

Converting Colors

`RYB(211, 236, 180)`

Have a look what the booklet for
RYB(211, 236, 180) contains.

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Color

R_YB(211, 236, 180)

Conversions

Conversions Part 1

Format	Color
Hex	ECD8B4
RGB	236, 216, 180
RGB Percent	93%, 85%, 71%
CMY	0.0745, 0.1528, 0.2941
CMYK	0.00, 0.08, 0.24, 0.07
HSL	39°, 60%, 82%
HSV	39°, 24%, 93%
XYZ	67.3979, 70.2635, 53.1900
YIQ	217.8760, 23.4760, -6.9560

Conversions

Conversions Part 2

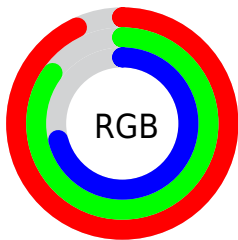
Format	Color
R _Y B	211, 236, 180
Decimal	15521972
CIE Lab	87.13, 1.36, 20.29
CIE LCh	87, 20.335, 86.167
Yxy	70.2635, 0.3531, 0.3682
Android (android.graphics.Color)	4293712052 (0xFFECD8B4)
YUV	217.8760, -18.6729, 15.8947
Hunter-Lab	83.8233, -3.1682, 21.0539

Details

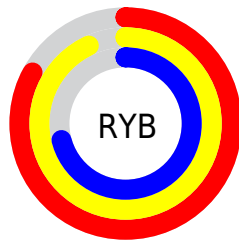
The RYB color **211, 236, 180** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **180, 195, 236**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **236, 255, 236**, and **157, 180, 127** is the 20% darker color. If you saturate the color by 10%, you get **199, 236, 156**, and if you desaturate by 10%, it is **223, 236, 204**.

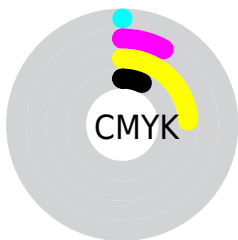
Distribution



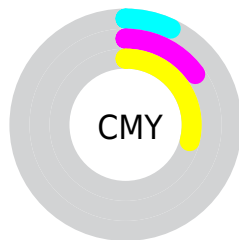
- Red (93%)
- Green (85%)
- Blue (71%)



- Red (83%)
- Yellow (93%)
- Blue (71%)



- Cyan (0%)
- Magenta (8%)
- Yellow (24%)
- Black (7%)



- Cyan (7%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RYB color 211, 236, 180 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, 236, 180 by changing the saturation by 10% instead.

 211, 236, 180

255, 255, 255


 236, 255, 236


 211, 236, 180


 182, 207, 153

 157, 180, 127


 128, 152, 102

 102, 126, 78

 77, 101, 55

 54, 76, 33

 26, 52, 11

 15, 30, 0

 0, 0, 0

 211, 236, 180

 211, 236, 180

 199, 236, 156


 223, 236, 204

 191, 236, 133


 232, 236, 227

 179, 236, 109


 236, 240, 251

 170, 236, 86

 236, 244, 255

 158, 236, 62

 236, 246, 255

 146, 236, 38

 138, 236, 15

 130, 236, 0

Harmonies

Analogous

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



252, 223, 187



211, 236, 180



183, 222, 190

Triad

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



211, 236, 180



167, 199, 234



241, 208, 240

Complementary

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



211, 236, 180



180, 195, 236

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.



219, 214, 253



211, 236, 180



174, 205, 250

Square

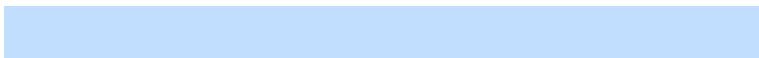
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



