

Converting Colors

RGB(224, 235, 217)

Have a look what the booklet for
RGB(224, 235, 217) contains.

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Color

RGB(224, 235, 217)

Conversions

Conversions Part 1

Format	Color
Hex	E0EBD9
RGB	224, 235, 217
RGB Percent	88%, 92%, 85%
CMY	0.1216, 0.0784, 0.1490
CMYK	0.05, 0.00, 0.08, 0.08
HSL	97°, 31%, 89%
HSV	97°, 8%, 92%
XYZ	72.9732, 80.2737, 77.2939
YIQ	229.6590, -0.7780, -7.9300

Conversions

Conversions Part 2

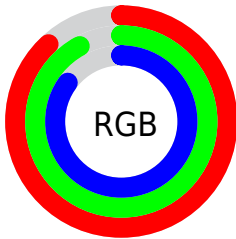
Format	Color
R _Y B	217, 235, 228
Decimal	14740441
CIE Lab	91.81, -6.85, 7.46
CIE LCh	92, 10.130, 132.548
Yxy	80.2737, 0.3165, 0.3482
Android (android.graphics.Color)	4292930521 (0xFFE0EBD9)
YUV	229.6590, -6.2409, -4.9629
Hunter-Lab	89.5956, -11.4089, 11.5676

Details

The RGB color **224, 235, 217** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **228, 217, 235**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **169, 179, 162** is the 20% darker color. If you saturate the color by 10%, you get **210, 235, 194**, and if you desaturate by 10%, it is **238, 235, 240**.

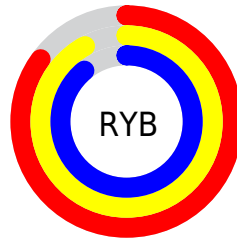
Distribution



Red (88%)

Green (92%)

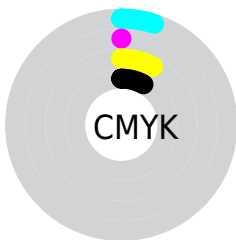
Blue (85%)



Red (85%)

Yellow (92%)

Blue (89%)

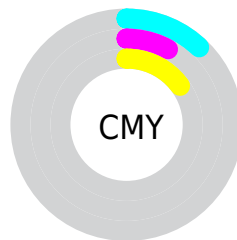


Cyan (5%)

Magenta (0%)

Yellow (8%)

Black (8%)



Cyan (12%)

Magenta (8%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 235, 217 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 224, 235, 217 by changing the saturation by 10% instead.

■ 224, 235, 217

255, 255, 255

■ 224, 235, 217

■ 196, 207, 189

■ 169, 179, 162

■ 142, 153, 136

■ 117, 127, 111

■ 92, 102, 86

■ 68, 78, 63

■ 46, 55, 41

■ 25, 33, 21

■ 0, 12, 0

 224, 235, 217

 224, 235, 217

 210, 235, 194

 238, 235, 240

 195, 235, 170


 253, 235, 255


 181, 235, 147

 255, 235, 255

 167, 235, 123

 152, 235, 100

 138, 235, 76

 123, 235, 53

 109, 235, 29

 95, 235, 6

Harmonies

Analogous

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



235, 232, 213



224, 235, 217



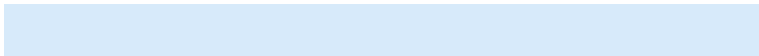
214, 237, 225

Triad

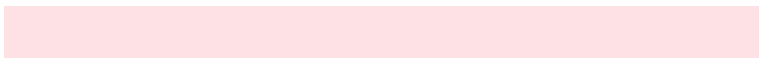
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224, 235, 217



215, 234, 250



253, 225, 228

Complementary

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



224, 235, 217



228, 217, 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.



248, 226, 238



224, 235, 217



227, 231, 250

Square

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



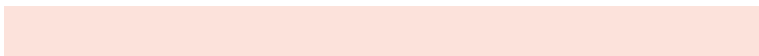
224, 235, 217



209, 236, 244



239, 228, 246



252, 226, 219

Rectangle

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



224, 235, 217



210, 237, 232



239, 228, 246



252, 225, 231

Sweetspot

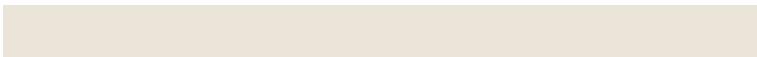
The Sweet Spot groups the original color and five complimentary colors.



