

Converting Colors

`RYB(195, 247, 243)`

Have a look what the booklet for
RYB(195, 247, 243) contains.

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Color

R_YB(195, 247, 243)

Conversions

Conversions Part 1

Format	Color
Hex	C7F7C3
RGB	199, 247, 195
RGB Percent	78%, 97%, 76%
CMY	0.2196, 0.0314, 0.2353
CMYK	0.19, 0.00, 0.21, 0.03
HSL	115°, 76%, 87%
HSV	115°, 21%, 97%
XYZ	66.6643, 82.6038, 64.0603
YIQ	226.7200, -11.9160, -26.3480

Conversions

Conversions Part 2

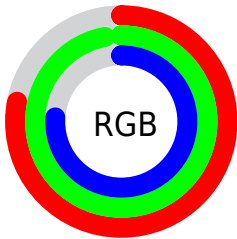
Format	Color
RYB	195, 247, 243
Decimal	13105091
CIELab	92.84, -24.90, 20.07
CIELCh	93, 31.979, 141.127
Yxy	82.6038, 0.3125, 0.3872
Android (android.graphics.Color)	4291295171 (0xFFC7F7C3)
YUV	226.7200, -15.6380, -24.3104
Hunter-Lab	90.8866, -28.1239, 21.8308

Details

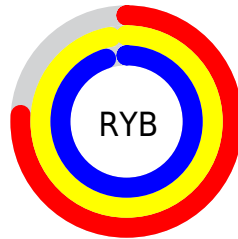
The RYB color **195, 247, 243** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **243, 195, 247**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 252, 255, 252, and **141, 190, 187** is the 20% darker color. If you saturate the color by 10%, you get **170, 247, 241**, and if you desaturate by 10%, it is **220, 247, 245**.

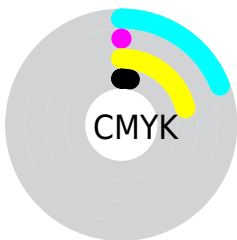
Distribution



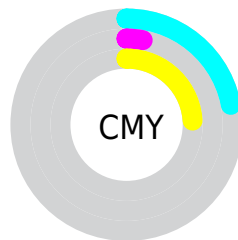
- Red (78%)
- Green (97%)
- Blue (76%)



- Red (76%)
- Yellow (97%)
- Blue (95%)



- Cyan (19%)
- Magenta (0%)
- Yellow (21%)
- Black (3%)



- Cyan (22%)
- Magenta (3%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 247, 243 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 195, 247, 243 by changing the saturation by 10% instead.


 195, 247, 243

255, 255, 255


252, 255, 252


 195, 247, 243

 168, 218, 215

 141, 190, 187

 115, 163, 160


 91, 137, 135

 67, 111, 110

 44, 87, 87

 19, 59, 63

 0, 40, 40

 0, 18, 18

 195, 247, 243

 195, 247, 243

 170, 247, 241

 220, 247, 245

 146, 247, 240

 244, 247, 246

 121, 247, 237

 255, 247, 255

 96, 247, 235

 72, 247, 234

 47, 247, 232

 22, 247, 230

 0, 247, 228

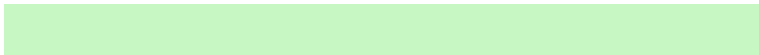
Harmonies

Analogous

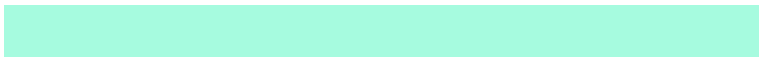
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