211, 236, 180



175, 206, 229



194, 213, 255



255, 205, 221

Rectangle

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



211, 236, 180



191, 226, 217



194, 213, 255



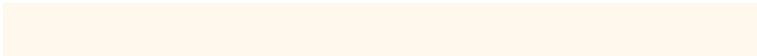
234, 210, 245

Sweetspot

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



211, 236, 180



246, 255, 237



236, 180, 201



123, 128, 117



0, 0, 0



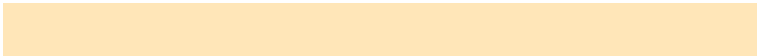
128, 128, 128

Same Dimension

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



211, 236, 180



223, 255, 184



180, 236, 187



112, 117, 106



99, 181, 0



32, 54, 0

Inverse Universe

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



180, 195, 236



184, 202, 255



187, 180, 236



106, 109, 117



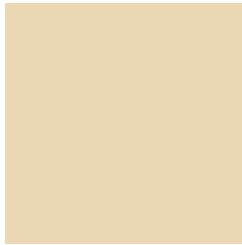
0, 48, 181



0, 14, 54

Previews

White Background



This preview shows how the RYB color 211, 236, 180 looks on a white background.

Color Contrast Check

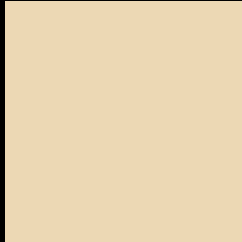
Large Text (above 18pt) WCAG AA × Fail

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, 236, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

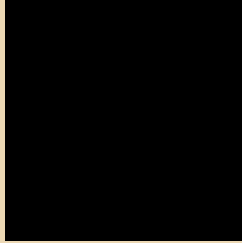
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

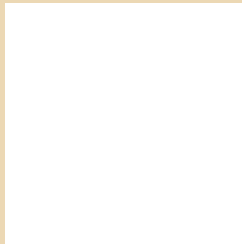
Any Text WCAG AAA ✓ Pass

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

RYB 211, 236, 180 Background



This preview shows how black text looks on a background with the RYB color 211, 236, 180.

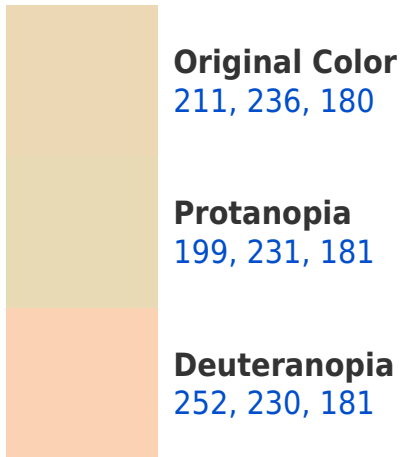


This preview shows how white text looks on a background with the RYB color 211, 236, 180.

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](#).

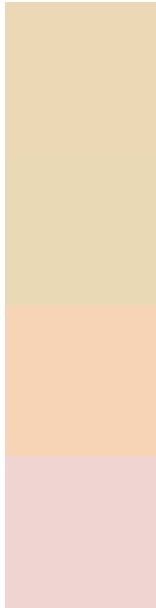
Dichromacy





Tritanopia
242, 210, 226

Trichromacy



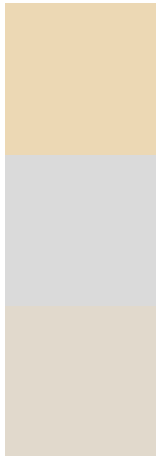
Original Color
211, 236, 180

Protanomaly
204, 233, 181

Deuteranomaly
246, 240, 181

Tritanomaly
240, 212, 209

Monochromacy



Original Color
211, 236, 180

Achromatopsia
218, 218, 218

Achromatomaly
217, 225, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 236, 180 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(236, 216, 180) looks like.

```
.text, #text, p{  
    color:rgb(236, 216, 180)  
}
```

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(236, 216, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 216, 180) }
```

Border

The CSS property to change the border of an element to RYB 211, 236, 180 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(236, 216, 180) }
```

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

```
.border{ border-color:rgb(236, 216, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 216, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 216, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 216, 180); box-shadow:4px 4px 4px 4px rgb(236, 216, 180) }
```

Background

The CSS property to change the background color of an element to RGB 211, 236, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 216, 180) }
```

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

```
.background{ background-color: rgb(236,  
216, 180) }
```

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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