

Converting Colors

`RYB(211, 246, 245)`

Have a look what the booklet for
RYB(211, 246, 245) contains.

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Color

R_YB(211, 246, 245)

Conversions

Conversions Part 1

Format	Color
Hex	D4F6D3
RGB	212, 246, 211
RGB Percent	83%, 96%, 83%
CMY	0.1686, 0.0353, 0.1725
CMYK	0.14, 0.00, 0.14, 0.04
HSL	118°, 66%, 90%
HSV	118°, 14%, 96%
XYZ	71.8650, 84.6117, 74.1720
YIQ	231.8440, -9.0290, -18.0930

Conversions

Conversions Part 2

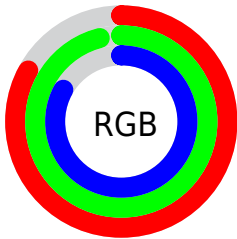
Format	Color
R_{YB}	211, 246, 245
Decimal	13956819
CIE _{Lab}	93.72, -17.40, 13.19
CIE _{LCh}	94, 21.835, 142.847
Yxy	84.6117, 0.3116, 0.3668
Android (android.graphics.Color)	4292146899 (0xFFD4F6D3)
YUV	231.8440, -10.2761, -17.4032
Hunter-Lab	91.9846, -21.5161, 16.5806

Details

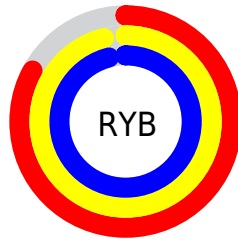
The RYB color **211, 246, 245** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **245, 211, 246**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **156, 190, 189** is the 20% darker color. If you saturate the color by 10%, you get **186, 246, 244**, and if you desaturate by 10%, it is **236, 246, 246**.

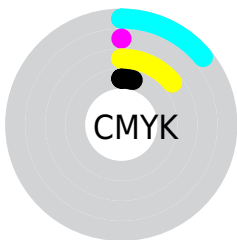
Distribution



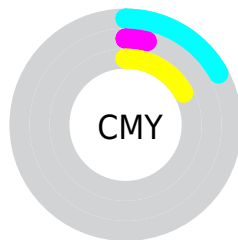
- Red (83%)
- Green (96%)
- Blue (83%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the RYB color 211, 246, 245 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, 246, 245 by changing the saturation by 10% instead.


 211, 246, 245

255, 255, 255


 211, 246, 245

 183, 217, 216

 156, 190, 189


 130, 163, 162

 105, 136, 136

 81, 111, 111

 57, 85, 86

 35, 62, 63

 13, 39, 41

 0, 21, 21

 211, 246, 245

 211, 246, 245

 186, 246, 244

 236, 246, 246

 162, 246, 244

 255, 246, 255

 137, 246, 243

 113, 246, 243

 88, 246, 241

 63, 246, 240

 39, 246, 240

 14, 246, 239

 0, 246, 239

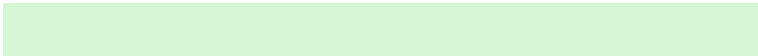
Harmonies

Analogous

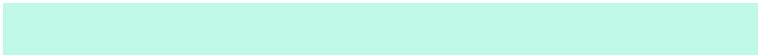
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



198, 241, 203



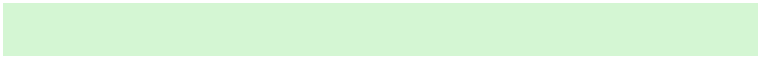
211, 246, 245



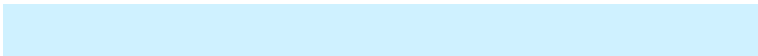
191, 225, 249

Triad

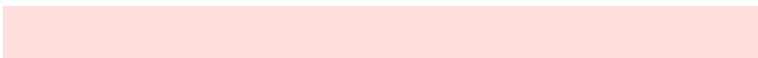
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



