

Converting Colors

`RYB(213, 238, 201)`

Have a look what the booklet for
RYB(213, 238, 201) contains.

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Color

$\text{RYB}(213, 238, 201)$

Conversions

Conversions Part 1

Format	Color
Hex	EEE5C9
RGB	238, 229, 201
RGB Percent	93%, 90%, 79%
CMY	0.0667, 0.1022, 0.2118
CMYK	0.00, 0.04, 0.16, 0.07
HSL	45°, 52%, 86%
HSV	45°, 16%, 93%
XYZ	73.8049, 78.3989, 66.5009
YIQ	228.4990, 14.3520, -6.8000

Conversions

Conversions Part 2

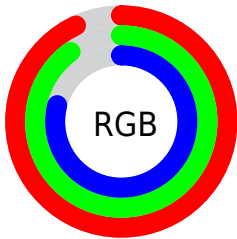
Format	Color
R _Y B	213, 238, 201
Decimal	15656393
CIE Lab	90.96, -1.47, 14.73
CIE LCh	91, 14.801, 95.703
Yxy	78.3989, 0.3375, 0.3585
Android (android.graphics.Color)	4293846473 (0xFFEEE5C9)
YUV	228.4990, -13.5570, 8.3324
Hunter-Lab	88.5432, -6.1624, 17.4501

Details

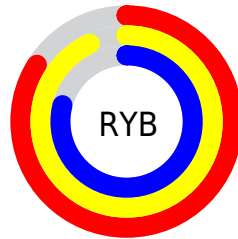
The RYB color **213, 238, 201** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **201, 208, 238**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **157, 182, 147** is the 20% darker color. If you saturate the color by 10%, you get **197, 238, 177**, and if you desaturate by 10%, it is **229, 238, 225**.

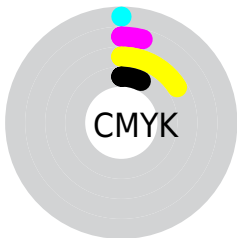
Distribution



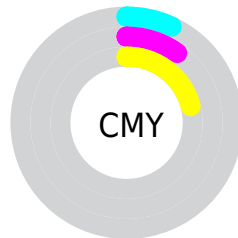
- Red (93%)
- Green (90%)
- Blue (79%)



- Red (84%)
- Yellow (93%)
- Blue (79%)



- Cyan (0%)
- Magenta (4%)
- Yellow (16%)
- Black (7%)



- Cyan (7%)
- Magenta (10%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 238, 201 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 213, 238, 201 by changing the saturation by 10% instead.

■ 213, 238, 201

255, 255, 255

■ 213, 238, 201

■ 186, 210, 174

■ 157, 182, 147

■ 131, 155, 121

■ 107, 129, 96

■ 79, 103, 72

■ 58, 79, 50

■ 37, 56, 29

■ 11, 35, 4

■ 0, 4, 2

■ 213, 238, 201

■ 213, 238, 201

■ 197, 238, 177

■ 229, 238, 225

■ 181, 238, 153

■ 238, 240, 249

■ 166, 238, 130

■ 238, 243, 255

■ 148, 238, 106

■ 238, 246, 255

■ 132, 238, 82

■ 238, 247, 255

■ 116, 238, 58

■ 100, 238, 34

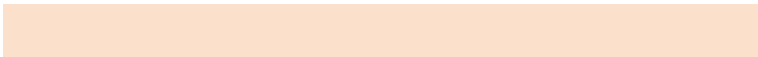
■ 85, 238, 11

■ 77, 238, 0

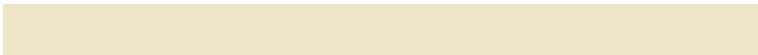
Harmonies

Analogous

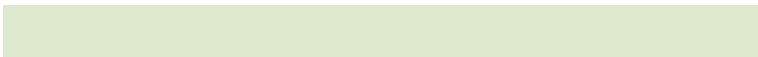
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



251, 239, 204



213, 238, 201



206, 233, 217

Triad

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



213, 238, 201



194, 217, 245



250, 221, 241

Complementary

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



213, 238, 201



201, 208, 238

Split Complementary

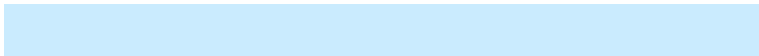
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235, 225, 252



213, 238, 201



202, 222, 254

Square

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



213, 238, 201



196, 219, 238



217, 226, 255



255, 219, 227

Rectangle

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



213, 238, 201



211, 234, 236



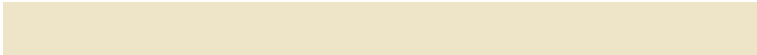
217, 226, 255



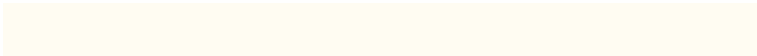
246, 222, 245

Sweetspot

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



213, 238, 201



246, 255, 242



238, 201, 210



123, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



213, 238, 201



223, 255, 207



201, 238, 210



112, 120, 108



60, 184, 0



19, 56, 0

Inverse Universe

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



201, 208, 238



207, 216, 255



210, 201, 238



108, 110, 120



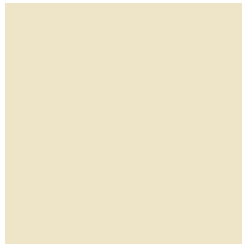
0, 36, 184



0, 11, 56

Previews

White Background



This preview shows how the RYB color 213, 238, 201 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 213, 238, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

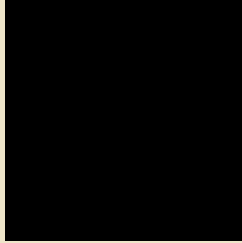
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

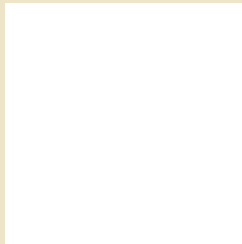
Any Text WCAG AAA ✓ Pass

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

RYB 213, 238, 201 Background



This preview shows how black text looks on a background with the RYB color 213, 238, 201.

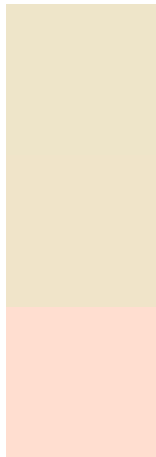


This preview shows how white text looks on a background with the RYB color 213, 238, 201.

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
213, 238, 201

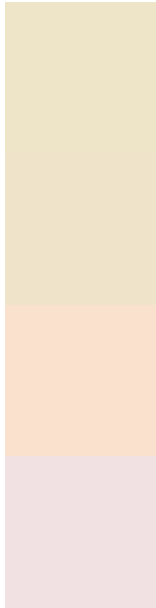
Protanopia
218, 240, 201

Deuteranopia
255, 228, 208



Tritanopia
243, 223, 241

Trichromacy



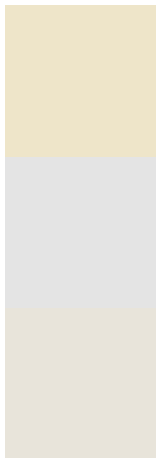
Original Color
213, 238, 201

Protanomaly
216, 239, 201

Deuteranomaly
249, 242, 205

Tritanomaly
241, 225, 226

Monochromacy



Original Color
213, 238, 201

Achromatopsia
228, 228, 228

Achromatomaly
224, 232, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 238, 201 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(238, 229, 201) looks like.

```
.text, #text, p{  
    color:rgb(238, 229, 201)  
}
```

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(238, 229, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 229, 201) }
```

Border

The CSS property to change the border of an element to RYB 213, 238, 201 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(238, 229, 201) }
```

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

```
.border{ border-color:rgb(238, 229, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 229, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 229, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 229, 201);  
box-shadow:4px 4px 4px 4px rgb(238, 229,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 238, 229, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 229, 201) }
```

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

```
.background{ background-color: rgb(238,  
229, 201) }
```

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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