

Converting Colors

`RYB(216, 250, 185)`

Have a look what the booklet for
RYB(216, 250, 185) contains.

RYB(216, 250, 185)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(216, 250, 185)

Conversions

Conversions Part 1

Format	Color
Hex	FAE5B9
RGB	250, 229, 185
RGB Percent	98%, 90%, 73%
CMY	0.0196, 0.1019, 0.2745
CMYK	0.00, 0.08, 0.26, 0.02
HSL	41°, 87%, 85%
HSV	41°, 26%, 98%
XYZ	76.2035, 79.8712, 57.2993
YIQ	230.2630, 26.6400, -9.2320

Conversions

Conversions Part 2

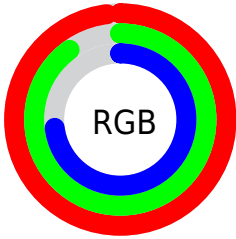
Format	Color
R_{YB}	216, 250, 185
Decimal	16442809
CIE _{Lab}	91.63, 0.59, 24.09
CIE _{LCh}	92, 24.101, 88.605
Yxy	79.8712, 0.3571, 0.3743
Android (android.graphics.Color)	4294632889 (0xFFFAE5B9)
YUV	230.2630, -22.3147, 17.3093
Hunter-Lab	89.3707, -4.1975, 24.5462

Details

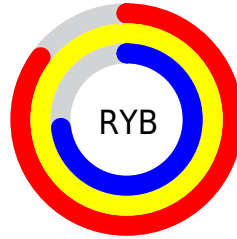
The RYB color **216, 250, 185** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **185, 201, 250**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **241, 255, 241**, and **160, 193, 132** is the 20% darker color. If you saturate the color by 10%, you get **203, 250, 160**, and if you desaturate by 10%, it is **229, 250, 210**.

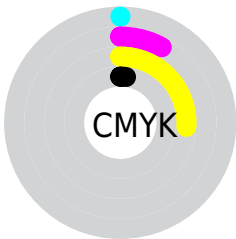
Distribution



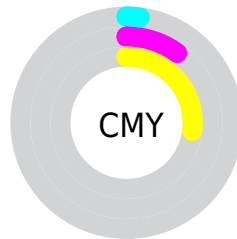
- Red (98%)
- Green (90%)
- Blue (73%)



- Red (85%)
- Yellow (98%)
- Blue (73%)



- Cyan (0%)
- Magenta (8%)
- Yellow (26%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 216, 250, 185 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 216, 250, 185 by changing the saturation by 10% instead.


 216, 250, 185

255, 255, 255

 241, 255, 241

 216, 250, 185

 187, 221, 158


 160, 193, 132

 132, 165, 106

 106, 138, 82

 79, 112, 58

 55, 87, 36

 31, 63, 15

 13, 40, 0

 11, 9, 0

■ 216, 250, 185

■ 216, 250, 185

■ 203, 250, 160

■ 229, 250, 210

■ 190, 250, 135

■ 243, 250, 235

■ 176, 250, 110

■ 250, 252, 255

■ 163, 250, 85

■ 250, 253, 255

■ 150, 250, 60

■ 137, 250, 35

■ 123, 250, 10

■ 120, 250, 0

Harmonies

Analogous

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



255, 246, 192



216, 250, 185



190, 236, 201

Triad

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



216, 250, 185



168, 208, 252



255, 218, 255

Complementary

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



216, 250, 185



185, 201, 250

Split Complementary

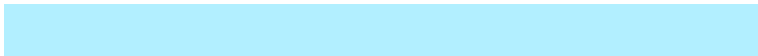
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234, 225, 255



216, 250, 185



178, 212, 255

Square

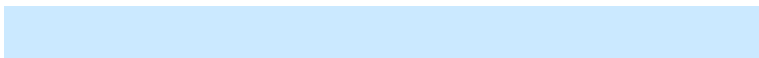
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216, 250, 185



177, 215, 244



203, 222, 255



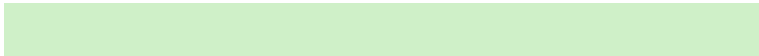
255, 215, 233

Rectangle

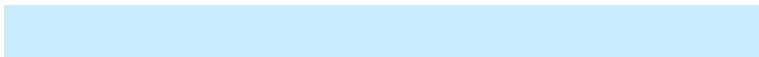
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216, 250, 185



