

Converting Colors

RGB(224, 242, 206)

Have a look what the booklet for
RGB(224, 242, 206) contains.

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Color

RGB(224, 242, 206)

Conversions

Conversions Part 1

Format	Color
Hex	E0F2CE
RGB	224, 242, 206
RGB Percent	88%, 95%, 81%
CMY	0.1216, 0.0510, 0.1922
CMYK	0.07, 0.00, 0.15, 0.05
HSL	90°, 58%, 88%
HSV	90°, 15%, 95%
XYZ	73.6332, 83.8078, 70.6882
YIQ	232.5140, 0.8280, -15.0120

Conversions

Conversions Part 2

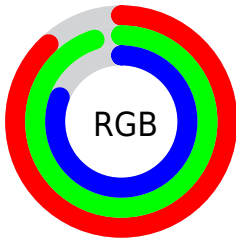
Format	Color
R_{YB}	206, 242, 224
Decimal	14742222
CIE _{Lab}	93.37, -12.20, 15.39
CIE _{LCh}	93, 19.633, 128.401
Yxy	83.8078, 0.3228, 0.3674
Android (android.graphics.Color)	4292932302 (0xFFE0F2CE)
YUV	232.5140, -13.0714, -7.4668
Hunter-Lab	91.5466, -16.6346, 18.3015

Details

The RGB color **224, 242, 206** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **224, 206, 242**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **255, 255, 255**, and **169, 186, 152** is the 20% darker color. If you saturate the color by 10%, you get **212, 242, 182**, and if you desaturate by 10%, it is **236, 242, 230**.

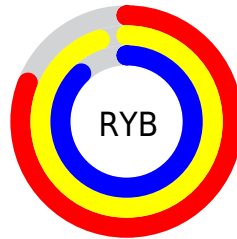
Distribution



Red (88%)

Green (95%)

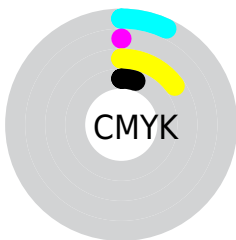
Blue (81%)



Red (81%)

Yellow (95%)

Blue (88%)

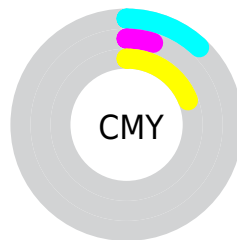


Cyan (7%)

Magenta (0%)

Yellow (15%)

Black (5%)



Cyan (12%)

Magenta (5%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 242, 206 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, 242, 206 by changing the saturation by 10% instead.

■ 224, 242, 206

255, 255, 255

■ 224, 242, 206

■ 196, 214, 178

■ 169, 186, 152

■ 142, 159, 126

■ 116, 133, 101

■ 92, 108, 77

■ 68, 83, 54

■ 45, 60, 32

■ 24, 38, 10

■ 0, 19, 0

 224, 242, 206

 224, 242, 206

 212, 242, 182

 236, 242, 230


 200, 242, 158


 248, 242, 254

 188, 242, 133

 255, 242, 255


 176, 242, 109

 163, 242, 85

 151, 242, 61

 139, 242, 37

 127, 242, 12

 121, 242, 0

Harmonies

Analogous

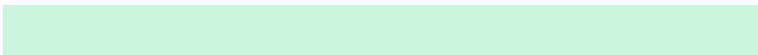
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246, 236, 199



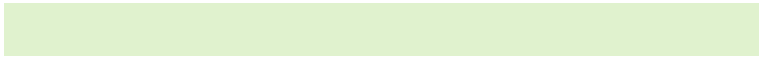
224, 242, 206



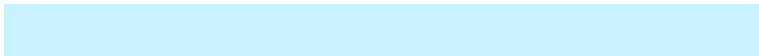
203, 246, 221

Triad

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



224, 242, 206



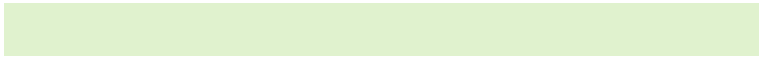
200, 242, 255



255, 223, 231

Complementary

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



224, 242, 206



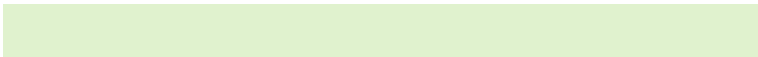
224, 206, 242

Split Complementary

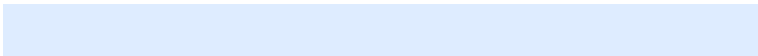
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 225, 250



