, 0, 0

 245, 206, 196

 245, 206, 196

 245, 187, 171


 245, 226, 221


 245, 167, 147

 245, 245, 245

 245, 147, 123

 245, 255, 255

 245, 128, 98

 245, 108, 74

 245, 89, 49

 245, 69, 24

 245, 50, 0

Harmonies

Analogous

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



246, 204, 210



245, 206, 196



236, 210, 187

Triad

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



245, 206, 196



188, 222, 204



204, 214, 244

Complementary

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



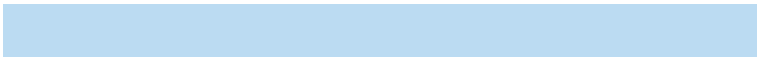
245, 206, 196



196, 235, 245

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.



187, 219, 242



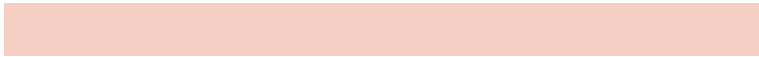
245, 206, 196



178, 223, 219

Square

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



245, 206, 196



204, 219, 191



177, 222, 233



223, 209, 238

Rectangle

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



245, 206, 196



227, 213, 185



177, 222, 233



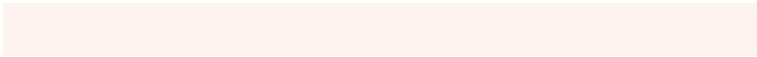
198, 216, 244

Sweetspot

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



245, 206, 196



255, 243, 240



245, 196, 235



128, 120, 119



0, 0, 0



128, 128, 128

Same Dimension

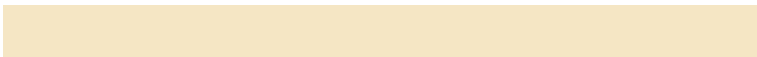
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245, 206, 196



255, 206, 194



245, 230, 196



122, 113, 110



186, 38, 0



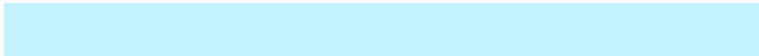
59, 12, 0

Inverse Universe

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



196, 235, 245



194, 243, 255



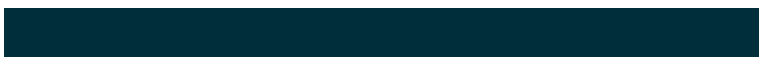
196, 211, 245



110, 120, 122



0, 148, 186



0, 47, 59

Previews

White Background



This preview shows how the RGB color 245, 206, 196 looks on a white background.

Color Contrast Check

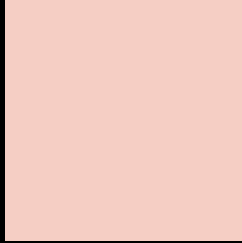
Large Text (above 18pt) WCAG AA × Fail

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 245, 206, 196 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 245, 206, 196 Background



This preview shows how black text looks on a background with the RGB color 245, 206, 196.



This preview shows how white text looks on a background with the RGB color 245, 206, 196.

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](#).

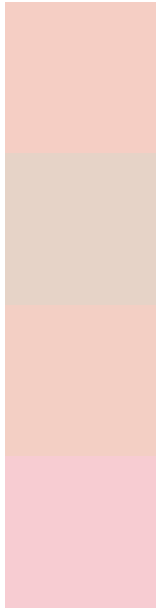
Dichromacy

	Original Color 245, 206, 196
	Protanopia 222, 214, 200
	Deuteranopia 242, 207, 196



Tritanopia
248, 203, 218

Trichromacy



Original Color

245, 206, 196

Protanomaly

230, 211, 199

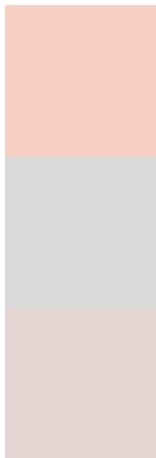
Deuteranomaly

243, 207, 196

Tritanomaly

247, 204, 210

Monochromacy



Original Color

245, 206, 196

Achromatopsia

217, 217, 217

Achromatomaly

227, 213, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 206, 196 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(245, 206, 196)` looks like.

```
.text, #text, p{  
    color:rgb(245, 206, 196)  
}
```

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(245, 206, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 206, 196) }
```

Border

The CSS property to change the border of an element to RGB 245, 206, 196 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(245, 206, 196) }
```

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

```
.border{ border-color:rgb(245, 206, 196) }
```

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

Here you see how a box with a 4 pixel rgb(245, 206, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 206, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 206, 196);  
box-shadow:4px 4px 4px 4px rgb(245, 206,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 245, 206, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 206, 196) }
```

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

```
.background{ background-color: rgb(245,  
206, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor