

Converting Colors

`RYB(211, 255, 188)`

Have a look what the booklet for
RYB(211, 255, 188) contains.

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Color

R_YB(211, 255, 188)

Conversions

Conversions Part 1

Format	Color
Hex	FFEEBC
RGB	255, 238, 188
RGB Percent	100%, 93%, 74%
CMY	0.0000, 0.0671, 0.2627
CMYK	0.00, 0.07, 0.26, 0.00
HSL	45°, 100%, 87%
HSV	45°, 26%, 100%
XYZ	80.8561, 85.9688, 59.9090
YIQ	237.3830, 26.1820, -11.9460

Conversions

Conversions Part 2

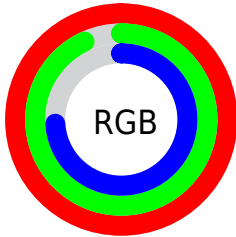
Format	Color
RYB	211, 255, 188
Decimal	16772796
CIELab	94.30, -1.66, 26.29
CIELCh	94, 26.338, 93.621
Yxy	85.9688, 0.3566, 0.3792
Android (android.graphics.Color)	4294962876 (0xFFFFEEBC)
YUV	237.3830, -24.3458, 15.4501
Hunter-Lab	92.7193, -6.5976, 26.5943

Details

The RYB color **211, 255, 188** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **188, 202, 255**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **244, 255, 244**, and **155, 198, 134** is the 20% darker color. If you saturate the color by 10%, you get **195, 255, 163**, and if you desaturate by 10%, it is **229, 255, 214**.

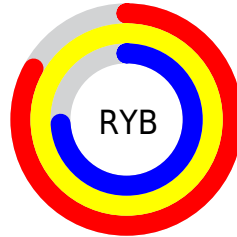
Distribution



Red (100%)

Green (93%)

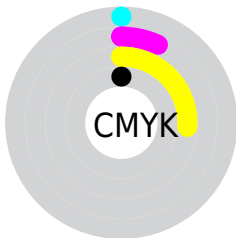
Blue (74%)



Red (83%)

Yellow (100%)

Blue (74%)

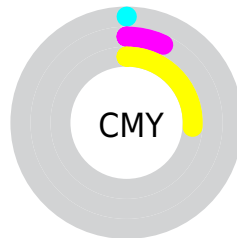


Cyan (0%)

Magenta (7%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the RYB color 211, 255, 188 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, 255, 188 by changing the saturation by 10% instead.

 211, 255, 188

255, 255, 255


 244, 255, 244

 211, 255, 188

 182, 226, 161

 155, 198, 134

 129, 170, 109

 102, 143, 84

 78, 117, 61

 52, 91, 38

 28, 67, 16

 10, 44, 0

 4, 18, 0

■ 211, 255, 188

■ 211, 255, 188

■ 195, 255, 163

■ 229, 255, 214

■ 177, 255, 137

■ 244, 255, 239

■ 162, 255, 112

255, 255, 255

■ 144, 255, 86

■ 128, 255, 61

■ 110, 255, 35

■ 95, 255, 10

■ 87, 255, 0

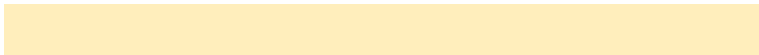
Harmonies

Analogous

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



239, 255, 194



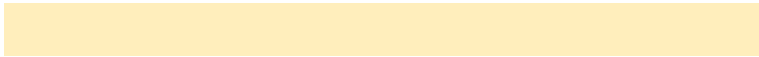
211, 255, 188



196, 246, 215

Triad

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



211, 255, 188



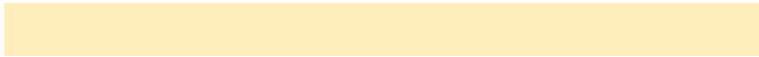
168, 211, 255



255, 224, 255

Complementary

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



211, 255, 188



188, 202, 255

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.



