

Converting Colors

RGB(245, 235, 195)

Have a look what the booklet for
RGB(245, 235, 195) contains.

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Color

RGB(245, 235, 195)

Conversions

Conversions Part 1

Format	Color
Hex	F5EBC3
RGB	245, 235, 195
RGB Percent	96%, 92%, 76%
CMY	0.0392, 0.0784, 0.2353
CMYK	0.00, 0.04, 0.20, 0.04
HSL	48°, 71%, 86%
HSV	48°, 20%, 96%
XYZ	77.2148, 82.7693, 63.5362
YIQ	233.4300, 18.8000, -10.3200

Conversions

Conversions Part 2

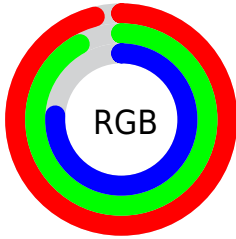
Format	Color
R_{YB}	208, 245, 195
Decimal	16116675
CIE _{Lab}	92.91, -2.91, 20.65
CIE _{LCh}	93, 20.857, 98.025
Y _{xy}	82.7693, 0.3454, 0.3703
Android (android.graphics.Color)	4294306755 (0xFFFF5EBC3)
Y _{UV}	233.4300, -18.9460, 10.1469
Hunter-Lab	90.9776, -7.7137, 22.2779

Details

The RGB color **245, 235, 195** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **195, 205, 245**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 252**, and **188, 179, 141** is the 20% darker color. If you saturate the color by 10%, you get **245, 230, 171**, and if you desaturate by 10%, it is **245, 240, 219**.

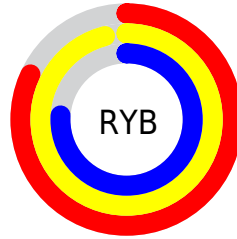
Distribution



Red (96%)

Green (92%)

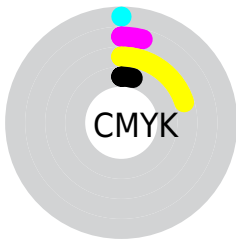
Blue (76%)



Red (82%)

Yellow (96%)

Blue (76%)

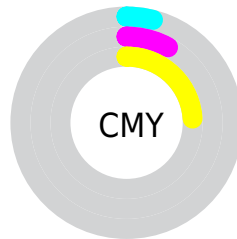


Cyan (0%)

Magenta (4%)

Yellow (20%)

Black (4%)



Cyan (4%)

Magenta (8%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 235, 195 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, 235, 195 by changing the saturation by 10% instead.

 245, 235, 195


255, 255, 255

255, 255, 252

 245, 235, 195

 216, 207, 168

 188, 179, 141

 161, 153, 116

 135, 127, 91

 109, 102, 67

 84, 78, 44

 60, 55, 23

 39, 34, 0

 9, 12, 0

 245, 235, 195

 245, 235, 195

 245, 230, 171


 245, 240, 219

 245, 225, 146


 245, 245, 244

 245, 220, 122


 245, 250, 255


 245, 215, 97

 245, 255, 255

 245, 210, 72

 245, 255, 255

 245, 206, 48

 245, 201, 23

 245, 196, 0

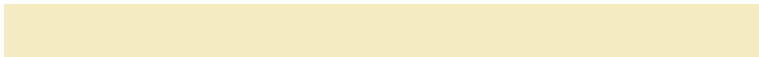
Harmonies

Analogous

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



255, 228, 198



245, 235, 195



222, 241, 203

Triad

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



245, 235, 195



182, 245, 255



255, 223, 250

Complementary

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



245, 235, 195



195, 205, 245

Split Complementary

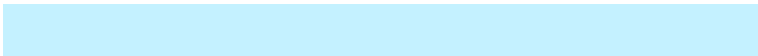
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245, 228, 255



245, 235, 195



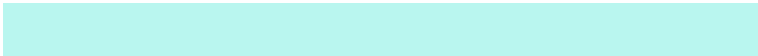
196, 241, 255

Square

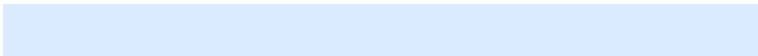
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 235, 195