211, 246, 245



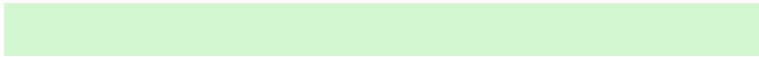
207, 227, 255



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, 246, 245



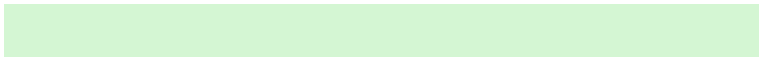
245, 211, 246

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



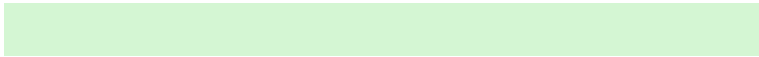
211, 246, 245



234, 233, 255

Square

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



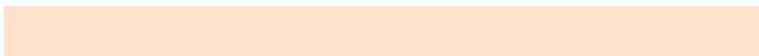
211, 246, 245



187, 219, 255



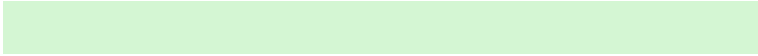
255, 227, 255



255, 246, 204

Rectangle

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



211, 246, 245



183, 217, 249



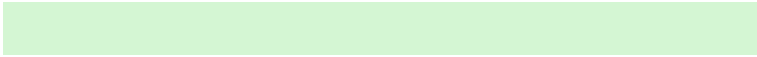
255, 227, 255



255, 222, 228

Sweetspot

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



211, 246, 245



245, 255, 255



212, 246, 211



121, 128, 128



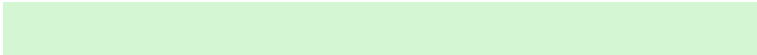
0, 0, 0



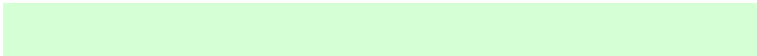
128, 128, 128

Same Dimension

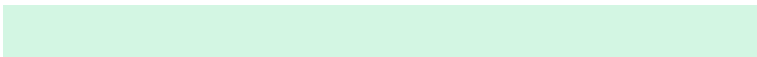
The Same Dimension uses a secret algorithm to generate beautiful new colors.



211, 246, 245



212, 255, 254



211, 235, 246



110, 122, 121



0, 186, 181



0, 59, 57

Inverse Universe

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



245, 211, 246



254, 212, 255



246, 211, 230



122, 110, 122



181, 0, 186



57, 0, 59

Previews

White Background



This preview shows how the RYB color 211, 246, 245 looks on a white background.

Color Contrast Check

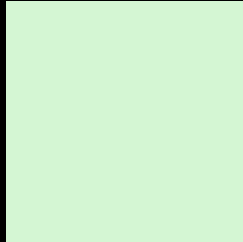
Large Text (above 18pt) WCAG AA × Fail

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, 246, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

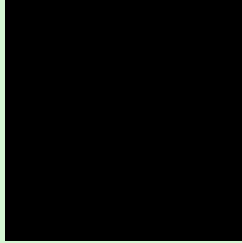
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

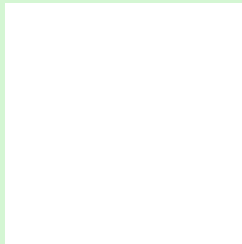
Any Text WCAG AAA ✓ Pass

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

RYB 211, 246, 245 Background



This preview shows how black text looks on a background with the RYB color 211, 246, 245.



This preview shows how white text looks on a background with the RYB color 211, 246, 245.

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





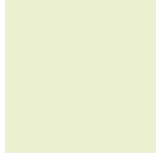
Tritanopia
223, 234, 255

Trichromacy



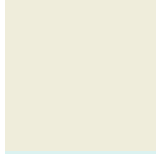
Original Color

211, 246, 245



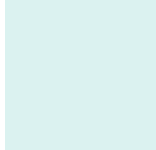
Protanomaly

208, 240, 213



Deuteranomaly

221, 239, 219



Tritanomaly

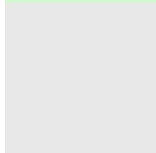
219, 231, 242

Monochromacy



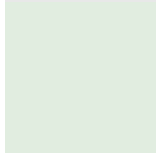
Original Color

211, 246, 245



Achromatopsia

232, 232, 232



Achromatomaly

224, 237, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 246, 245 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(212, 246, 211)` looks like.

```
.text, #text, p{  
    color:rgb(212, 246, 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(212, 246, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 246, 211) }
```

Border

The CSS property to change the border of an element to RYB 211, 246, 245 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(212, 246, 211) }
```

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

```
.border{ border-color:rgb(212, 246, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 246, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 246, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 246, 211); box-shadow:4px 4px 4px 4px rgb(212, 246, 211) }
```

Background

The CSS property to change the background color of an element to RGB 211, 246, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 246, 211) }
```

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

```
.background{ background-color: rgb(212,  
246, 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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