

Converting Colors

RGB(213, 226, 182)

Have a look what the booklet for
RGB(213, 226, 182) contains.

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Color

RGB(213, 226, 182)

Conversions

Conversions Part 1

Format	Color
Hex	D5E2B6
RGB	213, 226, 182
RGB Percent	84%, 89%, 71%
CMY	0.1647, 0.1137, 0.2863
CMYK	0.06, 0.00, 0.19, 0.11
HSL	78°, 43%, 80%
HSV	78°, 19%, 89%
XYZ	63.0804, 71.9162, 54.8125
YIQ	217.0970, 6.3760, -16.4400

Conversions

Conversions Part 2

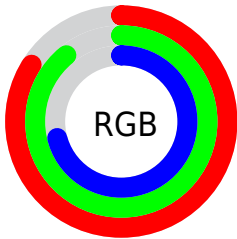
Format	Color
RYB	182, 226, 195
Decimal	14017206
CIELab	87.93, -11.83, 20.09
CIELCh	88, 23.312, 120.497
Yxy	71.9162, 0.3323, 0.3789
Android (android.graphics.Color)	4292207286 (0xFFD5E2B6)
YUV	217.0970, -17.3028, -3.5931
Hunter-Lab	84.8034, -15.6301, 21.0405

Details

The RGB color **213, 226, 182** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **195, 182, 226**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 238**, and **158, 171, 129** is the 20% darker color. If you saturate the color by 10%, you get **206, 226, 159**, and if you desaturate by 10%, it is **220, 226, 205**.

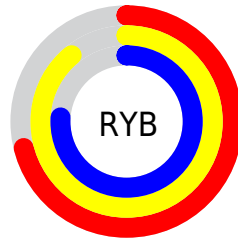
Distribution



Red (84%)

Green (89%)

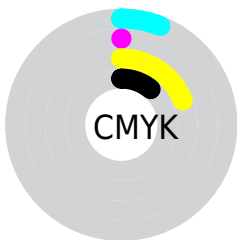
Blue (71%)



Red (71%)

Yellow (89%)

Blue (76%)

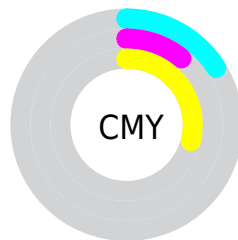


Cyan (6%)

Magenta (0%)

Yellow (19%)

Black (11%)



Cyan (16%)

Magenta (11%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 226, 182 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 213, 226, 182 by changing the saturation by 10% instead.

 213, 226, 182

255, 255, 255


 255, 255, 238

 213, 226, 182

 185, 198, 155

 158, 171, 129

 132, 144, 104

 106, 119, 79

 82, 94, 56

 58, 70, 34

 36, 48, 13

 13, 27, 0

 0, 0, 0

 213, 226, 182

 213, 226, 182

 206, 226, 159

 220, 226, 205

 200, 226, 137


 226, 226, 227

 193, 226, 114

 233, 226, 250

 186, 226, 92


 240, 226, 255

 180, 226, 69

 246, 226, 255

 173, 226, 46

 253, 226, 255

 166, 226, 24

 255, 226, 255

 160, 226, 1

 159, 226, 0

Harmonies

Analogous

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



237, 219, 176



213, 226, 182



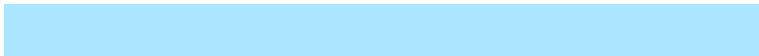
188, 231, 198

Triad

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



213, 226, 182



171, 229, 255



255, 205, 221

Complementary

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



213, 226, 182



195, 182, 226

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, 208, 243



213, 226, 182



196, 222, 255

Square

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



213, 226, 182



160, 233, 242



225, 215, 255



255, 206, 199

Rectangle

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



213, 226, 182



173, 233, 212



225, 215, 255



255, 206, 229

Sweetspot

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



213, 226, 182



250, 255, 240



226, 194, 182



125, 128, 119



0, 0, 0



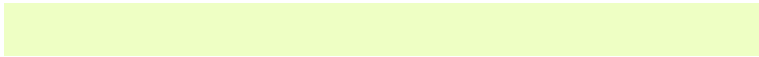
128, 128, 128

Same Dimension

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



213, 226, 182



238, 255, 196



192, 226, 182



109, 112, 101



124, 176, 0



34, 48, 0

Inverse Universe

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



195, 182, 226



214, 196, 255



216, 182, 226



104, 101, 112



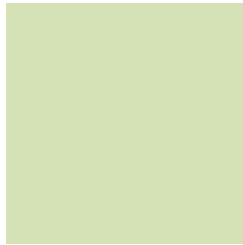
52, 0, 176



14, 0, 48

Previews

White Background



This preview shows how the RGB color 213, 226, 182 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 213, 226, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

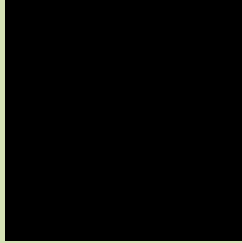
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

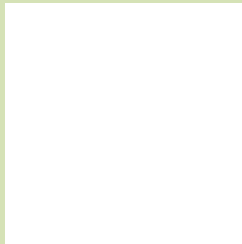
Any Text WCAG AAA ✓ Pass

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

RGB 213, 226, 182 Background



This preview shows how black text looks on a background with the RGB color 213, 226, 182.

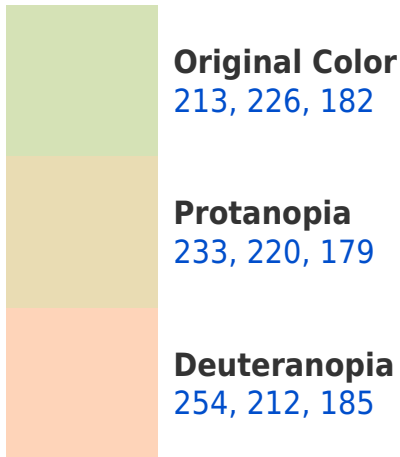


This preview shows how white text looks on a background with the RGB color 213, 226, 182.

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

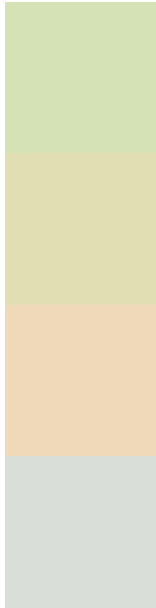




Tritanopia

221, 219, 236

Trichromacy



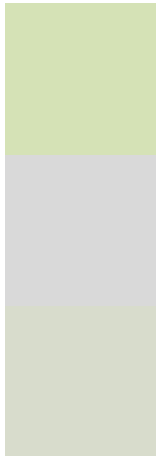
Original Color
213, 226, 182

Protanomaly
226, 222, 180

Deuteranomaly
239, 217, 184

Tritanomaly
218, 222, 216

Monochromacy



Original Color
213, 226, 182

Achromatopsia
217, 217, 217

Achromatomaly
216, 220, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 226, 182 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(213, 226, 182)` looks like.

```
.text, #text, p{  
    color:rgb(213, 226, 182)  
}
```

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(213, 226, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 226, 182) }
```

Border

The CSS property to change the border of an element to RGB 213, 226, 182 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(213, 226, 182) }
```

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

```
.border{ border-color:rgb(213, 226, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 226, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 226, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 226, 182);  
box-shadow:4px 4px 4px 4px rgb(213, 226,  
182) }
```

Background

The CSS property to change the background color of an element to RGB 213, 226, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 226, 182) }
```

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

```
.background{ background-color: rgb(213,  
226, 182) }
```

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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