185, 246, 239



219, 235, 255



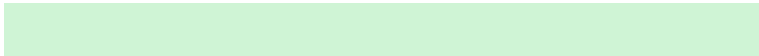
255, 221, 230

Rectangle

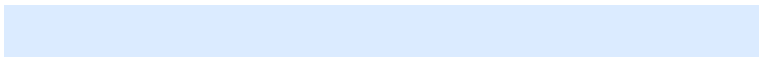
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245, 235, 195



207, 244, 213



219, 235, 255



255, 224, 255

Sweetspot

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



245, 235, 195



255, 252, 240



245, 195, 205



128, 126, 119



0, 0, 0



128, 128, 128

Same Dimension

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



245, 235, 195



255, 243, 194



231, 245, 195



122, 120, 110



186, 149, 0



59, 47, 0

Inverse Universe

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



195, 205, 245



194, 206, 255



210, 195, 245



110, 113, 122



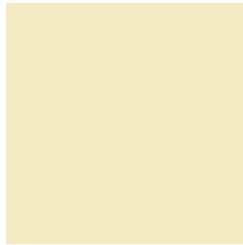
0, 37, 186



0, 12, 59

Previews

White Background



This preview shows how the RGB color 245, 235, 195 looks on a white background.

Color Contrast Check

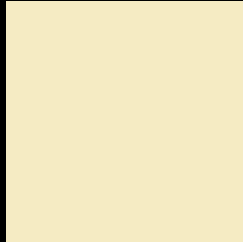
Large Text (above 18pt) WCAG AA × Fail

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, 235, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

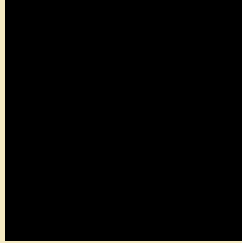
Any Text WCAG AA ✓ Pass

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, 235, 195 Background



This preview shows how black text looks on a background with the RGB color 245, 235, 195.

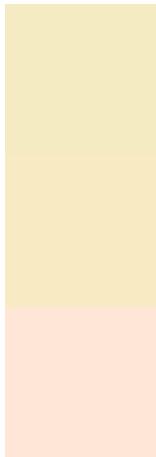


This preview shows how white text looks on a background with the RGB color 245, 235, 195.

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, 235, 195

Protanopia
248, 234, 195

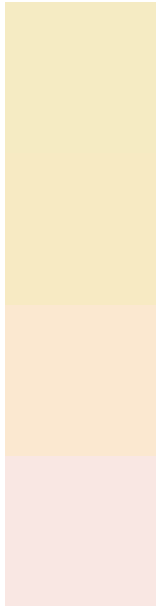
Deuteranopia
255, 230, 215



Tritanopia

252, 228, 246

Trichromacy



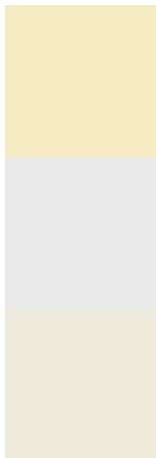
Original Color
245, 235, 195

Protanomaly
247, 234, 195

Deuteranomaly
251, 232, 208

Tritanomaly
249, 231, 227

Monochromacy



Original Color
245, 235, 195

Achromatopsia
233, 233, 233

Achromatomaly
237, 234, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 235, 195 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, 235, 195)` looks like.

```
.text, #text, p{  
    color:rgb(245, 235, 195)  
}
```

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, 235, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 235, 195) }
```

Border

The CSS property to change the border of an element to RGB 245, 235, 195 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, 235, 195) }
```

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

```
.border{ border-color:rgb(245, 235, 195) }
```

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

Here you see how a box with a 4 pixel rgb(245, 235, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 235, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 235, 195);  
box-shadow:4px 4px 4px 4px rgb(245, 235,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 245, 235, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 235, 195) }
```

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

```
.background{ background-color: rgb(245,  
235, 195) }
```

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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