

Converting Colors

`RYB(211, 245, 243)`

Have a look what the booklet for
RYB(211, 245, 243) contains.

RYB(211, 245, 243)	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(211, 245, 243)

Conversions

Conversions Part 1

Format	Color
Hex	D5F5D3
RGB	213, 245, 211
RGB Percent	84%, 96%, 83%
CMY	0.1647, 0.0392, 0.1725
CMYK	0.13, 0.00, 0.14, 0.04
HSL	116°, 63%, 89%
HSV	116°, 14%, 96%
XYZ	71.8509, 84.1541, 74.0844
YIQ	231.5560, -8.1580, -17.3580

Conversions

Conversions Part 2

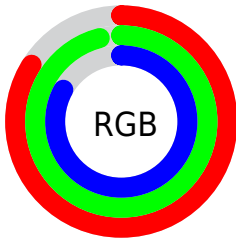
Format	Color
R_{YB}	211, 245, 243
Decimal	14022099
CIE _{Lab}	93.52, -16.58, 12.92
CIE _{LCh}	94, 21.016, 142.082
Yxy	84.1541, 0.3123, 0.3657
Android (android.graphics.Color)	4292212179 (0xFFD5F5D3)
YUV	231.5560, -10.1341, -16.2736
Hunter-Lab	91.7355, -20.7290, 16.3330

Details

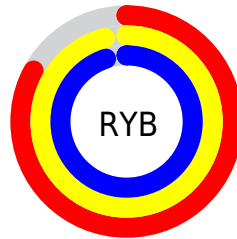
The RYB color **211, 245, 243** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **243, 211, 245**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **156, 189, 187** is the 20% darker color. If you saturate the color by 10%, you get **187, 245, 242**, and if you desaturate by 10%, it is **235, 245, 244**.

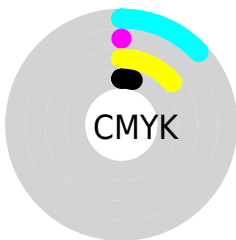
Distribution



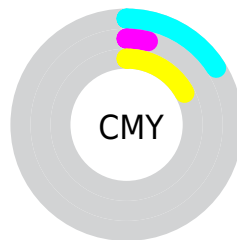
- Red (84%)
- Green (96%)
- Blue (83%)



- Red (83%)
- Yellow (96%)
- Blue (95%)



- Cyan (13%)
- Magenta (0%)
- Yellow (14%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 245, 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 211, 245, 243 by changing the saturation by 10% instead.

 211, 245, 243

255, 255, 255


 211, 245, 243

 183, 217, 215

 156, 189, 187

 130, 162, 160

 105, 135, 134

 81, 110, 109

 58, 85, 85

 36, 62, 62

 14, 39, 40

 0, 21, 21

 211, 245, 243

 211, 245, 243

 187, 245, 242

 235, 245, 244

 162, 245, 240

 255, 245, 255

 138, 245, 239

 113, 245, 237

 88, 245, 235

 64, 245, 234

 39, 245, 232

 15, 245, 231

 0, 245, 231

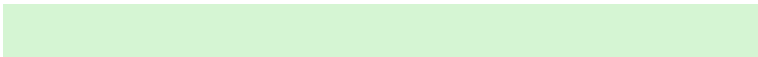
Harmonies

Analogous

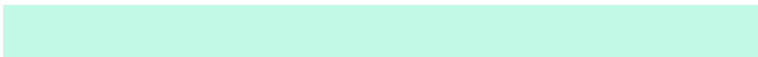
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



199, 240, 203



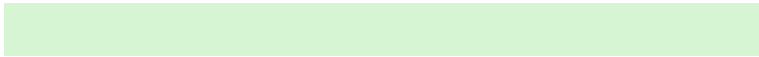
211, 245, 243



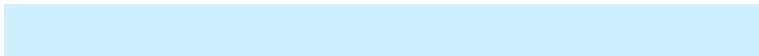
193, 226, 248

Triad

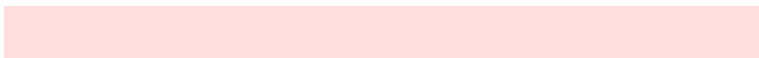
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