224, 235, 217



252, 255, 250



235, 228, 217



126, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



224, 235, 217



241, 255, 232



217, 235, 219



110, 117, 106



70, 181, 0



21, 54, 0

Inverse Universe

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



228, 217, 235



246, 232, 255



235, 217, 233



113, 106, 117



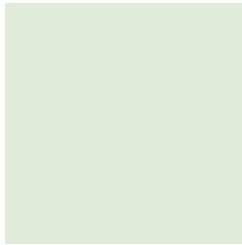
111, 0, 181



33, 0, 54

Previews

White Background



This preview shows how the RGB color 224, 235, 217 looks on a white background.

Color Contrast Check

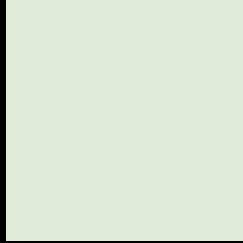
Large Text (above 18pt) WCAG AA × Fail

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 224, 235, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

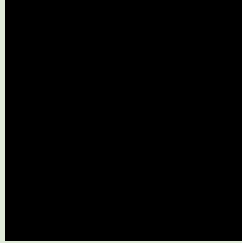
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

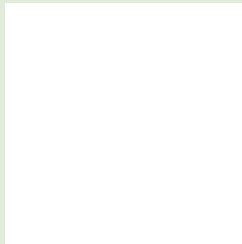
Any Text WCAG AAA ✓ Pass

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

RGB 224, 235, 217 Background



This preview shows how black text looks on a background with the RGB color 224, 235, 217.

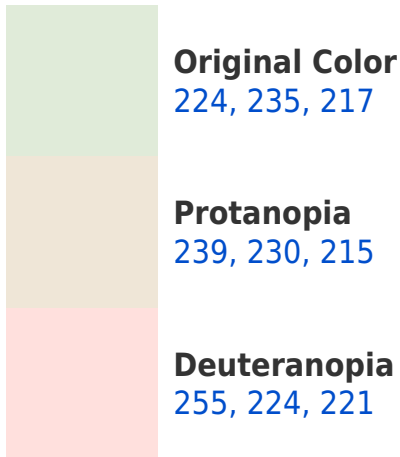


This preview shows how white text looks on a background with the RGB color 224, 235, 217.

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

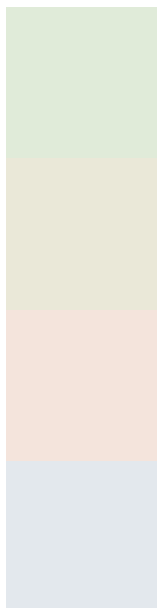




Tritanopia

229, 230, 249

Trichromacy



Original Color

224, 235, 217

Protanomaly

234, 232, 216

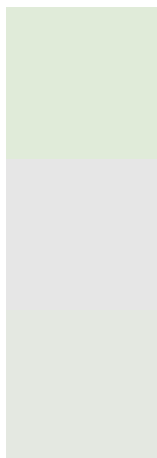
Deuteranomaly

244, 228, 220

Tritanomaly

227, 232, 237

Monochromacy



Original Color

224, 235, 217

Achromatopsia

230, 230, 230

Achromatomaly

228, 232, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 235, 217 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(224, 235, 217)` looks like.

```
.text, #text, p{  
    color:rgb(224, 235, 217)  
}
```

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(224, 235, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 235, 217) }
```

Border

The CSS property to change the border of an element to RGB 224, 235, 217 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(224, 235, 217) }
```

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

```
.border{ border-color:rgb(224, 235, 217) }
```

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

Here you see how a box with a 4 pixel rgb(224, 235, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 235, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 235, 217);  
box-shadow:4px 4px 4px 4px rgb(224, 235,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 224, 235, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 235, 217) }
```

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

```
.background{ background-color: rgb(224,  
235, 217) }
```

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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