247, 231, 255



211, 255, 188



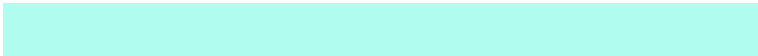
183, 217, 255

Square

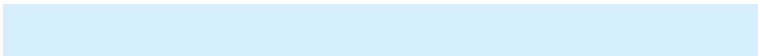
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



211, 255, 188



176, 218, 253



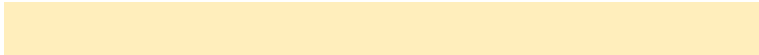
213, 229, 255



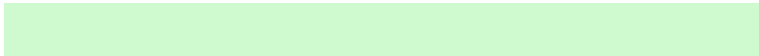
255, 221, 236

Rectangle

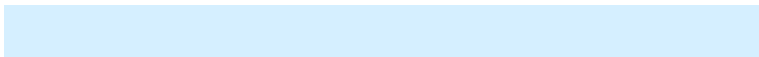
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



211, 255, 188



207, 249, 250



213, 229, 255



255, 226, 255

Sweetspot

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



211, 255, 188



242, 255, 235



255, 188, 206



121, 128, 115



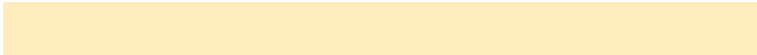
0, 0, 0



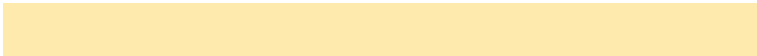
128, 128, 128

Same Dimension

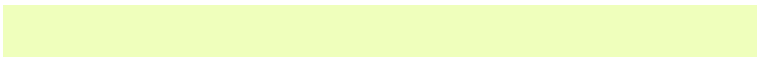
The Same Dimension uses a secret algorithm to generate beautiful new colors.



211, 255, 188



201, 255, 173



188, 255, 204



121, 128, 115



66, 191, 0



23, 64, 0

Inverse Universe

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



188, 202, 255



173, 190, 255



204, 188, 255



115, 117, 128



0, 39, 191



0, 13, 64

Previews

White Background



This preview shows how the RYB color 211, 255, 188 looks on a white background.

Color Contrast Check

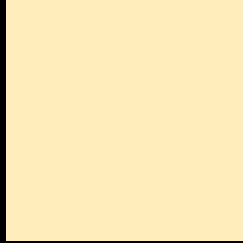
Large Text (above 18pt) WCAG AA × Fail

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, 255, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

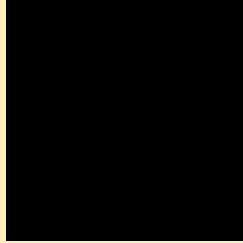
Any Text WCAG AA ✓ Pass

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, 255, 188 Background



This preview shows how black text looks on a background with the RYB color 211, 255, 188.



This preview shows how white text looks on a background with the RYB color 211, 255, 188.

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, 255, 188

Protanopia

209, 254, 188

Deuteranopia

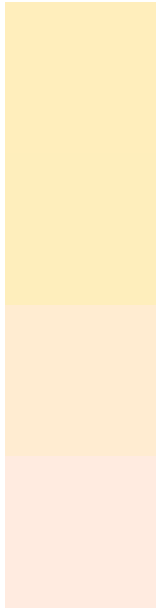
255, 245, 221



Tritanopia

255, 233, 245

Trichromacy



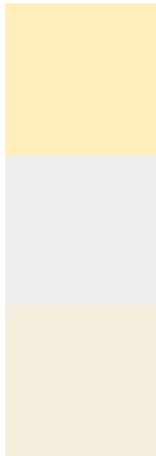
Original Color
211, 255, 188

Protanomaly
209, 254, 188

Deuteranomaly
241, 255, 209

Tritanomaly
255, 241, 224

Monochromacy



Original Color
211, 255, 188

Achromatopsia
237, 237, 237

Achromatomaly
229, 244, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 255, 188 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(255, 238, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 188)  
}
```

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(255, 238, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 188) }
```

Border

The CSS property to change the border of an element to RYB 211, 255, 188 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(255, 238, 188) }
```

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

```
.border{ border-color:rgb(255, 238, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 238, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 211, 255, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 188) }
```

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

```
.background{ background-color: rgb(255,  
238, 188) }
```

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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