211, 245, 243



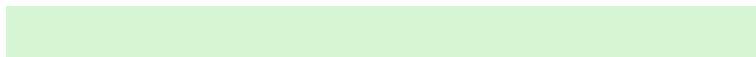
207, 227, 255



255, 223, 222

Complementary

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



211, 245, 243



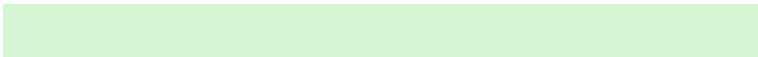
243, 211, 245

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, 223, 243



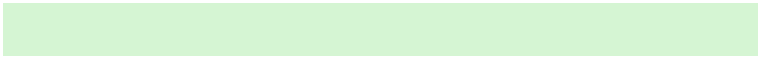
211, 245, 243



233, 233, 255

Square

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



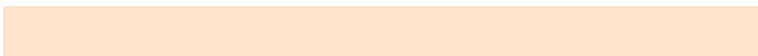
211, 245, 243



188, 219, 255



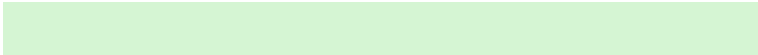
255, 227, 255



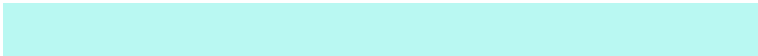
255, 244, 205

Rectangle

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



211, 245, 243



185, 218, 248



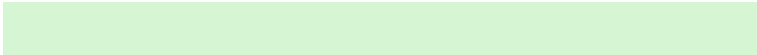
255, 227, 255



255, 222, 229

Sweetspot

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



211, 245, 243



245, 255, 255



213, 245, 211



121, 128, 127



0, 0, 0



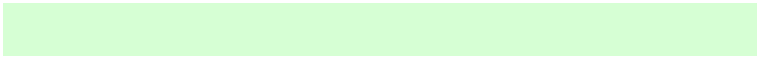
128, 128, 128

Same Dimension

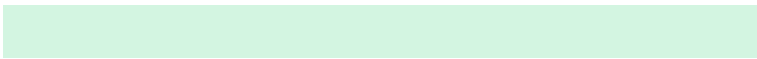
The Same Dimension uses a secret algorithm to generate beautiful new colors.



211, 245, 243



212, 255, 253



211, 235, 245



110, 122, 121



0, 186, 175



0, 59, 56

Inverse Universe

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



243, 211, 245



252, 212, 255



245, 211, 230



122, 110, 122



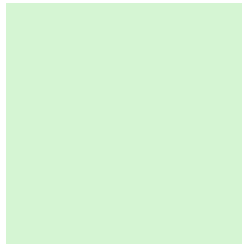
175, 0, 186



55, 0, 59

Previews

White Background



This preview shows how the RYB color 211, 245, 243 looks on a white background.

Color Contrast Check

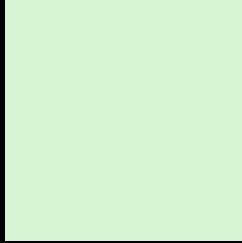
Large Text (above 18pt) WCAG AA × Fail

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 211, 245, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

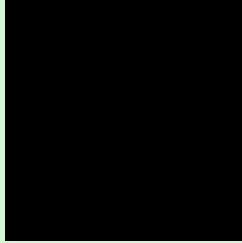
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

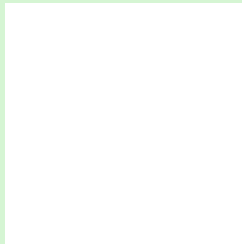
Any Text WCAG AAA ✓ Pass

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

RYB 211, 245, 243 Background



This preview shows how black text looks on a background with the RYB color 211, 245, 243.



This preview shows how white text looks on a background with the RYB color 211, 245, 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

222, 233, 255

Trichromacy



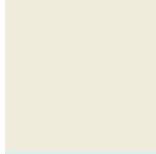
Original Color

211, 245, 243



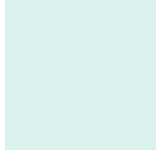
Protanomaly

208, 239, 212



Deuteranomaly

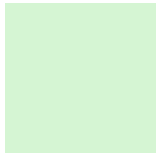
224, 240, 219



Tritanomaly

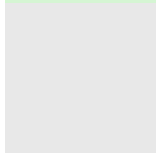
219, 231, 241

Monochromacy



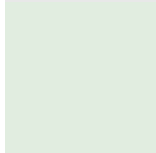
Original Color

211, 245, 243



Achromatopsia

232, 232, 232



Achromatomaly

224, 237, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 245, 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(213, 245, 211)` looks like.

```
.text, #text, p{  
    color:rgb(213, 245, 211)  
}
```

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(213, 245, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 245, 211) }
```

Border

The CSS property to change the border of an element to RYB 211, 245, 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(213, 245, 211) }
```

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

```
.border{ border-color:rgb(213, 245, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 245, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 245, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 245, 211);  
box-shadow:4px 4px 4px 4px rgb(213, 245,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 211, 245, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 245, 211) }
```

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

```
.background{ background-color: rgb(213,  
245, 211) }
```

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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