

Converting Colors

`RYB(185, 229, 198)`

Have a look what the booklet for RYB(185, 229, 198) contains.

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Color

R_YB(185, 229, 198)

Conversions

Conversions Part 1

Format	Color
Hex	D8E5B9
RGB	216, 229, 185
RGB Percent	85%, 90%, 73%
CMY	0.1529, 0.1020, 0.2745
CMYK	0.06, 0.00, 0.19, 0.10
HSL	78°, 46%, 81%
HSV	78°, 19%, 90%
XYZ	65.0952, 74.1403, 56.7786
YIQ	220.0970, 6.3760, -16.4400

Conversions

Conversions Part 2

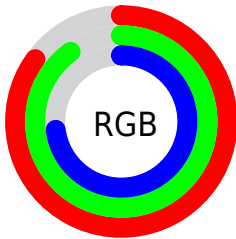
Format	Color
RYB	185, 229, 198
Decimal	14214585
CIELab	88.99, -11.81, 20.04
CIELCh	89, 23.255, 120.511
Yxy	74.1403, 0.3321, 0.3782
Android (android.graphics.Color)	4292404665 (0xFFD8E5B9)
YUV	220.0970, -17.3028, -3.5931
Hunter-Lab	86.1048, -15.7375, 21.1768

Details

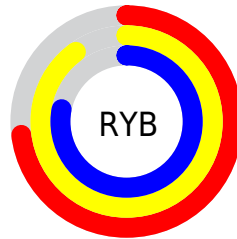
The RYB color **185, 229, 198** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **198, 185, 229**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **241, 255, 241**, and **132, 174, 145** is the 20% darker color. If you saturate the color by 10%, you get **162, 229, 182**, and if you desaturate by 10%, it is **208, 229, 214**.

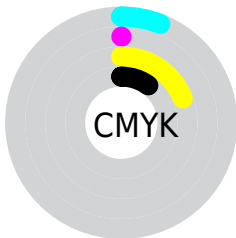
Distribution



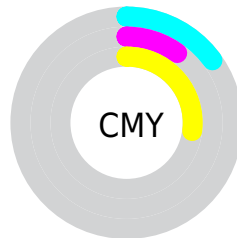
- Red (85%)
- Green (90%)
- Blue (73%)



- Red (73%)
- Yellow (90%)
- Blue (78%)



- Cyan (6%)
- Magenta (0%)
- Yellow (19%)
- Black (10%)



- Cyan (15%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 229, 198 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, 229, 198 by changing the saturation by 10% instead.


 185, 229, 198

255, 255, 255

 241, 255, 241

 185, 229, 198


 158, 201, 171

 132, 174, 145

 106, 147, 118

 82, 121, 94

 59, 96, 71

 36, 73, 48

 15, 50, 27

 0, 29, 11

 0, 0, 0

 185, 229, 198

 185, 229, 198

 162, 229, 182

 208, 229, 214

 139, 229, 166

 230, 229, 231

 116, 229, 149

 236, 229, 254

 93, 229, 133

 243, 229, 255

 70, 229, 117

 250, 229, 255

 48, 229, 102

 255, 229, 255

 25, 229, 85

 2, 229, 69

 0, 229, 68

Harmonies

Analogous

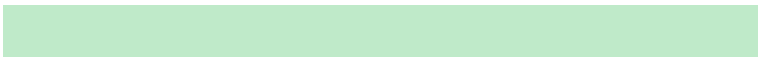
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



205, 240, 179



185, 229, 198



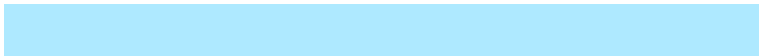
191, 226, 234

Triad

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



185, 229, 198



174, 208, 255



255, 208, 224

Complementary

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



185, 229, 198



198, 185, 229

Split Complementary

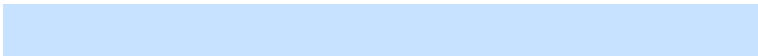
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



