

Converting Colors

RGB(217, 235, 195)

Have a look what the booklet for
RGB(217, 235, 195) contains.

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Color

RGB(217, 235, 195)

Conversions

Conversions Part 1

Format	Color
Hex	D9EBC3
RGB	217, 235, 195
RGB Percent	85%, 92%, 76%
CMY	0.1490, 0.0784, 0.2353
CMYK	0.08, 0.00, 0.17, 0.08
HSL	87°, 50%, 84%
HSV	87°, 17%, 92%
XYZ	68.1739, 78.1085, 63.1131
YIQ	225.0580, 2.1120, -16.2560

Conversions

Conversions Part 2

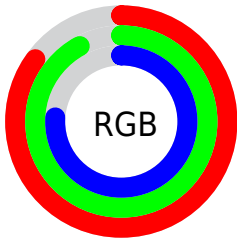
Format	Color
R _{YB}	195, 235, 213
Decimal	14281667
CIE Lab	90.83, -12.90, 17.43
CIE LCh	91, 21.686, 126.500
Yxy	78.1085, 0.3256, 0.3730
Android (android.graphics.Color)	4292471747 (0xFFD9EBC3)
YUV	225.0580, -14.8186, -7.0669
Hunter-Lab	88.3790, -16.9717, 19.5252

Details

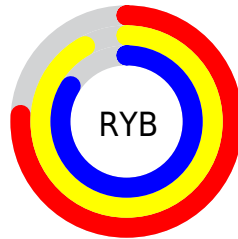
The RGB color **217, 235, 195** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **213, 195, 235**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 252**, and **162, 179, 141** is the 20% darker color. If you saturate the color by 10%, you get **206, 235, 171**, and if you desaturate by 10%, it is **228, 235, 219**.

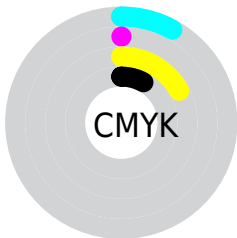
Distribution



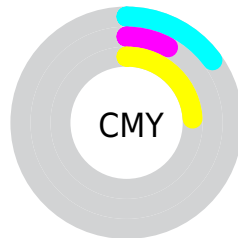
- Red (85%)
- Green (92%)
- Blue (76%)



- Red (76%)
- Yellow (92%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (17%)
- Black (8%)



- Cyan (15%)
- Magenta (8%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 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 217, 235, 195 by changing the saturation by 10% instead.


 217, 235, 195

255, 255, 255

255, 255, 252


 217, 235, 195

 189, 207, 168

 162, 179, 141


 136, 152, 116

 110, 127, 91

 85, 101, 67

 62, 77, 45

 39, 55, 24

 21, 33, 0

 0, 6, 0

 217, 235, 195

 217, 235, 195

 206, 235, 171

 228, 235, 219

 196, 235, 148

 238, 235, 242

 185, 235, 124


 249, 235, 255

 175, 235, 101

 255, 235, 255

 164, 235, 78

 154, 235, 54

 143, 235, 31

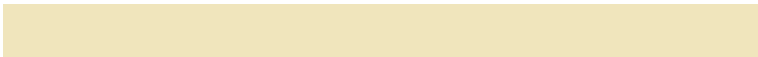
 132, 235, 7

 129, 235, 0

Harmonies

Analogous

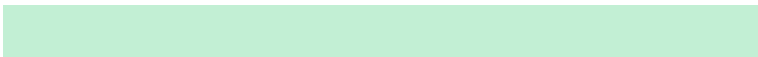
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 229, 188



217, 235, 195



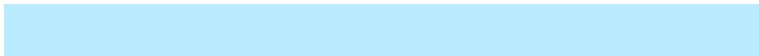
194, 239, 212

Triad

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



217, 235, 195



187, 235, 255



255, 214, 225

Complementary

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



217, 235, 195



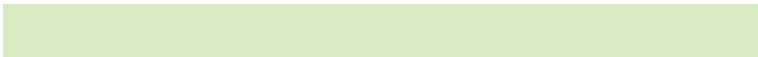
213, 195, 235

Split Complementary

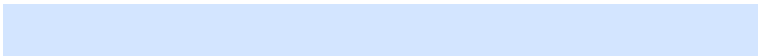
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 216, 246



