

Converting Colors

RGB(224, 243, 213)

Have a look what the booklet for
RGB(224, 243, 213) contains.

RGB(224, 243, 213)	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(224, 243, 213)

Conversions

Conversions Part 1

Format	Color
Hex	E0F3D5
RGB	224, 243, 213
RGB Percent	88%, 95%, 84%
CMY	0.1216, 0.0471, 0.1647
CMYK	0.08, 0.00, 0.12, 0.05
HSL	98°, 56%, 89%
HSV	98°, 12%, 95%
XYZ	74.8013, 84.7526, 75.3672
YIQ	233.8990, -1.6940, -13.3580

Conversions

Conversions Part 2

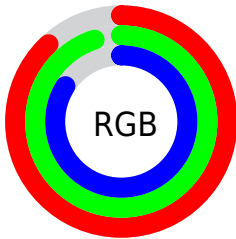
Format	Color
R_{YB}	213, 243, 232
Decimal	14742485
CIE _{Lab}	93.78, -11.54, 12.35
CIE _{LCh}	94, 16.907, 133.064
Yxy	84.7526, 0.3184, 0.3608
Android (android.graphics.Color)	4292932565 (0xFFE0F3D5)
YUV	233.8990, -10.3032, -8.6814
Hunter-Lab	92.0612, -16.0727, 15.9042

Details

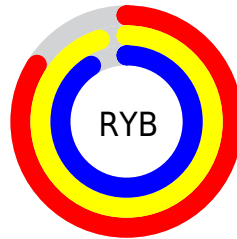
The RGB color **224, 243, 213** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **232, 213, 243**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 255**, and **169, 187, 158** is the 20% darker color. If you saturate the color by 10%, you get **209, 243, 189**, and if you desaturate by 10%, it is **239, 243, 237**.

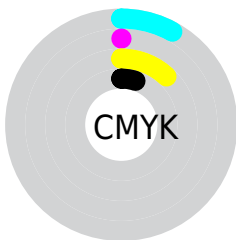
Distribution



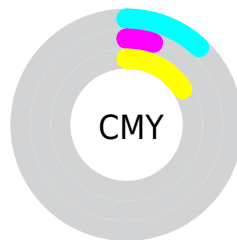
- Red (88%)
- Green (95%)
- Blue (84%)



- Red (84%)
- Yellow (95%)
- Blue (91%)



- Cyan (8%)
- Magenta (0%)
- Yellow (12%)
- Black (5%)



- Cyan (12%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 243, 213 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, 243, 213 by changing the saturation by 10% instead.

■ 224, 243, 213

255, 255, 255

■ 224, 243, 213

■ 196, 215, 185

■ 169, 187, 158

■ 142, 160, 132

■ 116, 134, 107

■ 92, 108, 83

■ 68, 84, 60

■ 45, 61, 38

■ 24, 39, 17

■ 0, 19, 0

 224, 243, 213

 224, 243, 213

 209, 243, 189

 239, 243, 237


 193, 243, 164

 255, 243, 255

 178, 243, 140


 255, 243, 255

 162, 243, 116

 147, 243, 92

 132, 243, 67

 116, 243, 43

 101, 243, 19

 89, 243, 0

Harmonies

Analogous

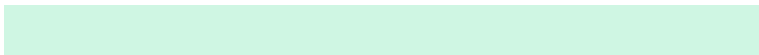
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243, 238, 205



224, 243, 213



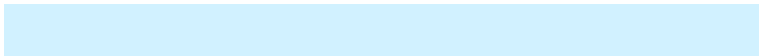
207, 246, 227

Triad

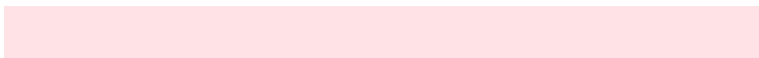
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224, 243, 213