177, 239, 182



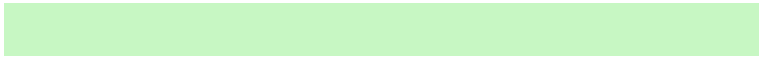
195, 247, 243



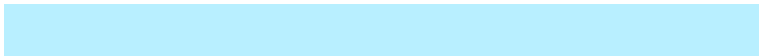
166, 217, 251

Triad

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



195, 247, 243



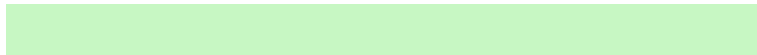
184, 215, 255



255, 213, 214

Complementary

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



195, 247, 243



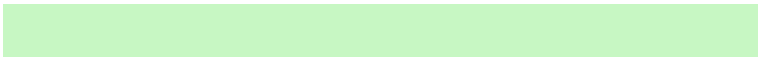
243, 195, 247

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, 213, 245



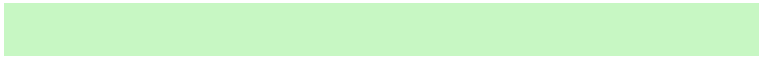
195, 247, 243



227, 230, 255

Square

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



195, 247, 243



151, 201, 255



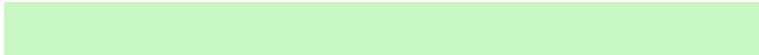
255, 219, 255



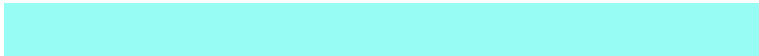
255, 246, 188

Rectangle

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



195, 247, 243



150, 203, 252



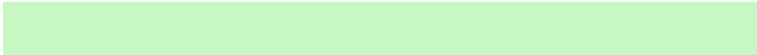
255, 219, 255



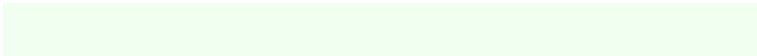
255, 212, 224

Sweetspot

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



195, 247, 243



240, 255, 254



199, 247, 195



119, 128, 128



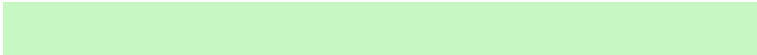
0, 0, 0



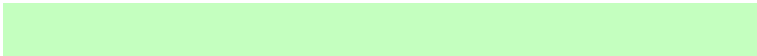
128, 128, 128

Same Dimension

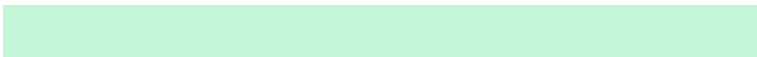
The Same Dimension uses a secret algorithm to generate beautiful new colors.



195, 247, 243



191, 255, 250



195, 232, 247



110, 122, 121



0, 186, 172



0, 59, 54

Inverse Universe

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



243, 195, 247



250, 191, 255



247, 195, 225



121, 110, 122



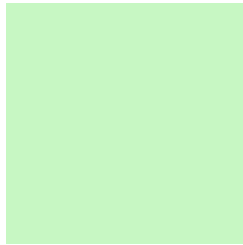
172, 0, 186



54, 0, 59

Previews

White Background



This preview shows how the RYB color 195, 247, 243 looks on a white background.

Color Contrast Check

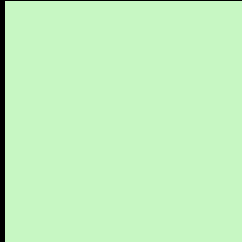
Large Text (above 18pt) WCAG AA × Fail

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 195, 247, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

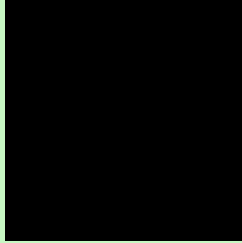
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

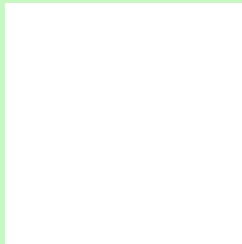
Any Text WCAG AAA ✓ Pass

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

RYB 195, 247, 243 Background



This preview shows how black text looks on a background with the RYB color 195, 247, 243.



This preview shows how white text looks on a background with the RYB color 195, 247, 243.

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





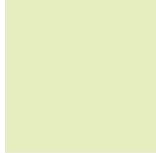
Tritanopia
212, 228, 255

Trichromacy



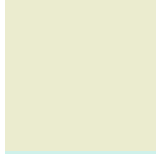
Original Color

195, 247, 243



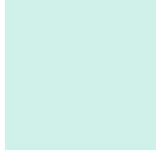
Protanomaly

191, 238, 199



Deuteranomaly

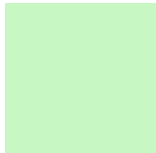
207, 236, 208



Tritanomaly

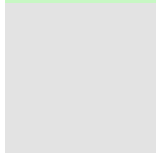
207, 226, 241

Monochromacy



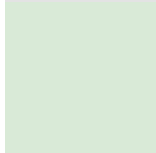
Original Color

195, 247, 243



Achromatopsia

227, 227, 227



Achromatomaly

215, 234, 232

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 247, 243 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(199, 247, 195)` looks like.

```
.text, #text, p{  
    color:rgb(199, 247, 195)  
}
```

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(199, 247, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 247, 195) }
```

Border

The CSS property to change the border of an element to RYB 195, 247, 243 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(199, 247, 195) }
```

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

```
.border{ border-color:rgb(199, 247, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 247, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 247, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 247, 195);  
box-shadow:4px 4px 4px 4px rgb(199, 247,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 195, 247, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 247, 195) }
```

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

```
.background{ background-color: rgb(199,  
247, 195) }
```

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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