

Converting Colors

`RYB(211, 255, 175)`

Have a look what the booklet for
RYB(211, 255, 175) contains.

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Color

R_YB(211, 255, 175)

Conversions

Conversions Part 1

Format	Color
Hex	FFE6AF
RGB	255, 230, 175
RGB Percent	100%, 90%, 69%
CMY	0.0000, 0.0974, 0.3137
CMYK	0.00, 0.10, 0.31, 0.00
HSL	41°, 100%, 84%
HSV	41°, 31%, 100%
XYZ	77.3227, 81.0448, 52.1253
YIQ	231.2050, 32.5550, -11.8050

Conversions

Conversions Part 2

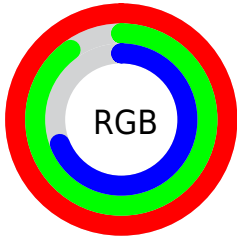
Format	Color
RYB	211, 255, 175
Decimal	16770735
CIELab	92.15, 0.59, 30.01
CIELCh	92, 30.018, 88.877
Yxy	81.0448, 0.3673, 0.3850
Android (android.graphics.Color)	4294960815 (0xFFFFE6AF)
YUV	231.2050, -27.7091, 20.8682
Hunter-Lab	90.0249, -4.2293, 28.6879

Details

The RYB color **211, 255, 175** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **175, 194, 255**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **231, 255, 231**, and **153, 197, 122** is the 20% darker color. If you saturate the color by 10%, you get **197, 255, 149**, and if you desaturate by 10%, it is **226, 255, 201**.

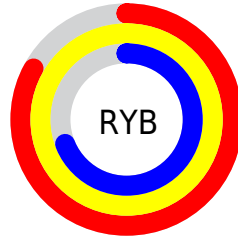
Distribution



Red (100%)

Green (90%)

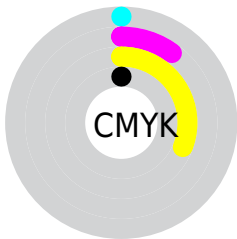
Blue (69%)



Red (83%)

Yellow (100%)

Blue (69%)

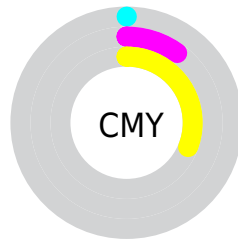


Cyan (0%)

Magenta (10%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the RYB color 211, 255, 175 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, 175 by changing the saturation by 10% instead.

 211, 255, 175

255, 255, 255


 231, 255, 231

 211, 255, 175


 183, 226, 148


 153, 197, 122


 127, 169, 97


 101, 142, 73

 74, 116, 49

 48, 90, 27

 18, 65, 2

 15, 42, 0

 11, 13, 0

■ 211, 255, 175

■ 211, 255, 175

■ 197, 255, 149

■ 226, 255, 201

■ 184, 255, 124

■ 239, 255, 226

■ 169, 255, 98

■ 254, 255, 252

■ 154, 255, 73

■ 255, 255, 255

■ 141, 255, 48

■ 126, 255, 22

■ 114, 255, 0

Harmonies

Analogous

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



249, 255, 184



211, 255, 175



182, 239, 197

Triad

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



211, 255, 175



149, 200, 255



255, 216, 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, 175



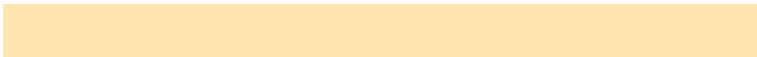
175, 194, 255

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.



236, 225, 255



211, 255, 175



162, 205, 255

Square

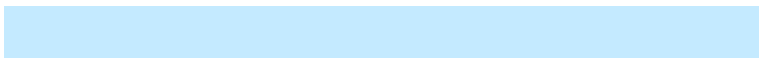
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



211, 255, 175



162, 211, 249



196, 219, 255



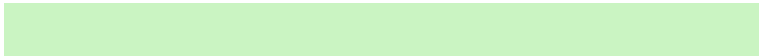
255, 212, 235

Rectangle

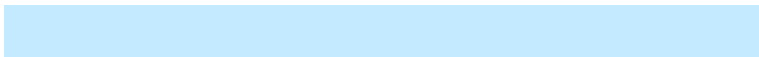
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



211, 255, 175



194, 244, 236



196, 219, 255



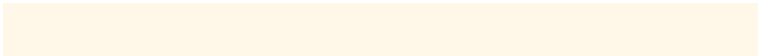
255, 219, 255

Sweetspot

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



211, 255, 175



242, 255, 232



255, 175, 200



121, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

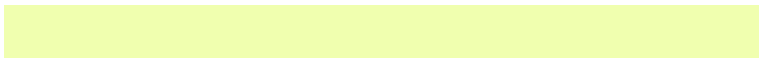
The Same Dimension uses a secret algorithm to generate beautiful new colors.



211, 255, 175



201, 255, 158



175, 255, 190



121, 128, 115



85, 191, 0



29, 64, 0

Inverse Universe

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



175, 194, 255



158, 181, 255



190, 175, 255



115, 118, 128



0, 45, 191



0, 15, 64

Previews

White Background



This preview shows how the RYB color 211, 255, 175 looks on a white background.

Color Contrast Check

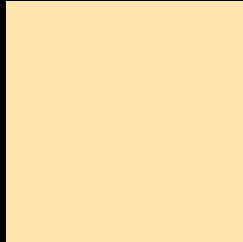
Large Text (above 18pt) WCAG AA × Fail

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, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

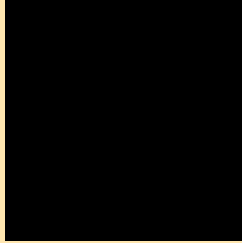
Any Text WCAG AA ✓ Pass

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, 175 Background



This preview shows how black text looks on a background with the RYB color 211, 255, 175.



This preview shows how white text looks on a background with the RYB color 211, 255, 175.

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, 175

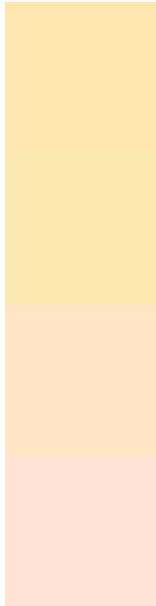
Protanopia
198, 249, 176

Deuteranopia
255, 246, 206



Tritanopia
255, 225, 237

Trichromacy



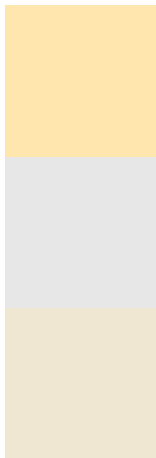
Original Color
211, 255, 175

Protanomaly
203, 251, 176

Deuteranomaly
241, 255, 195

Tritanomaly
255, 233, 214

Monochromacy



Original Color
211, 255, 175

Achromatopsia
231, 231, 231

Achromatomaly
224, 240, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 255, 175 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, 230, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 175)  
}
```

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, 230, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 175) }
```

Border

The CSS property to change the border of an element to RYB 211, 255, 175 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, 230, 175) }
```

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

```
.border{ border-color:rgb(255, 230, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 211, 255, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 175) }
```

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

```
.background{ background-color: rgb(255,  
230, 175) }
```

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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