

Converting Colors

`RYB(220, 252, 185)`

Have a look what the booklet for
RYB(220, 252, 185) contains.

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Color

R_YB(220, 252, 185)

Conversions

Conversions Part 1

Format	Color
Hex	FCE5B9
RGB	252, 229, 185
RGB Percent	99%, 90%, 73%
CMY	0.0118, 0.1019, 0.2745
CMYK	0.00, 0.09, 0.27, 0.01
HSL	39°, 92%, 86%
HSV	39°, 27%, 99%
XYZ	76.9239, 80.2423, 57.3329
YIQ	230.8610, 27.8320, -8.8080

Conversions

Conversions Part 2

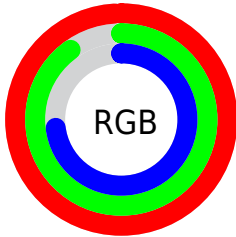
Format	Color
R _Y B	220, 252, 185
Decimal	16573881
CIE Lab	91.79, 1.33, 24.35
CIE LCh	92, 24.385, 86.877
Yxy	80.2423, 0.3586, 0.3741
Android (android.graphics.Color)	4294763961 (0xFFFC E5B9)
YUV	230.8610, -22.6095, 18.5389
Hunter-Lab	89.5781, -3.4773, 24.7571

Details

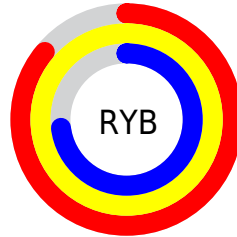
The RYB color **220, 252, 185** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **185, 202, 252**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **241, 255, 241**, and **164, 195, 132** is the 20% darker color. If you saturate the color by 10%, you get **209, 252, 160**, and if you desaturate by 10%, it is **231, 252, 210**.

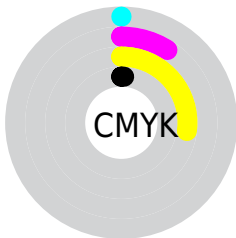
Distribution



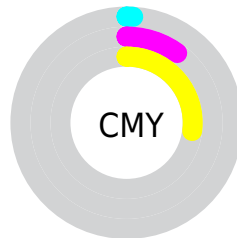
- Red (99%)
- Green (90%)
- Blue (73%)



- Red (86%)
- Yellow (99%)
- Blue (73%)



- Cyan (0%)
- Magenta (9%)
- Yellow (27%)
- Black (1%)



- Cyan (1%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 220, 252, 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 220, 252, 185 by changing the saturation by 10% instead.


 220, 252, 185


255, 255, 255

 241, 255, 241

 220, 252, 185

 191, 223, 158

 164, 195, 132


 136, 167, 106

 110, 140, 82

 82, 114, 58

 59, 89, 36

 33, 64, 15

 15, 41, 0

 13, 8, 0

■ 220, 252, 185

■ 220, 252, 185

■ 209, 252, 160

■ 231, 252, 210

■ 196, 252, 135

■ 244, 252, 235

■ 184, 252, 109

■ 252, 254, 255

■ 173, 252, 84

■ 159, 252, 59

■ 148, 252, 34

■ 137, 252, 9

■ 131, 252, 0

Harmonies

Analogous

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



255, 244, 193



220, 252, 185



189, 236, 198

Triad

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



220, 252, 185



168, 208, 252



255, 219, 255

Complementary

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



220, 252, 185



185, 202, 252

Split Complementary

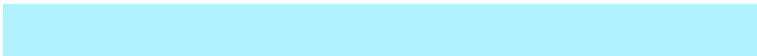
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233, 226, 255



220, 252, 185



176, 212, 255

Square

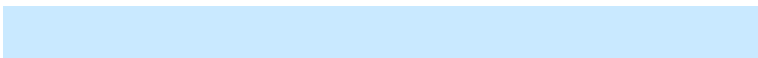
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220, 252, 185



