

Converting Colors

`RYB(197, 251, 214)`

Have a look what the booklet for
RYB(197, 251, 214) contains.

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Color

R_YB(197, 251, 214)

Conversions

Conversions Part 1

Format	Color
Hex	EAFBC5
RGB	234, 251, 197
RGB Percent	92%, 98%, 77%
CMY	0.0824, 0.0157, 0.2275
CMYK	0.07, 0.00, 0.22, 0.02
HSL	79°, 87%, 88%
HSV	79°, 22%, 98%
XYZ	78.5069, 90.5180, 66.1573
YIQ	239.7610, 7.2020, -20.3980

Conversions

Conversions Part 2

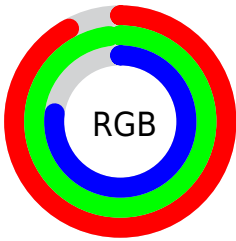
Format	Color
RYB	197, 251, 214
Decimal	15399877
CIELab	96.21, -14.54, 24.07
CIELCh	96, 28.122, 121.131
Yxy	90.5180, 0.3338, 0.3849
Android (android.graphics.Color)	4293589957 (0xFFEAFBC5)
YUV	239.7610, -21.0812, -5.0524
Hunter-Lab	95.1409, -19.2048, 25.3707

Details

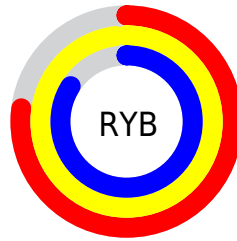
The RYB color **197, 251, 214** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **214, 197, 251**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is **254, 255, 254**, and **143, 194, 159** is the 20% darker color. If you saturate the color by 10%, you get **172, 251, 197**, and if you desaturate by 10%, it is **222, 251, 231**.

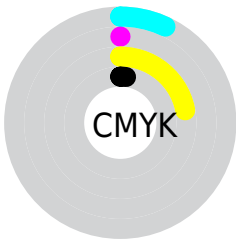
Distribution



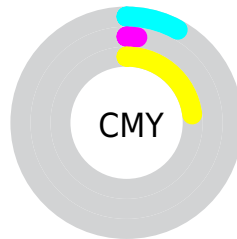
- Red (92%)
- Green (98%)
- Blue (77%)



- Red (77%)
- Yellow (98%)
- Blue (84%)



- Cyan (7%)
- Magenta (0%)
- Yellow (22%)
- Black (2%)



- Cyan (8%)
- Magenta (2%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 251, 214 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 197, 251, 214 by changing the saturation by 10% instead.

 197, 251, 214

255, 255, 255

254, 255, 254

 197, 251, 214

 170, 222, 186

 143, 194, 159

 117, 167, 133

 92, 141, 108

 68, 115, 84

 45, 91, 61

 23, 67, 39

 0, 45, 15

 0, 25, 25

■ 197, 251, 214

■ 197, 251, 214

■ 172, 251, 197

■ 222, 251, 231

■ 147, 251, 180

■ 247, 251, 248

■ 122, 251, 163

■ 255, 251, 255

■ 97, 251, 146

■ 72, 251, 129

■ 46, 251, 110

■ 21, 251, 93

■ 0, 251, 79

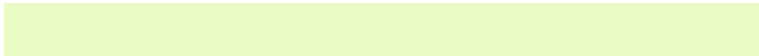
Harmonies

Analogous

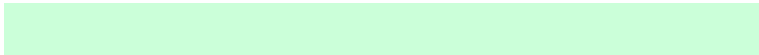
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



205, 255, 190



197, 251, 214



203, 244, 255

Triad

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



197, 251, 214



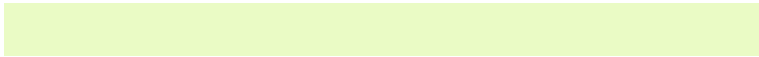
181, 218, 255



255, 225, 244

Complementary

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



197, 251, 214



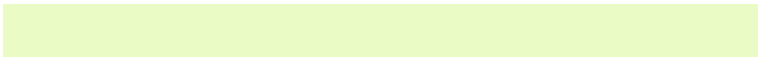
214, 197, 251

Split Complementary

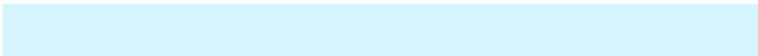
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 229, 255



