

Converting Colors

RGB(214, 234, 204)

Have a look what the booklet for
RGB(214, 234, 204) contains.

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Color

RGB(214, 234, 204)

Conversions

Conversions Part 1

Format	Color
Hex	D6EACC
RGB	214, 234, 204
RGB Percent	84%, 92%, 80%
CMY	0.1608, 0.0824, 0.2000
CMYK	0.09, 0.00, 0.13, 0.08
HSL	100°, 42%, 86%
HSV	100°, 13%, 92%
XYZ	68.0535, 77.5014, 68.4992
YIQ	224.6000, -2.2900, -13.5700

Conversions

Conversions Part 2

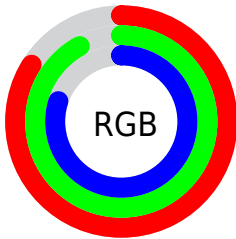
Format	Color
R _Y B	204, 234, 224
Decimal	14084812
CIE Lab	90.55, -11.97, 12.34
CIE LCh	91, 17.189, 134.123
Yxy	77.5014, 0.3179, 0.3621
Android (android.graphics.Color)	4292274892 (0xFFD6EACC)
YUV	224.6000, -10.1558, -9.2962
Hunter-Lab	88.0349, -16.0755, 15.4914

Details

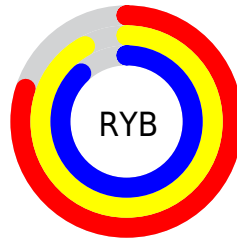
The RGB color **214, 234, 204** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **224, 204, 234**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **159, 178, 150** is the 20% darker color. If you saturate the color by 10%, you get **198, 234, 181**, and if you desaturate by 10%, it is **230, 234, 227**.

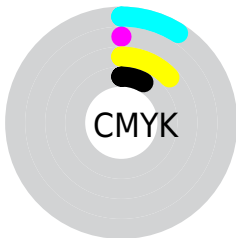
Distribution



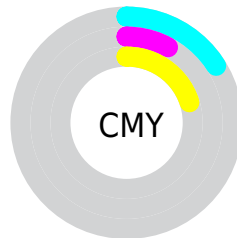
- Red (84%)
- Green (92%)
- Blue (80%)



- Red (80%)
- Yellow (92%)
- Blue (88%)



- Cyan (9%)
- Magenta (0%)
- Yellow (13%)
- Black (8%)



- Cyan (16%)
- Magenta (8%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 214, 234, 204 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 214, 234, 204 by changing the saturation by 10% instead.

■ 214, 234, 204

255, 255, 255

■ 214, 234, 204

■ 186, 206, 177

■ 159, 178, 150

■ 133, 152, 124

■ 108, 126, 99

■ 83, 101, 75

■ 60, 77, 52

■ 38, 54, 31

■ 18, 32, 8

■ 0, 4, 0

 214, 234, 204

 214, 234, 204

 198, 234, 181

 230, 234, 227

 183, 234, 157

 245, 234, 251


 167, 234, 134

 255, 234, 255


 152, 234, 110

 136, 234, 87

 120, 234, 64

 105, 234, 40

 89, 234, 17

 78, 234, 0

Harmonies

Analogous

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



233, 229, 196



214, 234, 204



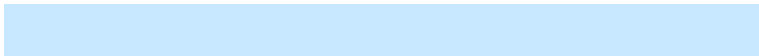
197, 237, 218

Triad

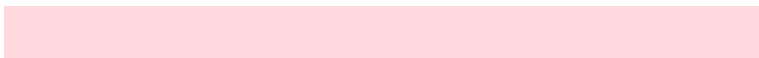
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



214, 234, 204



200, 232, 255



255, 217, 221

Complementary

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



214, 234, 204



224, 204, 234

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, 218, 237



214, 234, 204



220, 227, 255

Square

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



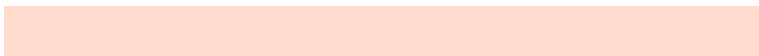
214, 234, 204



188, 236, 250



241, 221, 252



255, 219, 206

Rectangle

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



214, 234, 204



189, 238, 230



241, 221, 252



255, 217, 226

Sweetspot

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



214, 234, 204



248, 255, 245



234, 224, 204



123, 128, 121



0, 0, 0



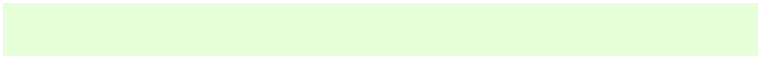
128, 128, 128

Same Dimension

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



214, 234, 204



230, 255, 217



204, 234, 209



109, 117, 106



60, 181, 0



18, 54, 0

Inverse Universe

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



224, 204, 234



242, 217, 255



234, 204, 229



113, 106, 117



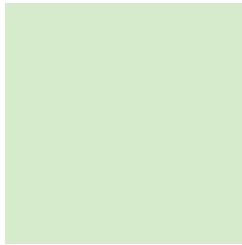
121, 0, 181



36, 0, 54

Previews

White Background



This preview shows how the RGB color 214, 234, 204 looks on a white background.

Color Contrast Check

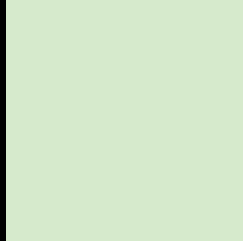
Large Text (above 18pt) WCAG AA × Fail

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 214, 234, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

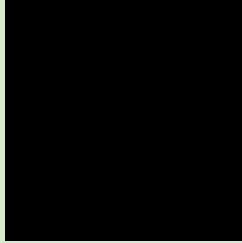
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

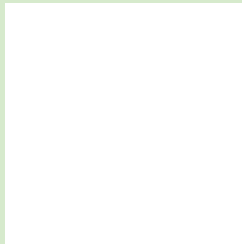
Any Text WCAG AAA ✓ Pass

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

RGB 214, 234, 204 Background



This preview shows how black text looks on a background with the RGB color 214, 234, 204.



This preview shows how white text looks on a background with the RGB color 214, 234, 204.

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

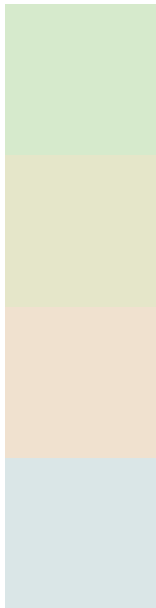




Tritanopia

221, 228, 246

Trichromacy



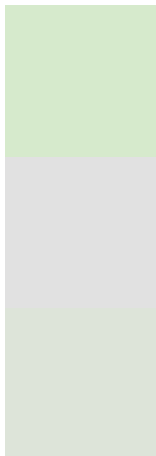
Original Color
214, 234, 204

Protanomaly
229, 230, 201

Deuteranomaly
240, 225, 207

Tritanomaly
218, 230, 231

Monochromacy



Original Color
214, 234, 204

Achromatopsia
225, 225, 225

Achromatomaly
221, 228, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 214, 234, 204 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(214, 234, 204)` looks like.

```
.text, #text, p{  
    color:rgb(214, 234, 204)  
}
```

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(214, 234, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 234, 204) }
```

Border

The CSS property to change the border of an element to RGB 214, 234, 204 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(214, 234, 204) }
```

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

```
.border{ border-color:rgb(214, 234, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 234, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 234, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 234, 204);  
box-shadow:4px 4px 4px 4px rgb(214, 234,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 214, 234, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 234, 204) }
```

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

```
.background{ background-color: rgb(214,  
234, 204) }
```

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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