

Converting Colors

`RYB(211, 235, 194)`

Have a look what the booklet for
RYB(211, 235, 194) contains.

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Color

R_YB(211, 235, 194)

Conversions

Conversions Part 1

Format	Color
Hex	EBDFC2
RGB	235, 223, 194
RGB Percent	92%, 87%, 76%
CMY	0.0784, 0.1256, 0.2392
CMYK	0.00, 0.05, 0.17, 0.08
HSL	42°, 51%, 84%
HSV	42°, 17%, 92%
XYZ	70.3816, 74.3233, 61.6753
YIQ	223.2820, 16.4610, -6.4750

Conversions

Conversions Part 2

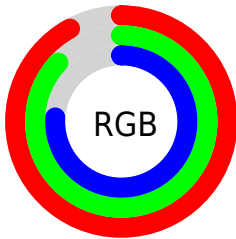
Format	Color
R _Y B	211, 235, 194
Decimal	15458242
CIE Lab	89.08, -0.56, 15.68
CIE LCh	89, 15.693, 92.035
Yxy	74.3233, 0.3410, 0.3601
Android (android.graphics.Color)	4293648322 (0xFFEBDFC2)
YUV	223.2820, -14.4360, 10.2767
Hunter-Lab	86.2110, -5.1440, 17.9317

Details

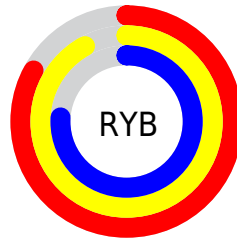
The RYB color **211, 235, 194** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **194, 203, 235**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **251, 255, 251**, and **155, 179, 140** is the 20% darker color. If you saturate the color by 10%, you get **198, 235, 171**, and if you desaturate by 10%, it is **224, 235, 217**.

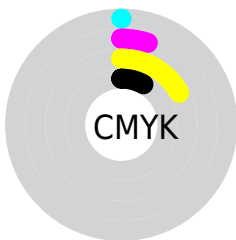
Distribution



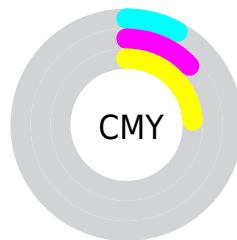
- Red (92%)
- Green (87%)
- Blue (76%)



- Red (83%)
- Yellow (92%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (17%)
- Black (8%)



- Cyan (8%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 235, 194 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 211, 235, 194 by changing the saturation by 10% instead.

■ 211, 235, 194

255, 255, 255

■ 251, 255, 251

■ 211, 235, 194

■ 184, 207, 167

■ 155, 179, 140

■ 129, 152, 115

■ 104, 126, 90

■ 81, 101, 67

■ 55, 76, 44

■ 32, 53, 23

■ 11, 33, 0

■ 0, 0, 0

■ 211, 235, 194

■ 211, 235, 194

■ 198, 235, 171

■ 224, 235, 217

■ 184, 235, 147

■ 235, 237, 241

■ 171, 235, 124

■ 235, 241, 255

■ 157, 235, 100

■ 235, 244, 255

■ 141, 235, 76

■ 235, 245, 255

■ 128, 235, 53

■ 114, 235, 29

■ 101, 235, 6

■ 98, 235, 0

Harmonies

Analogous

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



248, 231, 198



211, 235, 194



198, 228, 208

Triad

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



211, 235, 194



186, 211, 239



244, 215, 238

Complementary

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



211, 235, 194



194, 203, 235

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.



228, 220, 249



211, 235, 194



193, 215, 250

Square

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



211, 235, 194



189, 214, 233



209, 221, 253



254, 214, 223

Rectangle

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



211, 235, 194



205, 230, 228



209, 221, 253



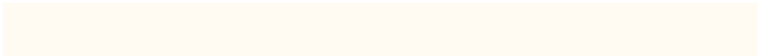
240, 217, 242

Sweetspot

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



211, 235, 194



248, 255, 242



235, 194, 206



125, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



211, 235, 194



224, 255, 201



194, 235, 202



110, 117, 106



75, 181, 0



23, 54, 0

Inverse Universe

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



194, 203, 235



201, 213, 255



202, 194, 235



106, 108, 117



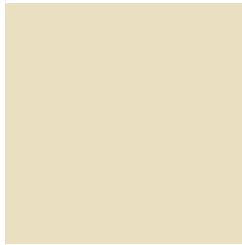
0, 41, 181



0, 12, 54

Previews

White Background



This preview shows how the RYB color 211, 235, 194 looks on a white background.

Color Contrast Check

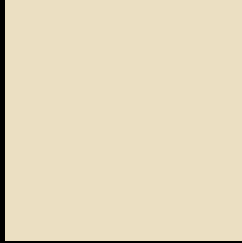
Large Text (above 18pt) WCAG AA × Fail

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 211, 235, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

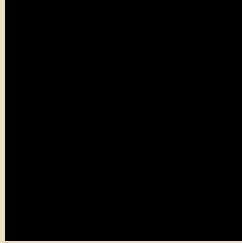
Any Text WCAG AA ✓ Pass

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 211, 235, 194 Background



This preview shows how black text looks on a background with the RYB color 211, 235, 194.



This preview shows how white text looks on a background with the RYB color 211, 235, 194.

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](#).

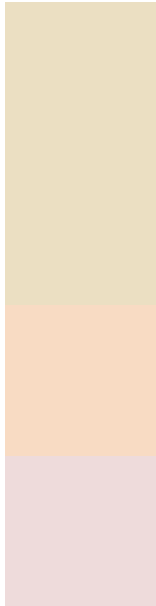
Dichromacy

	Original Color 211, 235, 194
	Protanopia 211, 235, 194
	Deuteranopia 255, 226, 196



Tritanopia
240, 217, 234

Trichromacy



Original Color

211, 235, 194

Protanomaly

211, 235, 194

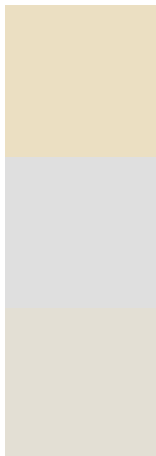
Deuteranomaly

248, 239, 195

Tritanomaly

238, 219, 219

Monochromacy



Original Color

211, 235, 194

Achromatopsia

223, 223, 223

Achromatomaly

217, 227, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 235, 194 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(235, 223, 194) looks like.

```
.text, #text, p{  
    color:rgb(235, 223, 194)  
}
```

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(235, 223, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 223, 194) }
```

Border

The CSS property to change the border of an element to RYB 211, 235, 194 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(235, 223, 194) }
```

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

```
.border{ border-color:rgb(235, 223, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 223, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 223, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 223, 194);  
box-shadow:4px 4px 4px 4px rgb(235, 223,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 211, 235, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 223, 194) }
```

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

```
.background{ background-color: rgb(235,  
223, 194) }
```

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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