

Converting Colors

`RYB(199, 243, 185)`

Have a look what the booklet for
RYB(199, 243, 185) contains.

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Color

R_YB(199, 243, 185)

Conversions

Conversions Part 1

Format	Color
Hex	F3E8B9
RGB	243, 232, 185
RGB Percent	95%, 91%, 73%
CMY	0.0471, 0.0913, 0.2745
CMYK	0.00, 0.05, 0.24, 0.05
HSL	48°, 71%, 84%
HSV	48°, 24%, 95%
XYZ	74.4976, 80.1144, 57.4361
YIQ	229.9310, 21.6430, -12.2850

Conversions

Conversions Part 2

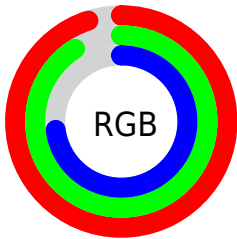
Format	Color
RYB	199, 243, 185
Decimal	15984825
CIELab	91.74, -3.38, 24.15
CIELCh	92, 24.388, 97.957
Yxy	80.1144, 0.3513, 0.3778
Android (android.graphics.Color)	4294174905 (0xFFFF3E8B9)
YUV	229.9310, -22.1510, 11.4615
Hunter-Lab	89.5067, -8.0687, 24.6085

Details

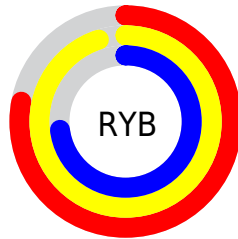
The RYB color **199, 243, 185** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **185, 194, 243**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **241, 255, 241**, and **144, 186, 132** is the 20% darker color. If you saturate the color by 10%, you get **181, 243, 161**, and if you desaturate by 10%, it is **218, 243, 209**.

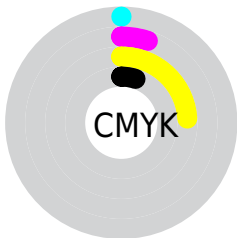
Distribution



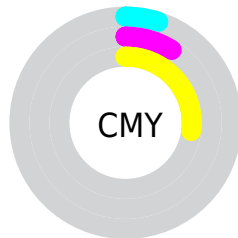
- Red (95%)
- Green (91%)
- Blue (73%)



- Red (78%)
- Yellow (95%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (24%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 243, 185 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 199, 243, 185 by changing the saturation by 10% instead.


 199, 243, 185

255, 255, 255

 241, 255, 241

 199, 243, 185

 170, 214, 158

 144, 186, 132

 117, 159, 106

 92, 132, 82

 68, 107, 58

 44, 82, 36

 20, 58, 14

 5, 36, 0

 0, 9, 8

■ 199, 243, 185

■ 199, 243, 185

■ 181, 243, 161

■ 218, 243, 209

■ 162, 243, 136

■ 237, 243, 234

■ 143, 243, 112

■ 243, 245, 255

■ 125, 243, 88

■ 243, 248, 255

■ 108, 243, 64

■ 243, 249, 255

■ 89, 243, 39

■ 70, 243, 15

■ 58, 243, 0

Harmonies

Analogous

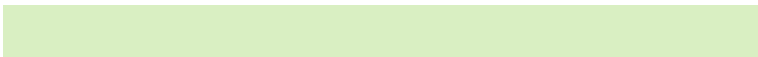
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247, 255, 189



199, 243, 185



194, 239, 216

Triad

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



199, 243, 185



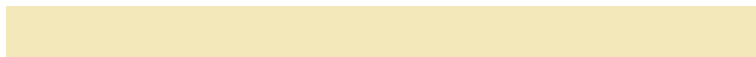
168, 208, 255



255, 217, 249

Complementary

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



199, 243, 185



185, 194, 243

Split Complementary

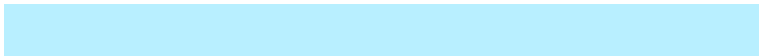
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243, 223, 255



