

Converting Colors

`RYB(183, 225, 186)`

Have a look what the booklet for
RYB(183, 225, 186) contains.

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Color

R_YB(183, 225, 186)

Conversions

Conversions Part 1

Format	Color
Hex	DEE1B7
RGB	222, 225, 183
RGB Percent	87%, 88%, 72%
CMY	0.1294, 0.1176, 0.2824
CMYK	0.01, 0.00, 0.19, 0.12
HSL	64°, 41%, 80%
HSV	64°, 19%, 88%
XYZ	65.5967, 72.7989, 55.3940
YIQ	219.3150, 11.6940, -13.6980

Conversions

Conversions Part 2

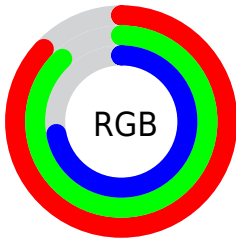
Format	Color
RYB	183, 225, 186
Decimal	14606775
CIELab	88.35, -7.93, 20.26
CIELCh	88, 21.754, 111.385
Yxy	72.7989, 0.3385, 0.3757
Android (android.graphics.Color)	4292796855 (0xFFDEE1B7)
YUV	219.3150, -17.9033, 2.3547
Hunter-Lab	85.3223, -12.0813, 21.2326

Details

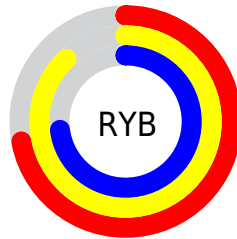
The RYB color **183, 225, 186** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **186, 183, 225**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **239, 255, 239**, and **130, 170, 133** is the 20% darker color. If you saturate the color by 10%, you get **161, 225, 166**, and if you desaturate by 10%, it is **206, 225, 207**.

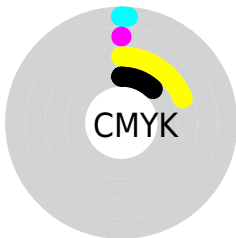
Distribution



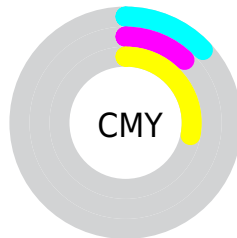
- Red (87%)
- Green (88%)
- Blue (72%)



- Red (72%)
- Yellow (88%)
- Blue (73%)



- Cyan (1%)
- Magenta (0%)
- Yellow (19%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 225, 186 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 183, 225, 186 by changing the saturation by 10% instead.


 183, 225, 186

255, 255, 255


 239, 255, 239

 183, 225, 186

 156, 197, 159

 130, 170, 133

 105, 143, 108

 80, 118, 84

 57, 93, 61

 35, 70, 40


 14, 47, 18

 0, 27, 5

 0, 0, 0

 183, 225, 186

 183, 225, 186

 161, 225, 166

 206, 225, 207

 138, 225, 144


 225, 225, 228

 116, 225, 124

 227, 225, 251

 93, 225, 102

 228, 225, 255

 71, 225, 82

 230, 225, 255

 48, 225, 61

 232, 225, 255

 26, 225, 40

 233, 225, 255

 3, 225, 19

 235, 225, 255

 0, 225, 16

 236, 225, 255

Harmonies

Analogous

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



225, 244, 181



183, 225, 186



195, 230, 227

Triad

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



183, 225, 186



171, 206, 253



255, 208, 229

Complementary

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



183, 225, 186



186, 183, 225

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.



243, 212, 248



183, 225, 186



191, 213, 255

Square

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



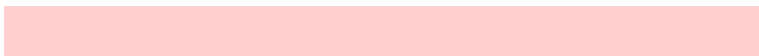
183, 225, 186



167, 201, 236



218, 218, 255



255, 208, 207

Rectangle

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



183, 225, 186



184, 217, 233



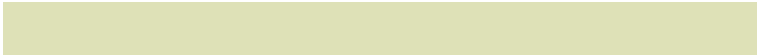
218, 218, 255



255, 209, 235

Sweetspot

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



183, 225, 186



240, 255, 241



225, 186, 183



119, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



183, 225, 186



199, 255, 203



183, 225, 207



101, 112, 102



0, 176, 13



0, 48, 3

Inverse Universe

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



186, 183, 225



203, 199, 255



207, 183, 225



102, 101, 112



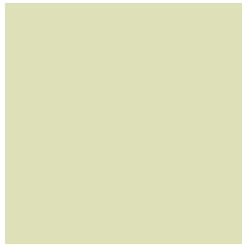
13, 0, 176



3, 0, 48

Previews

White Background



This preview shows how the RYB color 183, 225, 186 looks on a white background.

Color Contrast Check

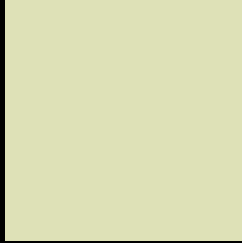
Large Text (above 18pt) WCAG AA × Fail

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 183, 225, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

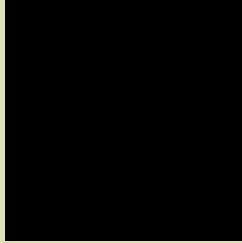
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

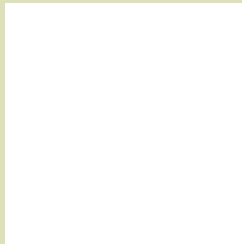
Any Text WCAG AAA ✓ Pass

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

RYB 183, 225, 186 Background



This preview shows how black text looks on a background with the RYB color 183, 225, 186.

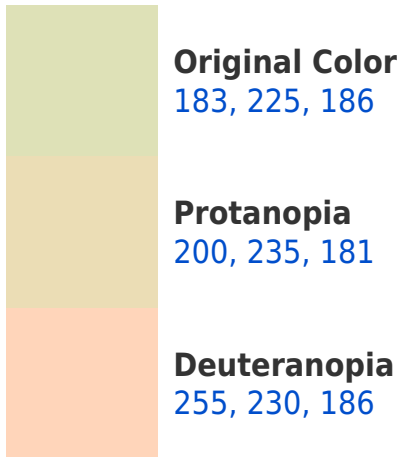


This preview shows how white text looks on a background with the RYB color 183, 225, 186.

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](#).

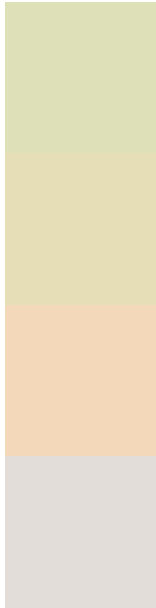
Dichromacy





Tritanopia
229, 218, 235

Trichromacy



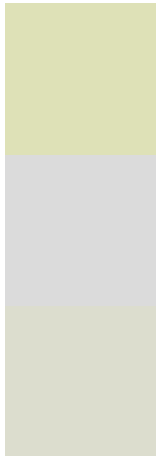
Original Color
183, 225, 186

Protanomaly
192, 230, 182

Deuteranomaly
232, 243, 185

Tritanomaly
226, 226, 216

Monochromacy



Original Color
183, 225, 186

Achromatopsia
219, 219, 219

Achromatomaly
206, 221, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 225, 186 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(222, 225, 183)` looks like.

```
.text, #text, p{  
    color:rgb(222, 225, 183)  
}
```

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(222, 225, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 225, 183) }
```

Border

The CSS property to change the border of an element to RYB 183, 225, 186 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(222, 225, 183) }
```

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

```
.border{ border-color:rgb(222, 225, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 225, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 225, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 225, 183); box-shadow:4px 4px 4px 4px rgb(222, 225, 183) }
```

Background

The CSS property to change the background color of an element to RYB 183, 225, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 225, 183) }
```

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

```
.background{ background-color: rgb(222,  
225, 183) }
```

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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