253, 211, 246



185, 229, 198



199, 217, 255

Square

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



185, 229, 198



163, 202, 245



228, 218, 255



255, 210, 202

Rectangle

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



185, 229, 198



176, 212, 236



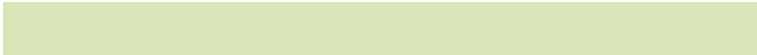
228, 218, 255



255, 209, 231

Sweetspot

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



185, 229, 198



240, 255, 245



229, 202, 185



119, 128, 122



0, 0, 0



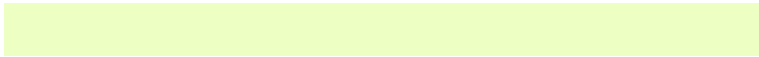
128, 128, 128

Same Dimension

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



185, 229, 198



196, 255, 213



185, 229, 219



103, 115, 107



0, 179, 53



0, 51, 15

Inverse Universe

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



198, 185, 229



214, 196, 255



219, 185, 229



107, 103, 115



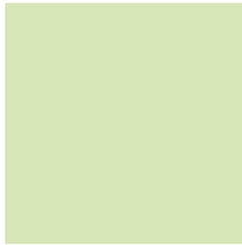
53, 0, 179



15, 0, 51

Previews

White Background



This preview shows how the RYB color 185, 229, 198 looks on a white background.

Color Contrast Check

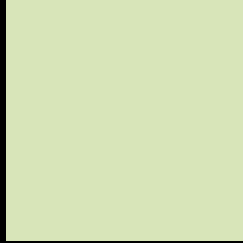
Large Text (above 18pt) WCAG AA × Fail

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, 229, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

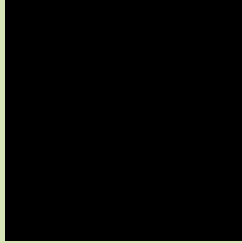
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

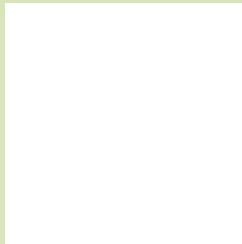
Any Text WCAG AAA ✓ Pass

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

R Y B 185, 229, 198 Background



This preview shows how black text looks on a background with the RYB color 185, 229, 198.

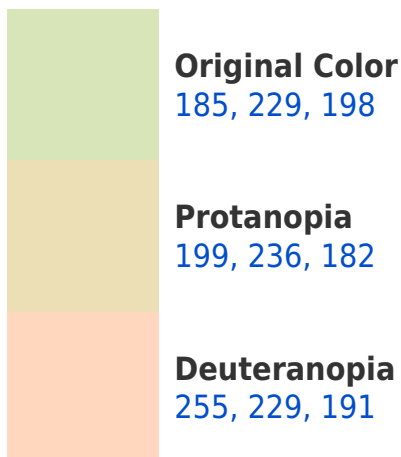


This preview shows how white text looks on a background with the RYB color 185, 229, 198.

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

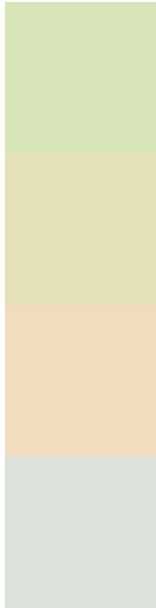




Tritanopia

224, 222, 239

Trichromacy



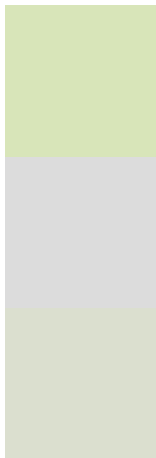
Original Color
185, 229, 198

Protanomaly
187, 229, 183

Deuteranomaly
224, 241, 189

Tritanomaly
219, 225, 223

Monochromacy



Original Color
185, 229, 198

Achromatopsia
220, 220, 220

Achromatomaly
207, 223, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 229, 198 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(216, 229, 185)` looks like.

```
.text, #text, p{  
    color:rgb(216, 229, 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(216, 229, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 229, 185) }
```

Border

The CSS property to change the border of an element to RYB 185, 229, 198 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(216, 229, 185) }
```

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

```
.border{ border-color:rgb(216, 229, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 229, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 229, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 229, 185); box-shadow:4px 4px 4px 4px rgb(216, 229, 185) }
```

Background

The CSS property to change the background color of an element to RYB 185, 229, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 229, 185) }
```

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

```
.background{ background-color: rgb(216,  
229, 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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