

Converting Colors

`RYB(202, 239, 185)`

Have a look what the booklet for
RYB(202, 239, 185) contains.

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Color

R_YB(202, 239, 185)

Conversions

Conversions Part 1

Format	Color
Hex	EFE2B9
RGB	239, 226, 185
RGB Percent	94%, 89%, 73%
CMY	0.0627, 0.1134, 0.2745
CMYK	0.00, 0.05, 0.23, 0.06
HSL	46°, 63%, 83%
HSV	46°, 23%, 94%
XYZ	71.5691, 76.2845, 56.8512
YIQ	225.2130, 20.9090, -9.9950

Conversions

Conversions Part 2

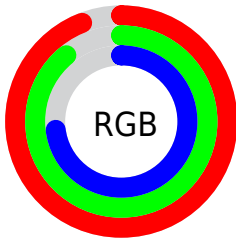
Format	Color
RYB	202, 239, 185
Decimal	15721145
CIELab	89.99, -1.98, 21.70
CIElCh	90, 21.785, 95.206
Yxy	76.2845, 0.3496, 0.3727
Android (android.graphics.Color)	4293911225 (0xFFEFE2B9)
YUV	225.2130, -19.8250, 12.0912
Hunter-Lab	87.3410, -6.5801, 22.5462

Details

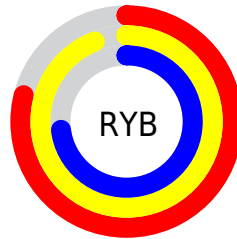
The RYB color **202, 239, 185** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **185, 195, 239**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **241, 255, 241**, and **148, 183, 132** is the 20% darker color. If you saturate the color by 10%, you get **186, 239, 161**, and if you desaturate by 10%, it is **218, 239, 209**.

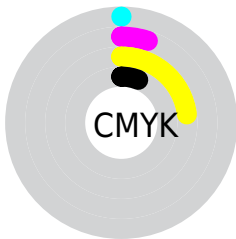
Distribution



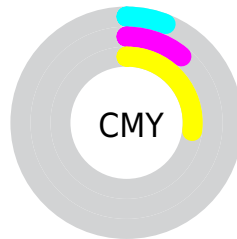
- Red (94%)
- Green (89%)
- Blue (73%)



- Red (79%)
- Yellow (94%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (23%)
- Black (6%)



- Cyan (6%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 239, 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 202, 239, 185 by changing the saturation by 10% instead.


 202, 239, 185

255, 255, 255

 241, 255, 241

 202, 239, 185

 174, 210, 158

 148, 183, 132

 120, 155, 106

 95, 129, 82

 70, 103, 59

 46, 79, 36

 23, 55, 15

 7, 33, 0

 0, 0, 0

■ 202, 239, 185

■ 202, 239, 185

■ 186, 239, 161

■ 218, 239, 209

■ 168, 239, 137

■ 234, 239, 233

■ 152, 239, 113

■ 239, 242, 255

■ 136, 239, 89

■ 239, 245, 255

■ 120, 239, 65

■ 239, 247, 255

■ 104, 239, 42

■ 88, 239, 18

■ 75, 239, 0

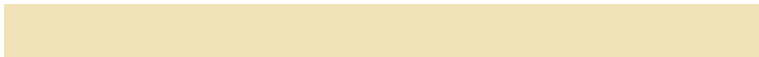
Harmonies

Analogous

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



255, 244, 189



202, 239, 185



192, 232, 208

Triad

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



202, 239, 185



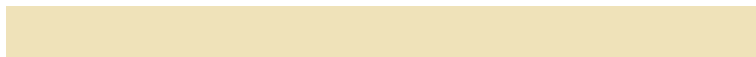
171, 207, 250



255, 214, 244

Complementary

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



202, 239, 185



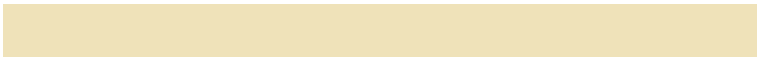
185, 195, 239

Split Complementary

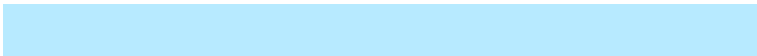
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235, 220, 255



202, 239, 185



183, 213, 255

Square

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



202, 239, 185



175, 210, 239



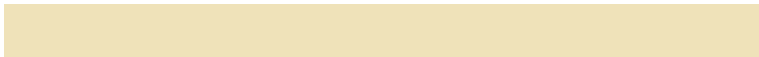
208, 222, 255



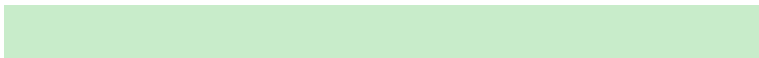
255, 212, 223

Rectangle

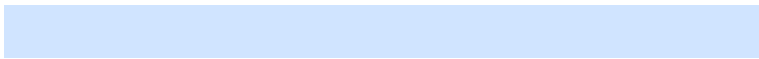
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



202, 239, 185



200, 234, 236



208, 222, 255



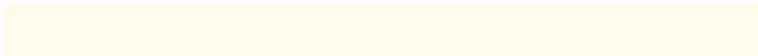
250, 216, 250

Sweetspot

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



202, 239, 185



242, 255, 237



239, 185, 198



121, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

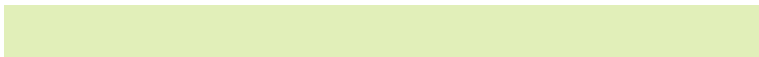
The Same Dimension uses a secret algorithm to generate beautiful new colors.



202, 239, 185



207, 255, 186



185, 239, 199



112, 120, 108



58, 184, 0



17, 56, 0

Inverse Universe

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



185, 195, 239



186, 200, 255



198, 185, 239



108, 110, 120



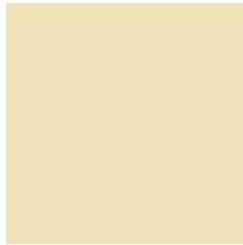
0, 36, 184



0, 11, 56

Previews

White Background



This preview shows how the RYB color 202, 239, 185 looks on a white background.

Color Contrast Check

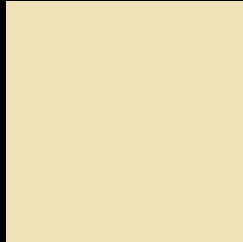
Large Text (above 18pt) WCAG AA × Fail

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 202, 239, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

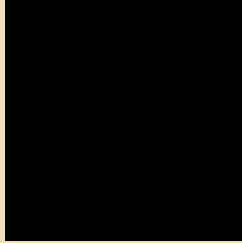
Any Text WCAG AA ✓ Pass

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 202, 239, 185 Background



This preview shows how black text looks on a background with the RYB color 202, 239, 185.

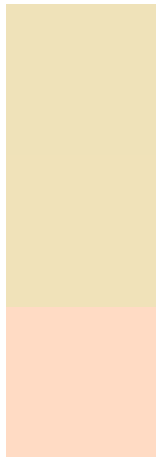


This preview shows how white text looks on a background with the RYB color 202, 239, 185.

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
202, 239, 185

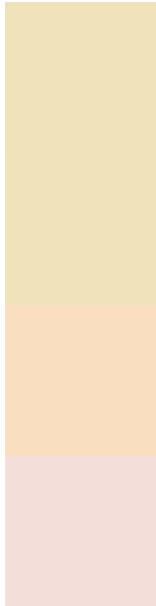
Protanopia
204, 240, 185

Deuteranopia
255, 234, 196



Tritanopia
245, 219, 236

Trichromacy



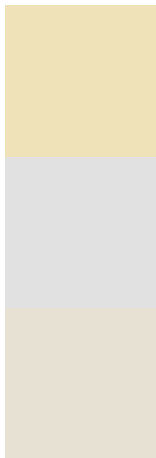
Original Color
202, 239, 185

Protanomaly
204, 240, 185

Deuteranomaly
243, 249, 192

Tritanomaly
243, 223, 217

Monochromacy



Original Color
202, 239, 185

Achromatopsia
225, 225, 225

Achromatomaly
217, 230, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 239, 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(239, 226, 185) looks like.

```
.text, #text, p{  
    color:rgb(239, 226, 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(239, 226, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 226, 185) }
```

Border

The CSS property to change the border of an element to RYB 202, 239, 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(239, 226, 185) }
```

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

```
.border{ border-color:rgb(239, 226, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 226, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 226, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 226, 185);  
box-shadow:4px 4px 4px 4px rgb(239, 226,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 202, 239, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 226, 185) }
```

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

```
.background{ background-color: rgb(239,  
226, 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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