217, 235, 195



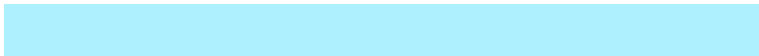
211, 229, 255

Square

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



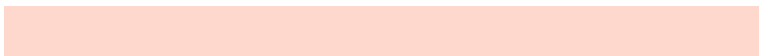
217, 235, 195



174, 240, 253



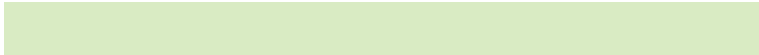
238, 222, 255



255, 216, 205

Rectangle

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



217, 235, 195



182, 241, 225



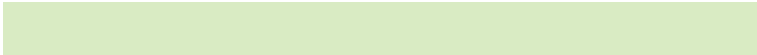
238, 222, 255



255, 214, 232

Sweetspot

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



217, 235, 195



249, 255, 242



235, 213, 195



124, 128, 120



0, 0, 0



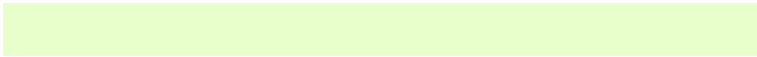
128, 128, 128

Same Dimension

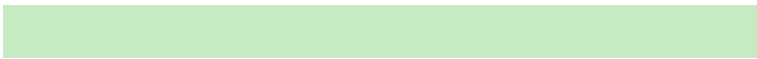
The Same Dimension uses a secret algorithm to generate beautiful new colors.



217, 235, 195



232, 255, 204



198, 235, 195



112, 117, 106



100, 181, 0



29, 54, 0

Inverse Universe

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



213, 195, 235



227, 204, 255



233, 195, 235



111, 106, 117



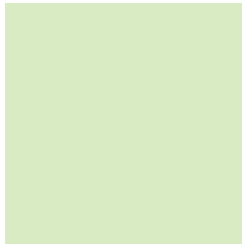
81, 0, 181



24, 0, 54

Previews

White Background



This preview shows how the RGB color 217, 235, 195 looks on a white background.

Color Contrast Check

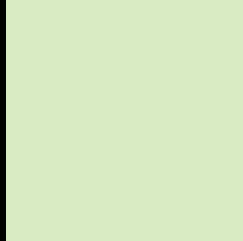
Large Text (above 18pt) WCAG AA × Fail

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 217, 235, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

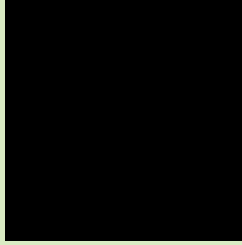
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

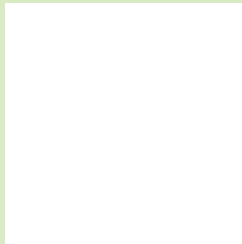
Any Text WCAG AAA ✓ Pass

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

RGB 217, 235, 195 Background



This preview shows how black text looks on a background with the RGB color 217, 235, 195.

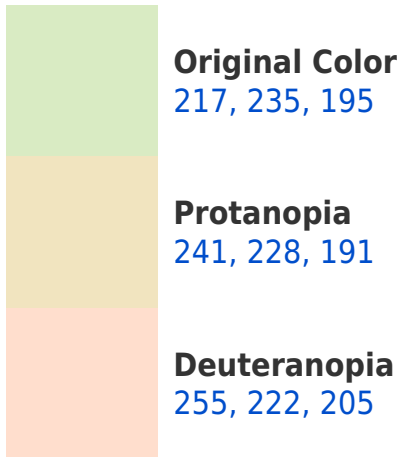


This preview shows how white text looks on a background with the RGB color 217, 235, 195.

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

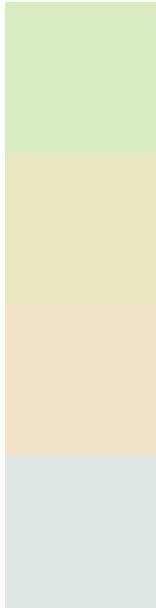




Tritanopia

225, 228, 246

Trichromacy



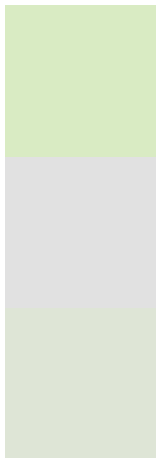
Original Color
217, 235, 195

Protanomaly
232, 231, 192

Deuteranomaly
241, 227, 201

Tritanomaly
222, 231, 227

Monochromacy



Original Color
217, 235, 195

Achromatopsia
225, 225, 225

Achromatomaly
222, 229, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 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(217, 235, 195)` looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 235, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 235, 195) }
```

Border

The CSS property to change the border of an element to RGB 217, 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(217, 235, 195) }
```

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

```
.border{ border-color:rgb(217, 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(217, 235, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 235, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 235, 195);  
box-shadow:4px 4px 4px 4px rgb(217, 235,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 217, 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(217, 235, 195) }
```

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

```
.background{ background-color: rgb(217,  
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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