178, 216, 245



201, 221, 255



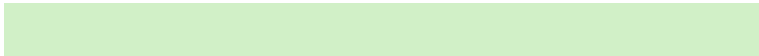
255, 215, 235

Rectangle

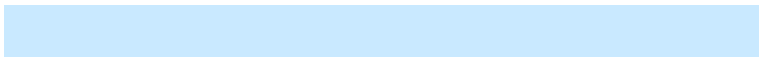
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



220, 252, 185



199, 240, 230



201, 221, 255



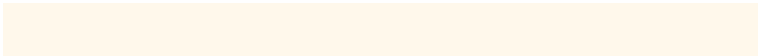
252, 221, 255

Sweetspot

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



220, 252, 185



246, 255, 235



252, 185, 208



123, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

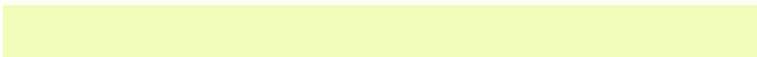
The Same Dimension uses a secret algorithm to generate beautiful new colors.



220, 252, 185



216, 255, 173



185, 252, 195



118, 125, 112



99, 189, 0



32, 61, 0

Inverse Universe

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



185, 202, 252



173, 194, 255



195, 185, 252



112, 116, 125



0, 48, 189



0, 16, 61

Previews

White Background



This preview shows how the RYB color 220, 252, 185 looks on a white background.

Color Contrast Check

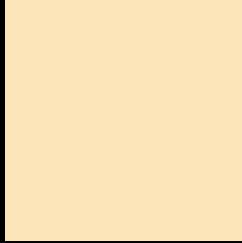
Large Text (above 18pt) WCAG AA × Fail

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 220, 252, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

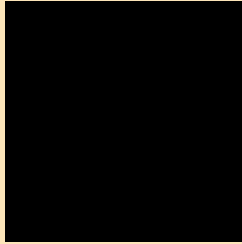
Any Text WCAG AA ✓ Pass

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](#).

RYB 220, 252, 185 Background



This preview shows how black text looks on a background with the RYB color 220, 252, 185.

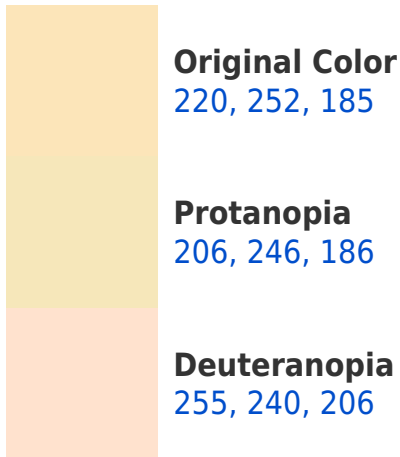


This preview shows how white text looks on a background with the RYB color 220, 252, 185.

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](#).

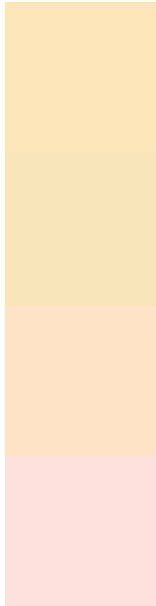
Dichromacy





Tritanopia
255, 223, 238

Trichromacy



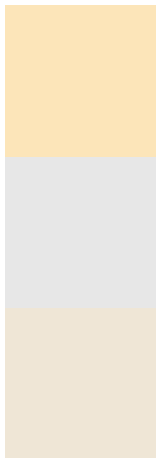
Original Color
220, 252, 185

Protanomaly
211, 248, 186

Deuteranomaly
250, 254, 198

Tritanomaly
254, 226, 219

Monochromacy



Original Color
220, 252, 185

Achromatopsia
231, 231, 231

Achromatomaly
228, 239, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 220, 252, 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(252, 229, 185) looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 229, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 229, 185) }
```

Border

The CSS property to change the border of an element to RYB 220, 252, 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(252, 229, 185) }
```

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

```
.border{ border-color:rgb(252, 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(252, 229, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 229, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 229, 185);  
box-shadow:4px 4px 4px 4px rgb(252, 229,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 220, 252, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 229, 185) }
```

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

```
.background{ background-color: rgb(252,  
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](#).

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