199, 243, 185



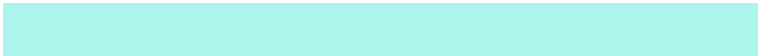
184, 215, 255

Square

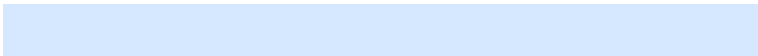
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



199, 243, 185



172, 211, 245



213, 226, 255



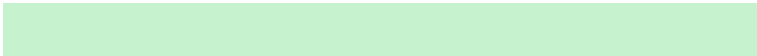
255, 215, 226

Rectangle

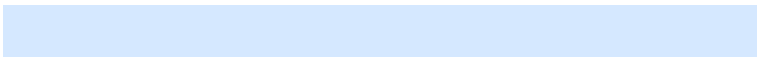
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



199, 243, 185



199, 236, 242



213, 226, 255



255, 219, 255

Sweetspot

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



199, 243, 185



241, 255, 237



243, 185, 197



119, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

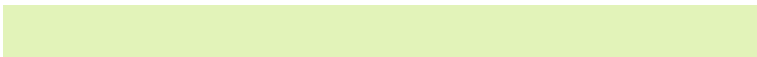
The Same Dimension uses a secret algorithm to generate beautiful new colors.



199, 243, 185



198, 255, 181



185, 243, 202



112, 122, 110



45, 186, 0



15, 59, 0

Inverse Universe

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



185, 194, 243



181, 193, 255



202, 185, 243



110, 112, 122



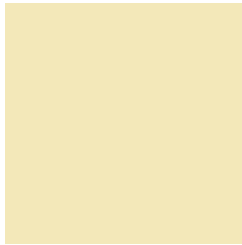
0, 30, 186



0, 9, 59

Previews

White Background



This preview shows how the RYB color 199, 243, 185 looks on a white background.

Color Contrast Check

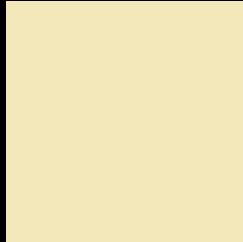
Large Text (above 18pt) WCAG AA × Fail

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 199, 243, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

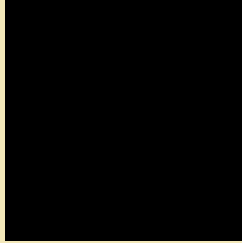
Any Text WCAG AA ✓ Pass

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 199, 243, 185 Background



This preview shows how black text looks on a background with the RYB color 199, 243, 185.



This preview shows how white text looks on a background with the RYB color 199, 243, 185.

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
199, 243, 185

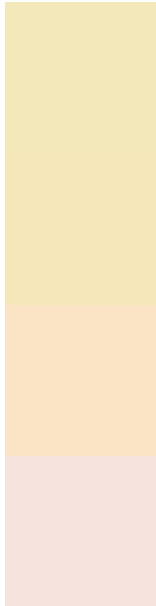
Protanopia
205, 246, 185

Deuteranopia
255, 240, 206



Tritanopia
250, 224, 242

Trichromacy



Original Color

199, 243, 185

Protanomaly

203, 245, 185

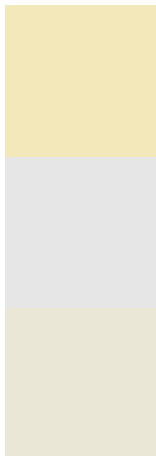
Deuteranomaly

239, 251, 198

Tritanomaly

247, 229, 221

Monochromacy



Original Color

199, 243, 185

Achromatopsia

230, 230, 230

Achromatomaly

219, 235, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 243, 185 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(243, 232, 185)` looks like.

```
.text, #text, p{  
    color:rgb(243, 232, 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(243, 232, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 232, 185) }
```

Border

The CSS property to change the border of an element to RYB 199, 243, 185 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(243, 232, 185) }
```

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

```
.border{ border-color:rgb(243, 232, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 232, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 232, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 232, 185); box-shadow:4px 4px 4px 4px rgb(243, 232, 185) }
```

Background

The CSS property to change the background color of an element to RYB 199, 243, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 232, 185) }
```

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

```
.background{ background-color: rgb(243,  
232, 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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