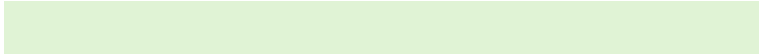
209, 241, 255



255, 226, 230

Complementary

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



224, 243, 213



232, 213, 243

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, 227, 247



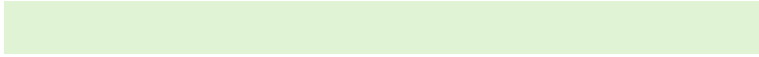
224, 243, 213



229, 236, 255

Square

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



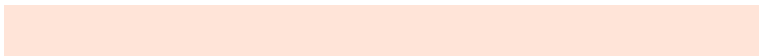
224, 243, 213



197, 245, 255



249, 231, 255



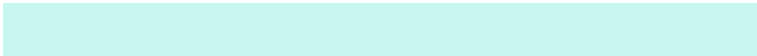
255, 228, 216

Rectangle

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



224, 243, 213



199, 247, 238



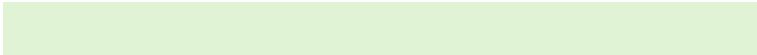
249, 231, 255



255, 226, 236

Sweetspot

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



224, 243, 213



249, 255, 245



243, 232, 213



123, 128, 121



0, 0, 0



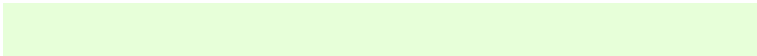
128, 128, 128

Same Dimension

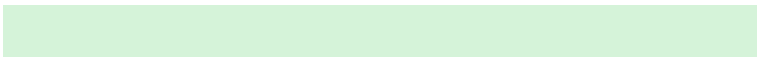
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224, 243, 213



231, 255, 217



213, 243, 217



115, 122, 110



68, 186, 0



22, 59, 0

Inverse Universe

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



232, 213, 243



241, 217, 255



243, 213, 239



118, 110, 122



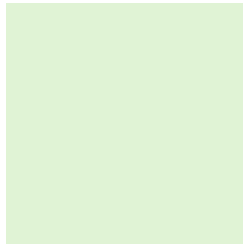
118, 0, 186



37, 0, 59

Previews

White Background



This preview shows how the RGB color 224, 243, 213 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, 243, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

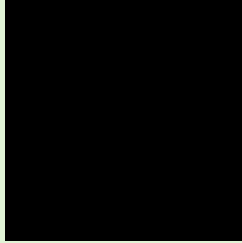
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

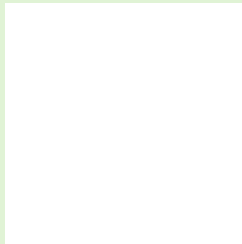
Any Text WCAG AAA ✓ Pass

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

RGB 224, 243, 213 Background



This preview shows how black text looks on a background with the RGB color 224, 243, 213.



This preview shows how white text looks on a background with the RGB color 224, 243, 213.

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

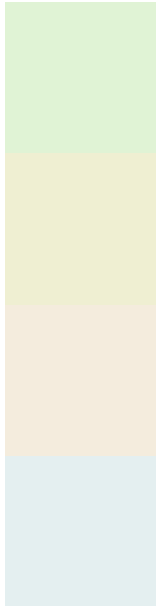




Tritanopia

231, 237, 255

Trichromacy



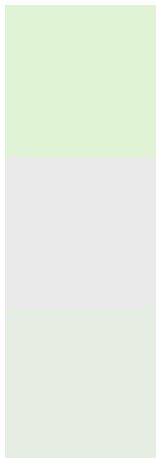
Original Color
224, 243, 213

Protanomaly
239, 239, 210

Deuteranomaly
244, 236, 221

Tritanomaly
228, 239, 240

Monochromacy



Original Color
224, 243, 213

Achromatopsia
234, 234, 234

Achromatomaly
230, 237, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 243, 213 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, 243, 213)` looks like.

```
.text, #text, p{  
    color:rgb(224, 243, 213)  
}
```

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, 243, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 243, 213) }
```

Border

The CSS property to change the border of an element to RGB 224, 243, 213 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, 243, 213) }
```

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

```
.border{ border-color:rgb(224, 243, 213) }
```

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

Here you see how a box with a 4 pixel rgb(224, 243, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 243, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 243, 213);  
box-shadow:4px 4px 4px 4px rgb(224, 243,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 224, 243, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 243, 213) }
```

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

```
.background{ background-color: rgb(224,  
243, 213) }
```

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