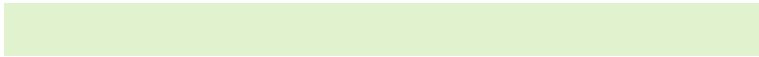
224, 242, 206



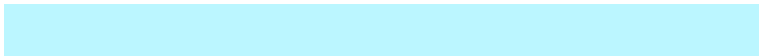
222, 236, 255

Square

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



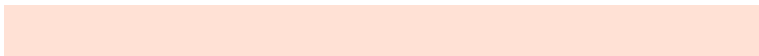
224, 242, 206



187, 246, 255



246, 229, 255



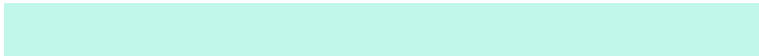
255, 225, 213

Rectangle

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



224, 242, 206



193, 247, 234



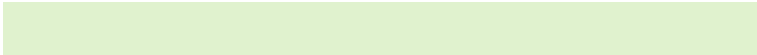
246, 229, 255



255, 223, 238

Sweetspot

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



224, 242, 206



250, 255, 245



242, 224, 206



124, 128, 121



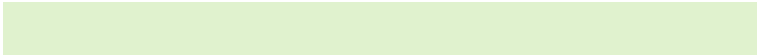
0, 0, 0



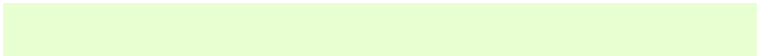
128, 128, 128

Same Dimension

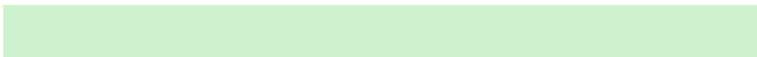
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224, 242, 206



232, 255, 209



206, 242, 206



114, 120, 108



92, 184, 0



28, 56, 0

Inverse Universe

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



224, 206, 242



232, 209, 255



242, 206, 242



114, 108, 120



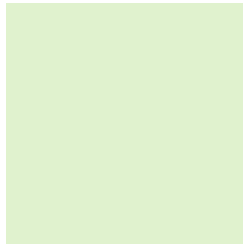
92, 0, 184



28, 0, 56

Previews

White Background



This preview shows how the RGB color 224, 242, 206 looks on a white background.

Color Contrast Check

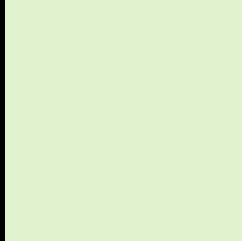
Large Text (above 18pt) WCAG AA × Fail

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, 242, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

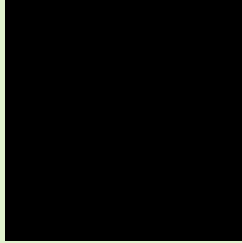
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

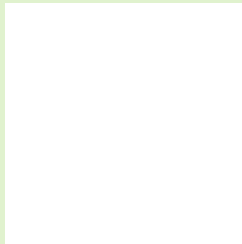
Any Text WCAG AAA ✓ Pass

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

RGB 224, 242, 206 Background



This preview shows how black text looks on a background with the RGB color 224, 242, 206.



This preview shows how white text looks on a background with the RGB color 224, 242, 206.

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

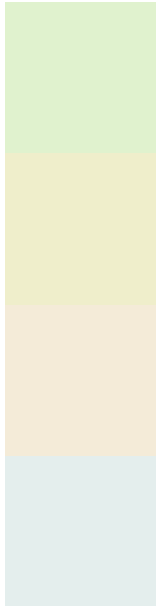




Tritanopia

231, 235, 254

Trichromacy



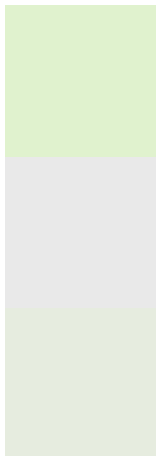
Original Color
224, 242, 206

Protanomaly
239, 238, 203

Deuteranomaly
244, 235, 216

Tritanomaly
228, 238, 237

Monochromacy



Original Color
224, 242, 206

Achromatopsia
233, 233, 233

Achromatomaly
230, 236, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 242, 206 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, 242, 206)` looks like.

```
.text, #text, p{  
    color:rgb(224, 242, 206)  
}
```

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, 242, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 242, 206) }
```

Border

The CSS property to change the border of an element to RGB 224, 242, 206 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, 242, 206) }
```

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

```
.border{ border-color:rgb(224, 242, 206) }
```

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

Here you see how a box with a 4 pixel rgb(224, 242, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 242, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 242, 206);  
box-shadow:4px 4px 4px 4px rgb(224, 242,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 224, 242, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 242, 206) }
```

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

```
.background{ background-color: rgb(224,  
242, 206) }
```

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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