

Converting Colors

RGB(212, 227, 187)

Have a look what the booklet for
RGB(212, 227, 187) contains.

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Color

RGB(212, 227, 187)

Conversions

Conversions Part 1

Format	Color
Hex	D4E3BB
RGB	212, 227, 187
RGB Percent	83%, 89%, 73%
CMY	0.1686, 0.1098, 0.2667
CMYK	0.07, 0.00, 0.18, 0.11
HSL	82°, 42%, 81%
HSV	82°, 18%, 89%
XYZ	63.5901, 72.5231, 57.6605
YIQ	217.9550, 3.9000, -15.6200

Conversions

Conversions Part 2

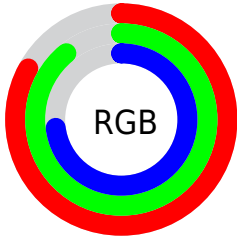
Format	Color
RYB	187, 227, 202
Decimal	13951931
CIELab	88.22, -11.92, 17.88
CIELCh	88, 21.487, 123.680
Yxy	72.5231, 0.3282, 0.3743
Android (android.graphics.Color)	4292142011 (0xFFD4E3BB)
YUV	217.9550, -15.2608, -5.2225
Hunter-Lab	85.1605, -15.7433, 19.4682

Details

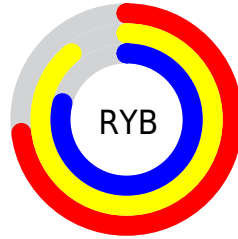
The RGB color **212, 227, 187** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **202, 187, 227**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **255, 255, 243**, and **157, 172, 134** is the 20% darker color. If you saturate the color by 10%, you get **203, 227, 164**, and if you desaturate by 10%, it is **221, 227, 210**.

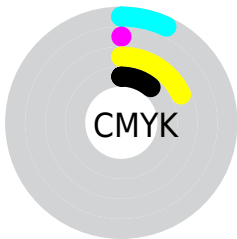
Distribution



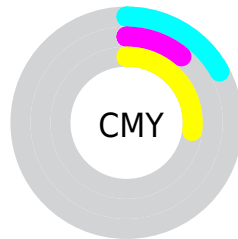
- Red (83%)
- Green (89%)
- Blue (73%)



- Red (73%)
- Yellow (89%)
- Blue (79%)



- Cyan (7%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)



- Cyan (17%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 227, 187 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, 227, 187 by changing the saturation by 10% instead.


 212, 227, 187


255, 255, 255

 255, 255, 243


 212, 227, 187


 184, 199, 160

 157, 172, 134

 131, 145, 108

 106, 119, 84

 81, 95, 61

 58, 71, 38

 36, 49, 17


 15, 28, 0

 0, 0, 0

 212, 227, 187

 212, 227, 187

 203, 227, 164


 221, 227, 210

 195, 227, 142

 229, 227, 232

 186, 227, 119


 238, 227, 255

 178, 227, 96

 246, 227, 255

 169, 227, 74

 255, 227, 255

 161, 227, 51

 255, 227, 255

 152, 227, 28

 144, 227, 5

 142, 227, 0

Harmonies

Analogous

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



235, 221, 181



212, 227, 187



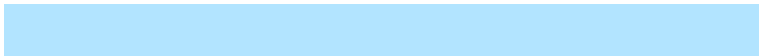
189, 231, 203

Triad

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



212, 227, 187



178, 228, 255



255, 207, 219

Complementary

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



212, 227, 187



202, 187, 227

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.



250, 210, 240



212, 227, 187



202, 222, 255

Square

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



212, 227, 187



167, 232, 243



228, 215, 255



255, 209, 200

Rectangle

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



212, 227, 187



176, 233, 216



228, 215, 255



255, 207, 226

Sweetspot

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



212, 227, 187



250, 255, 242



227, 202, 187



125, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



212, 227, 187



235, 255, 201



192, 227, 187



110, 115, 103



112, 179, 0



32, 51, 0

Inverse Universe

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



202, 187, 227



222, 201, 255



222, 187, 227



108, 103, 115



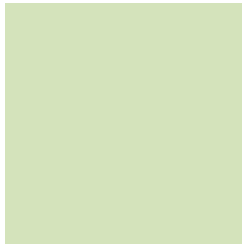
67, 0, 179



19, 0, 51

Previews

White Background



This preview shows how the RGB color 212, 227, 187 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, 227, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

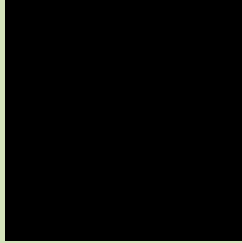
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

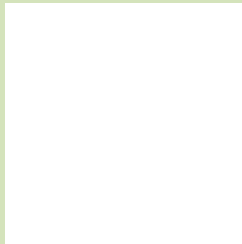
Any Text WCAG AAA ✓ Pass

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

RGB 212, 227, 187 Background



This preview shows how black text looks on a background with the RGB color 212, 227, 187.



This preview shows how white text looks on a background with the RGB color 212, 227, 187.

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](#).

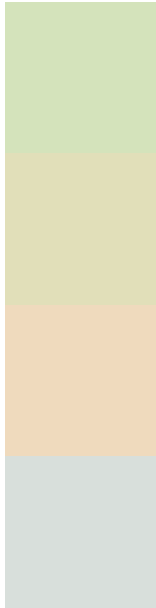
Dichromacy





Tritanopia
219, 220, 237

Trichromacy



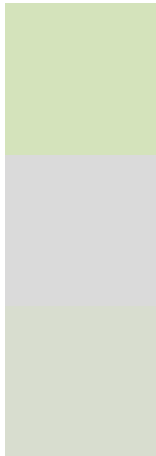
Original Color
212, 227, 187

Protanomaly
225, 223, 185

Deuteranomaly
239, 218, 189

Tritanomaly
216, 223, 219

Monochromacy



Original Color
212, 227, 187

Achromatopsia
218, 218, 218

Achromatomaly
216, 221, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 227, 187 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, 227, 187)` looks like.

```
.text, #text, p{  
    color:rgb(212, 227, 187)  
}
```

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, 227, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 227, 187) }
```

Border

The CSS property to change the border of an element to RGB 212, 227, 187 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, 227, 187) }
```

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

```
.border{ border-color:rgb(212, 227, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 227, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 227, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 227, 187); box-shadow:4px 4px 4px 4px rgb(212, 227, 187) }
```

Background

The CSS property to change the background color of an element to RGB 212, 227, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 227, 187) }
```

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

```
.background{ background-color: rgb(212,  
227, 187) }
```

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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