197, 251, 214



213, 231, 255

Square

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



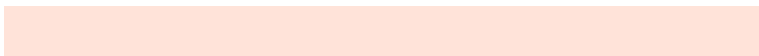
197, 251, 214



168, 212, 255



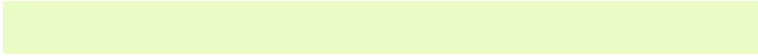
250, 237, 255



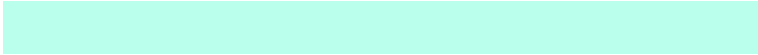
255, 231, 217

Rectangle

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



197, 251, 214



185, 226, 255



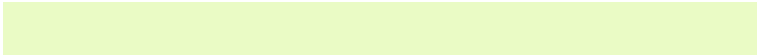
250, 237, 255



255, 225, 253

Sweetspot

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



197, 251, 214



240, 255, 245



251, 220, 197



119, 128, 122



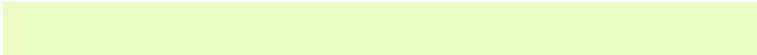
0, 0, 0



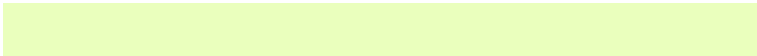
128, 128, 128

Same Dimension

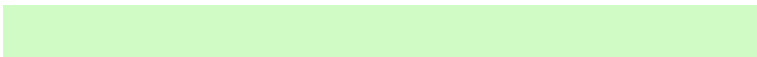
The Same Dimension uses a secret algorithm to generate beautiful new colors.



197, 251, 214



189, 255, 210



197, 251, 240



112, 125, 116



0, 189, 60



0, 61, 19

Inverse Universe

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



214, 197, 251



210, 189, 255



240, 197, 251



116, 112, 125



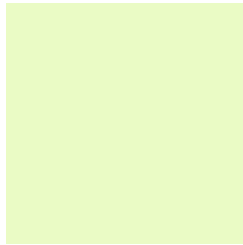
59, 0, 189



19, 0, 61

Previews

White Background



This preview shows how the RYB color 197, 251, 214 looks on a white background.

Color Contrast Check

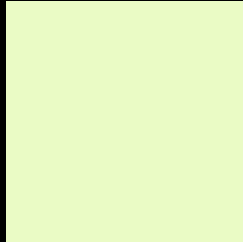
Large Text (above 18pt) WCAG AA × Fail

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 197, 251, 214 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

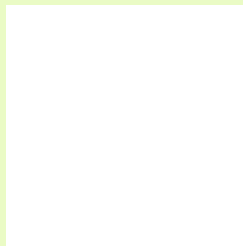
Any Text WCAG AAA ✓ Pass

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

RYB 197, 251, 214 Background



This preview shows how black text looks on a background with the RYB color 197, 251, 214.



This preview shows how white text looks on a background with the RYB color 197, 251, 214.

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

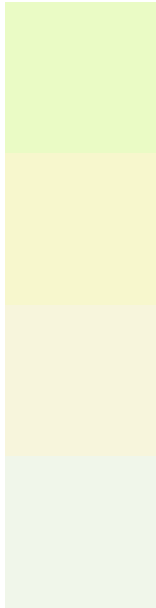
	Original Color 197, 251, 214
	Protanopia 223, 255, 209
	Deuteranopia 255, 246, 233



Tritanopia

243, 243, 255

Trichromacy



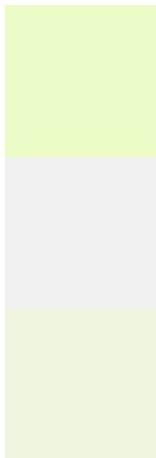
Original Color
197, 251, 214

Protanomaly
205, 247, 205

Deuteranomaly
222, 247, 220

Tritanomaly
234, 246, 240

Monochromacy



Original Color
197, 251, 214

Achromatopsia
240, 240, 240

Achromatomaly
224, 244, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 251, 214 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(234, 251, 197)` looks like.

```
.text, #text, p{  
    color:rgb(234, 251, 197)  
}
```

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(234, 251, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 251, 197) }
```

Border

The CSS property to change the border of an element to RYB 197, 251, 214 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(234, 251, 197) }
```

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

```
.border{ border-color:rgb(234, 251, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 251, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 251, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 251, 197);  
box-shadow:4px 4px 4px 4px rgb(234, 251,  
197) }
```

Background

The CSS property to change the background color of an element to RYB 197, 251, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 251, 197) }
```

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

```
.background{ background-color: rgb(234,  
251, 197) }
```

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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