200, 240, 233



203, 222, 255



252, 221, 255

Sweetspot

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



216, 250, 185



246, 255, 235



250, 185, 207



123, 128, 115



0, 0, 0



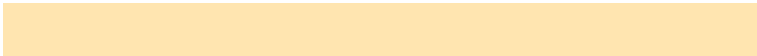
128, 128, 128

Same Dimension

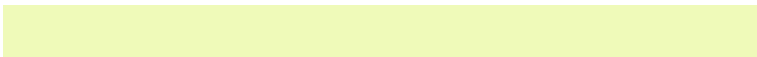
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216, 250, 185



215, 255, 176



185, 250, 196



118, 125, 112



90, 189, 0



30, 61, 0

Inverse Universe

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



185, 201, 250



176, 195, 255



196, 185, 250



112, 115, 125



0, 46, 189



0, 15, 61

Previews

White Background



This preview shows how the RYB color 216, 250, 185 looks on a white background.

Color Contrast Check

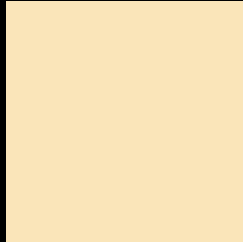
Large Text (above 18pt) WCAG AA × Fail

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 216, 250, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

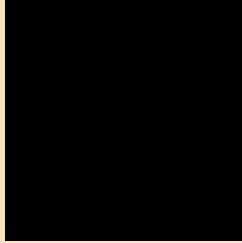
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

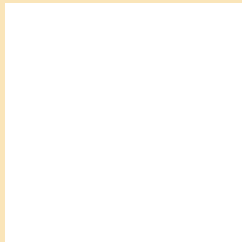
Any Text WCAG AAA ✓ Pass

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

R Y B 216, 250, 185 Background



This preview shows how black text looks on a background with the RYB color 216, 250, 185.

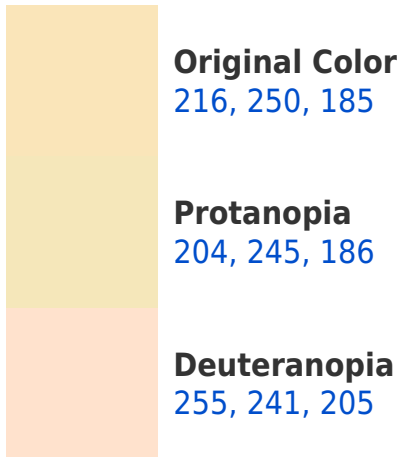


This preview shows how white text looks on a background with the RYB color 216, 250, 185.

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](#).

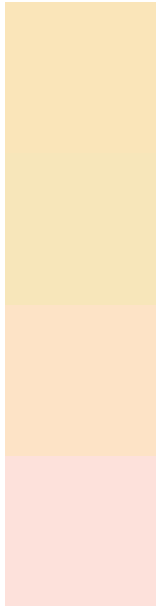
Dichromacy





Tritanopia
255, 222, 238

Trichromacy



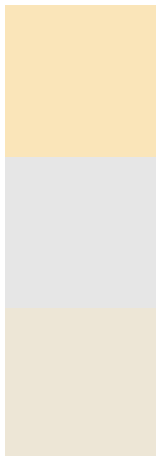
Original Color
216, 250, 185

Protanomaly
210, 247, 186

Deuteranomaly
247, 253, 198

Tritanomaly
253, 226, 219

Monochromacy



Original Color
216, 250, 185

Achromatopsia
230, 230, 230

Achromatomaly
224, 237, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 216, 250, 185 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(250, 229, 185) looks like.

```
.text, #text, p{  
    color:rgb(250, 229, 185)  
}
```

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(250, 229, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 229, 185) }
```

Border

The CSS property to change the border of an element to RYB 216, 250, 185 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(250, 229, 185) }
```

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

```
.border{ border-color:rgb(250, 229, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 229, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 229, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 229, 185); box-shadow:4px 4px 4px 4px rgb(250, 229, 185) }
```

Background

The CSS property to change the background color of an element to RGB 216, 250, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 229, 185) }
```

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

```
.background{ background-color: rgb(250,  
229, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor