

Converting Colors

RGB(212, 232, 199)

Have a look what the booklet for
RGB(212, 232, 199) contains.

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Color

RGB(212, 232, 199)

Conversions

Conversions Part 1	
Format	Color
Hex	D4E8C7
RGB	212, 232, 199
RGB Percent	83%, 91%, 78%
CMY	0.1686, 0.0902, 0.2196
CMYK	0.09, 0.00, 0.14, 0.09
HSL	96°, 42%, 85%
HSV	96°, 14%, 91%
XYZ	66.3168, 75.8338, 65.1749
YIQ	222.2580, -1.3270, -14.5030

Conversions

Conversions Part 2

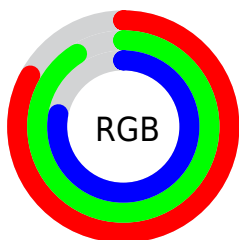
Format	Color
RYB	199, 232, 219
Decimal	13953223
CIELab	89.78, -12.49, 13.83
CIELCh	90, 18.633, 132.078
Yxy	75.8338, 0.3199, 0.3658
Android (android.graphics.Color)	4292143303 (0xFFD4E8C7)
YUV	222.2580, -11.4662, -8.9963
Hunter-Lab	87.0826, -16.4599, 16.5836

Details

The RGB color **212, 232, 199** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **219, 199, 232**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 255**, and **157, 176, 145** is the 20% darker color. If you saturate the color by 10%, you get **198, 232, 176**, and if you desaturate by 10%, it is **226, 232, 222**.

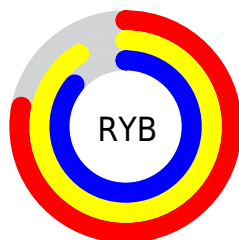
Distribution



Red (83%)

Green (91%)

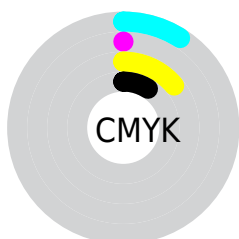
Blue (78%)



Red (78%)

Yellow (91%)

Blue (86%)

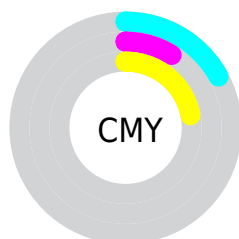


Cyan (9%)

Magenta (0%)

Yellow (14%)

Black (9%)



Cyan (17%)

Magenta (9%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 232, 199 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 212, 232, 199 by changing the saturation by 10% instead.


 212, 232, 199


255, 255, 255

 212, 232, 199

 184, 204, 172

 157, 176, 145

 131, 150, 119

 106, 124, 95

 81, 99, 71

 58, 75, 48

 36, 52, 27

 17, 31, 1

 0, 0, 0

 212, 232, 199

 212, 232, 199

 198, 232, 176

 226, 232, 222

 184, 232, 153


 240, 232, 245

 170, 232, 129

 254, 232, 255


 156, 232, 106


 255, 232, 255

 142, 232, 83

 128, 232, 60

 114, 232, 37

 100, 232, 13

 91, 232, 0

Harmonies

Analogous

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



232, 227, 191



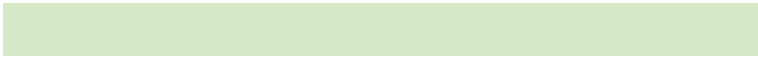
212, 232, 199



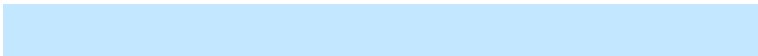
193, 235, 214

Triad

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



212, 232, 199



194, 231, 255



255, 214, 219

Complementary

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



212, 232, 199



219, 199, 232

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, 215, 237



212, 232, 199



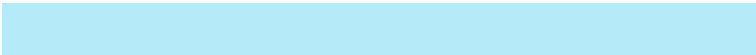
215, 225, 255

Square

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



212, 232, 199



181, 235, 249



238, 219, 252



255, 216, 203

Rectangle

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



212, 232, 199



184, 236, 226



238, 219, 252



255, 214, 225

Sweetspot

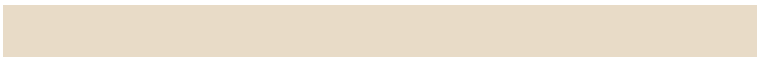
The Sweet Spot groups the original color and five complimentary colors.



212, 232, 199



249, 255, 245



232, 219, 199



124, 128, 121



0, 0, 0



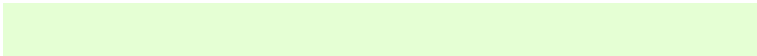
128, 128, 128

Same Dimension

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



212, 232, 199



229, 255, 212



199, 232, 202



108, 115, 103



70, 179, 0



20, 51, 0

Inverse Universe

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



219, 199, 232



238, 212, 255



232, 199, 229



110, 103, 115



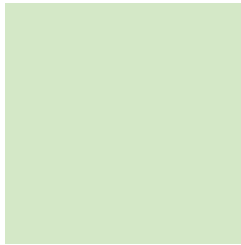
108, 0, 179



31, 0, 51

Previews

White Background



This preview shows how the RGB color 212, 232, 199 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 212, 232, 199 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

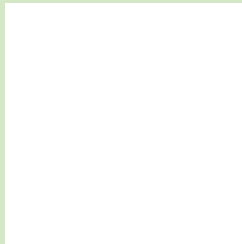
Any Text WCAG AAA ✓ Pass

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

RGB 212, 232, 199 Background



This preview shows how black text looks on a background with the RGB color 212, 232, 199.

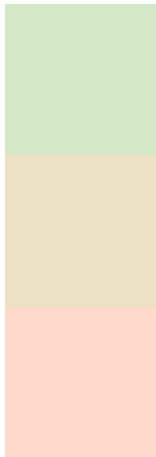


This preview shows how white text looks on a background with the RGB color 212, 232, 199.

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



Original Color

212, 232, 199

Protanopia

236, 225, 195

Deuteranopia

255, 218, 203



Tritanopia

219, 226, 244

Trichromacy

	Original Color 212, 232, 199
	Protanomaly 227, 228, 196
	Deuteranomaly 239, 223, 202
	Tritanomaly 216, 228, 228

Monochromacy

	Original Color 212, 232, 199
	Achromatopsia 222, 222, 222
	Achromatomaly 218, 226, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 232, 199 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(212, 232, 199) looks like.

```
.text, #text, p{  
    color:rgb(212, 232, 199)  
}
```

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(212, 232, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 232, 199) }
```

Border

The CSS property to change the border of an element to RGB 212, 232, 199 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(212, 232, 199) }
```

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

```
.border{ border-color:rgb(212, 232, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 232, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 232, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 232, 199);  
box-shadow:4px 4px 4px 4px rgb(212, 232,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 212, 232, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 232, 199) }
```

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

```
.background{ background-color: rgb(212,  
232, 199) }
```

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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