

Converting Colors

`RYB(207, 249, 179)`

Have a look what the booklet for
RYB(207, 249, 179) contains.

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Color

R_YB(207, 249, 179)

Conversions

Conversions Part 1

Format	Color
Hex	F9E5B3
RGB	249, 229, 179
RGB Percent	98%, 90%, 70%
CMY	0.0235, 0.1020, 0.2980
CMYK	0.00, 0.08, 0.28, 0.02
HSL	43°, 85%, 84%
HSV	43°, 28%, 98%
XYZ	75.2229, 79.4330, 54.0153
YIQ	229.2800, 27.9700, -11.3100

Conversions

Conversions Part 2

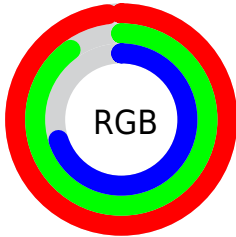
Format	Color
R _Y B	207, 249, 179
Decimal	16377267
CIE Lab	91.43, -0.56, 26.90
CIE LCh	91, 26.905, 91.202
Yxy	79.4330, 0.3605, 0.3807
Android (android.graphics.Color)	4294567347 (0xFFF9E5B3)
YUV	229.2800, -24.7880, 17.2944
Hunter-Lab	89.1252, -5.3126, 26.4543

Details

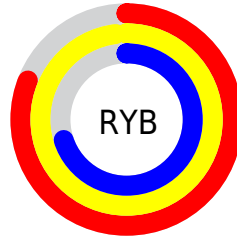
The RYB color **207, 249, 179** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **179, 195, 249**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **235, 255, 235**, and **151, 192, 126** is the 20% darker color. If you saturate the color by 10%, you get **192, 249, 154**, and if you desaturate by 10%, it is **222, 249, 204**.

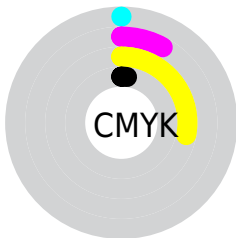
Distribution



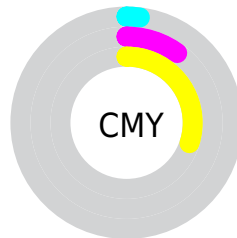
- Red (98%)
- Green (90%)
- Blue (70%)



- Red (81%)
- Yellow (98%)
- Blue (70%)



- Cyan (0%)
- Magenta (8%)
- Yellow (28%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 249, 179 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 207, 249, 179 by changing the saturation by 10% instead.


 207, 249, 179

 207, 249, 179

255, 255, 255


 178, 220, 152

 235, 255, 235

 151, 192, 126

 124, 164, 101

 98, 137, 76

 71, 111, 53

 48, 86, 31

 20, 61, 8

 10, 38, 0

 3, 7, 0

■ 207, 249, 179

■ 207, 249, 179

■ 192, 249, 154

■ 222, 249, 204

■ 176, 249, 129

■ 238, 249, 229

■ 161, 249, 104

■ 249, 250, 254

■ 146, 249, 79

■ 249, 252, 255

■ 133, 249, 54

■ 118, 249, 30

■ 103, 249, 5

■ 99, 249, 0

Harmonies

Analogous

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



255, 253, 186



207, 249, 179



186, 237, 202

Triad

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



207, 249, 179



158, 204, 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.



207, 249, 179



179, 195, 249

Split Complementary

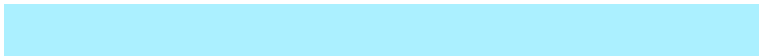
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236, 223, 255



207, 249, 179



171, 209, 255

Square

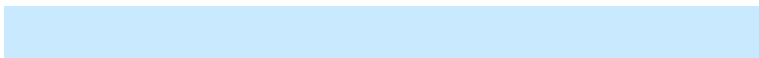
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



207, 249, 179



167, 210, 245



201, 221, 255



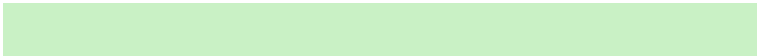
255, 212, 230

Rectangle

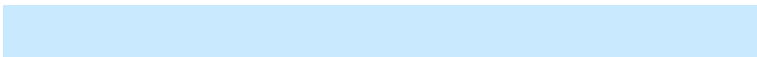
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



207, 249, 179



197, 241, 237



201, 221, 255



255, 218, 255

Sweetspot

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



207, 249, 179



244, 255, 235



249, 179, 200



121, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

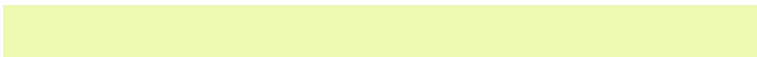
The Same Dimension uses a secret algorithm to generate beautiful new colors.



207, 249, 179



203, 255, 168



179, 249, 193



118, 125, 112



76, 189, 0



24, 61, 0

Inverse Universe

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



179, 195, 249



168, 187, 255



193, 179, 249



112, 115, 125



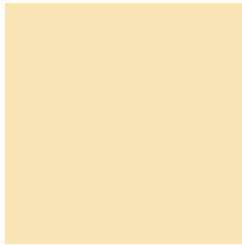
0, 42, 189



0, 13, 61

Previews

White Background



This preview shows how the RYB color 207, 249, 179 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 207, 249, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

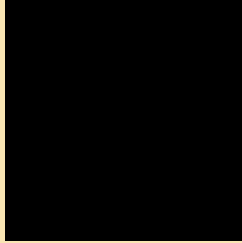
Any Text WCAG AA ✓ Pass

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 207, 249, 179 Background



This preview shows how black text looks on a background with the RYB color 207, 249, 179.


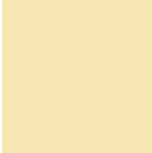



This preview shows how white text looks on a background with the RYB color 207, 249, 179.

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](#).

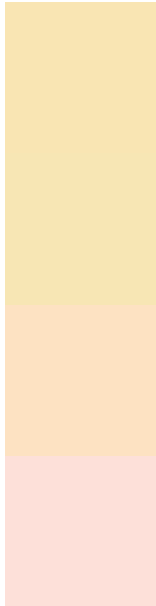
Dichromacy

	Original Color 207, 249, 179
	Protanopia 201, 246, 180
	Deuteranopia 255, 243, 202



Tritanopia
255, 221, 238

Trichromacy



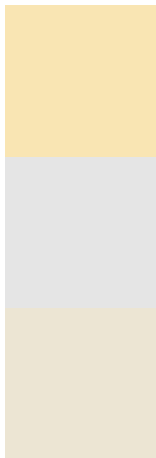
Original Color
207, 249, 179

Protanomaly
203, 247, 180

Deuteranomaly
244, 253, 194

Tritanomaly
253, 226, 217

Monochromacy



Original Color
207, 249, 179

Achromatopsia
229, 229, 229

Achromatomaly
221, 236, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 249, 179 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(249, 229, 179) looks like.

```
.text, #text, p{  
    color:rgb(249, 229, 179)  
}
```

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(249, 229, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 229, 179) }
```

Border

The CSS property to change the border of an element to RYB 207, 249, 179 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(249, 229, 179) }
```

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

```
.border{ border-color:rgb(249, 229, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 229, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 229, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 229, 179);  
box-shadow:4px 4px 4px 4px rgb(249, 229,  
179) }
```

Background

The CSS property to change the background color of an element to RGB 207, 249, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 229, 179) }
```

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

```
.background{ background-color: rgb(249,  
229, 179) }
```

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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