

Converting Colors

`RYB(185, 223, 189)`

Have a look what the booklet for RYB(185, 223, 189) contains.

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Color

R_YB(185, 223, 189)

Conversions

Conversions Part 1

Format	Color
Hex	DBDFB9
RGB	219, 223, 185
RGB Percent	86%, 87%, 73%
CMY	0.1412, 0.1255, 0.2745
CMYK	0.02, 0.00, 0.17, 0.13
HSL	66°, 37%, 80%
HSV	66°, 17%, 87%
XYZ	64.3580, 71.3382, 56.2766
YIQ	217.4720, 9.8140, -12.6660

Conversions

Conversions Part 2

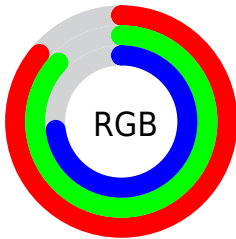
Format	Color
RYB	185, 223, 189
Decimal	14409657
CIELab	87.65, -7.70, 18.20
CIELCh	88, 19.764, 112.937
Yxy	71.3382, 0.3352, 0.3716
Android (android.graphics.Color)	4292599737 (0xFFDBDFB9)
YUV	217.4720, -16.0087, 1.3401
Hunter-Lab	84.4619, -11.7955, 19.6187

Details

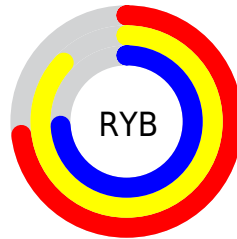
The RYB color **185, 223, 189** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **189, 185, 223**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **241, 255, 241**, and **132, 168, 136** is the 20% darker color. If you saturate the color by 10%, you get **163, 223, 169**, and if you desaturate by 10%, it is **207, 223, 209**.

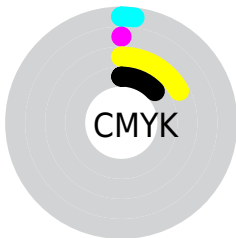
Distribution



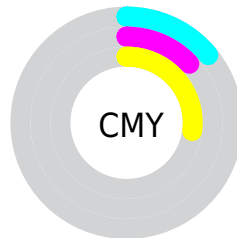
- Red (86%)
- Green (87%)
- Blue (73%)



- Red (73%)
- Yellow (87%)
- Blue (74%)



- Cyan (2%)
- Magenta (0%)
- Yellow (17%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RYB color 185, 223, 189 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 185, 223, 189 by changing the saturation by 10% instead.

 185, 223, 189

 185, 223, 189

255, 255, 255

 158, 195, 162

 241, 255, 241

 132, 168, 136

 106, 141, 110

 82, 116, 86

 59, 91, 63

 37, 68, 42

 16, 46, 21

 0, 25, 5

 0, 0, 0

 185, 223, 189

 185, 223, 189

 163, 223, 169

 207, 223, 209

 140, 223, 149

 224, 223, 230

 118, 223, 129

 226, 223, 252

 96, 223, 109

 228, 223, 255

 74, 223, 90

 231, 223, 255

 51, 223, 69

 233, 223, 255

 29, 223, 49

 235, 223, 255

 7, 223, 30

 238, 223, 255

 0, 223, 23

 240, 223, 255

Harmonies

Analogous

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



219, 239, 183



185, 223, 189



197, 228, 228

Triad

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



185, 223, 189



175, 206, 249



255, 207, 225

Complementary

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



185, 223, 189



189, 185, 223

Split Complementary

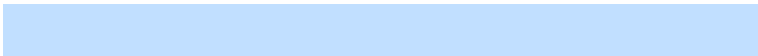
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240, 211, 243



185, 223, 189



193, 213, 255

Square

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



185, 223, 189



170, 201, 234



218, 216, 254



255, 207, 206

Rectangle

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



185, 223, 189



185, 215, 230



218, 216, 254



251, 208, 231

Sweetspot

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



185, 223, 189



242, 255, 243



223, 189, 185



120, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



185, 223, 189



204, 255, 209



185, 223, 208



101, 112, 102



0, 176, 19



0, 48, 5

Inverse Universe

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



189, 185, 223



209, 204, 255



208, 185, 223



102, 101, 112



19, 0, 176



5, 0, 48

Previews

White Background



This preview shows how the RYB color 185, 223, 189 looks on a white background.

Color Contrast Check

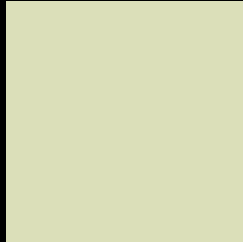
Large Text (above 18pt) WCAG AA × Fail

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 185, 223, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

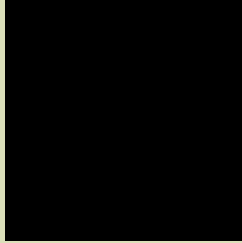
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

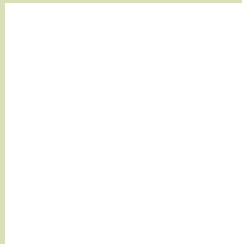
Any Text WCAG AAA ✓ Pass

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

RYB 185, 223, 189 Background



This preview shows how black text looks on a background with the RYB color 185, 223, 189.

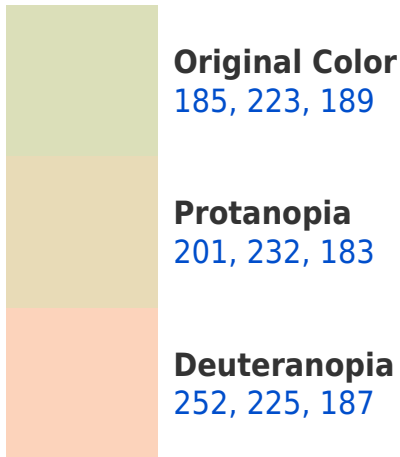


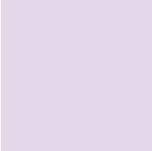
This preview shows how white text looks on a background with the RYB color 185, 223, 189.

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](#).

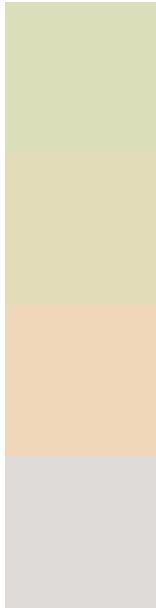
Dichromacy





Tritanopia
226, 216, 233

Trichromacy



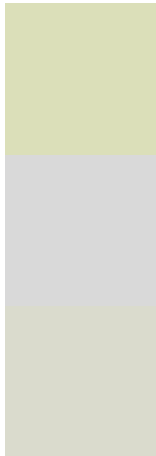
Original Color
185, 223, 189

Protanomaly
192, 227, 184

Deuteranomaly
233, 240, 186

Tritanomaly
223, 221, 216

Monochromacy



Original Color
185, 223, 189

Achromatopsia
217, 217, 217

Achromatomaly
205, 219, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 223, 189 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(219, 223, 185)` looks like.

```
.text, #text, p{  
    color:rgb(219, 223, 185)  
}
```

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(219, 223, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 223, 185) }
```

Border

The CSS property to change the border of an element to RYB 185, 223, 189 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(219, 223, 185) }
```

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

```
.border{ border-color:rgb(219, 223, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 223, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 223, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 223, 185); box-shadow:4px 4px 4px 4px rgb(219, 223, 185) }
```

Background

The CSS property to change the background color of an element to RYB 185, 223, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 223, 185) }
```

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

```
.background{ background-color: rgb(219,  
223, 185) }
```

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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