

Converting Colors

`RYB(187, 211, 182)`

Have a look what the booklet for
RYB(187, 211, 182) contains.

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Color

R_YB(187, 211, 182)

Conversions

Conversions Part 1

Format	Color
Hex	D3CFB6
RGB	211, 207, 182
RGB Percent	83%, 81%, 71%
CMY	0.1725, 0.1893, 0.2863
CMYK	0.00, 0.02, 0.14, 0.17
HSL	51°, 25%, 77%
HSV	51°, 14%, 83%
XYZ	57.5562, 61.7238, 53.1363
YIQ	205.3460, 10.4090, -6.9270

Conversions

Conversions Part 2

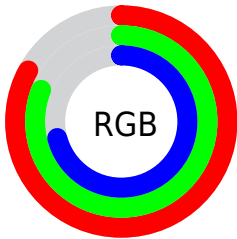
Format	Color
RYB	187, 211, 182
Decimal	13881270
CIELab	82.77, -2.70, 12.83
CIELCh	83, 13.107, 101.901
Yxy	61.7238, 0.3338, 0.3580
Android (android.graphics.Color)	4292071350 (0xFFD3CFB6)
YUV	205.3460, -11.5096, 4.9586
Hunter-Lab	78.5645, -6.7190, 14.8949

Details

The RYB color **187, 211, 182** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **182, 186, 211**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **238, 255, 238**, and **132, 156, 129** is the 20% darker color. If you saturate the color by 10%, you get **169, 211, 161**, and if you desaturate by 10%, it is **204, 211, 203**.

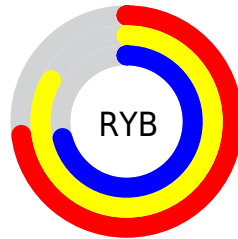
Distribution



Red (83%)

Green (81%)

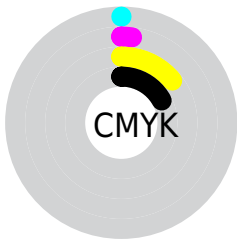
Blue (71%)



Red (73%)

Yellow (83%)

Blue (71%)

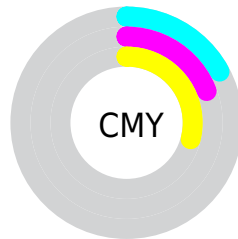


Cyan (0%)

Magenta (2%)

Yellow (14%)

Black (17%)



Cyan (17%)

Magenta (19%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 187, 211, 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 RYB color 187, 211, 182 by changing the saturation by 10% instead.


 187, 211, 182


255, 255, 255

 238, 255, 238

 187, 211, 182

 160, 183, 155

 132, 156, 129


 107, 130, 104

 83, 105, 80

 60, 81, 57

 37, 57, 35

 16, 36, 14

 0, 12, 3

 0, 0, 0

 187, 211, 182

 187, 211, 182


 169, 211, 161


 204, 211, 203

 152, 211, 140


 211, 213, 224

 136, 211, 119

 211, 215, 245

 118, 211, 98

 211, 218, 255

 101, 211, 77

 211, 220, 255

 82, 211, 55


 211, 222, 255

 64, 211, 34

 211, 223, 255

 47, 211, 13

 211, 225, 255

 36, 211, 0

 211, 227, 255

Harmonies

Analogous

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



223, 223, 183



187, 211, 182



188, 210, 201

Triad

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



187, 211, 182



176, 196, 222



227, 199, 214

Complementary

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



187, 211, 182



182, 186, 211

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.



214, 201, 224



187, 211, 182



185, 201, 229

Square

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



187, 211, 182



176, 195, 213



199, 204, 230



232, 198, 201

Rectangle

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



187, 211, 182



188, 207, 212



199, 204, 230



223, 199, 218

Sweetspot

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



187, 211, 182



246, 255, 245



211, 182, 186



122, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



187, 211, 182



221, 255, 214



182, 211, 192



96, 105, 94



28, 168, 0



7, 41, 0

Inverse Universe

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



182, 186, 211



214, 219, 255



192, 182, 211



94, 96, 105



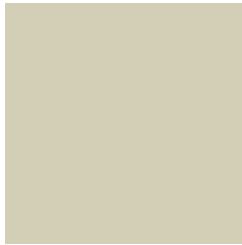
0, 22, 168



0, 5, 41

Previews

White Background



This preview shows how the RYB color 187, 211, 182 looks on a white background.

Color Contrast Check

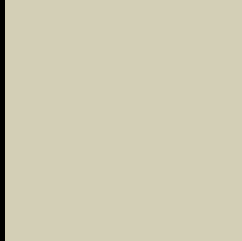
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 187, 211, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

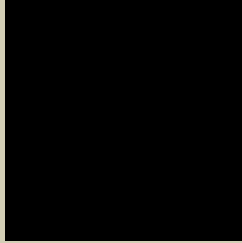
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

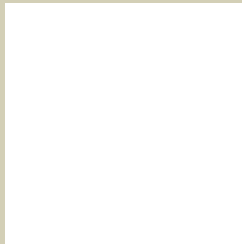
Any Text WCAG AAA ✓ Pass

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

RYB 187, 211, 182 Background



This preview shows how black text looks on a background with the RYB color 187, 211, 182.



This preview shows how white text looks on a background with the RYB color 187, 211, 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



Original Color
187, 211, 182

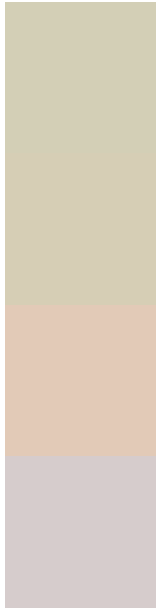
Protanopia
195, 215, 181

Deuteranopia
234, 205, 184



Tritanopia
216, 202, 217

Trichromacy



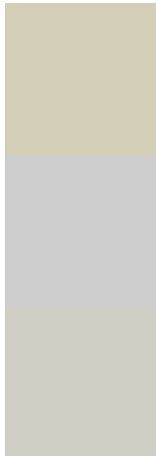
Original Color
187, 211, 182

Protanomaly
192, 214, 181

Deuteranomaly
226, 217, 183

Tritanomaly
214, 204, 204

Monochromacy



Original Color
187, 211, 182

Achromatopsia
205, 205, 205

Achromatomaly
198, 207, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 211, 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(211, 207, 182) looks like.

```
.text, #text, p{  
    color:rgb(211, 207, 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(211, 207, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 207, 182) }
```

Border

The CSS property to change the border of an element to RYB 187, 211, 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(211, 207, 182) }
```

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

```
.border{ border-color:rgb(211, 207, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 207, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 207, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 207, 182);  
box-shadow:4px 4px 4px 4px rgb(211, 207,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 187, 211, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 207, 182) }
```

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

```
.background{ background-color: rgb(211,  
207, 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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