

# Converting Colors

`RYB(211, 240, 242)`

Have a look what the booklet for  
RYB(211, 240, 242) contains.

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# Color

**R<sub>Y</sub>B(211, 240, 242)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D3F2D5
RGB	211, 242, 213
RGB Percent	83%, 95%, 84%
CMY	0.1725, 0.0510, 0.1642
CMYK	0.13, 0.00, 0.12, 0.05
HSL	124°, 54%, 89%
HSV	124°, 13%, 95%
XYZ	70.6439, 82.1642, 75.1786
YIQ	229.4250, -9.1670, -15.5910

# Conversions

## Conversions Part 2

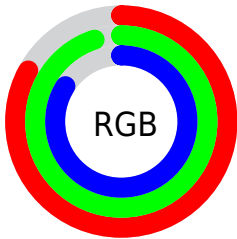
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 240, 242
Decimal	13890261
CIE <sub>Lab</sub>	92.65, -15.39, 10.55
CIE <sub>LCh</sub>	93, 18.664, 145.567
Yxy	82.1642, 0.3099, 0.3604
Android (android.graphics.Color)	4292080341 (0xFFD3F2D5)
YUV	229.4250, -8.0975, -16.1587
Hunter-Lab	90.6445, -19.5138, 14.2773

# Details

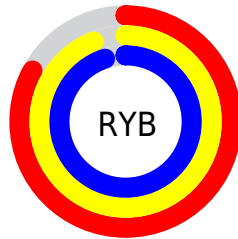
The RYB color **211, 240, 242** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **242, 211, 240**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **156, 184, 186** is the 20% darker color. If you saturate the color by 10%, you get **187, 238, 242**, and if you desaturate by 10%, it is **235, 241, 242**.

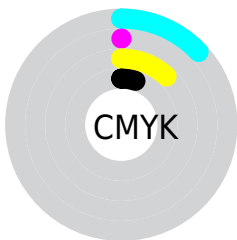
# Distribution



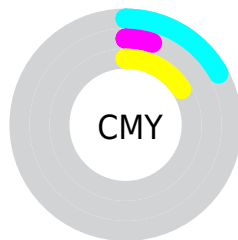
- Red (83%)
- Green (95%)
- Blue (84%)



- Red (83%)
- Yellow (94%)
- Blue (95%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (5%)



- Cyan (17%)
- Magenta (5%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 211, 240, 242 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, 240, 242 by changing the saturation by 10% instead.



■ 211, 240, 242

255, 255, 255

■ 211, 240, 242

■ 183, 212, 214

■ 156, 184, 186

■ 130, 157, 159

■ 105, 131, 133

■ 80, 104, 107

■ 57, 80, 83

■ 34, 57, 60

■ 13, 35, 38

■ 0, 17, 17

 211, 240, 242

 211, 240, 242

 187, 238, 242

 235, 241, 242

 163, 237, 242

 255, 242, 255

 138, 235, 242

 114, 234, 242

 90, 233, 242

 66, 231, 242

 42, 230, 242

 17, 227, 242

 0, 226, 242

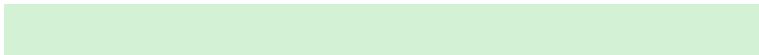
# Harmonies

## Analogous

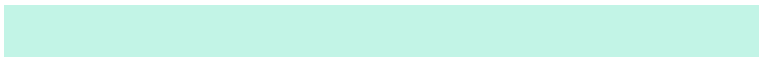
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



201, 238, 207



211, 240, 242



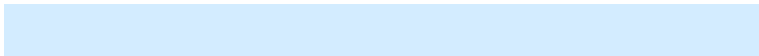
194, 223, 244

# Triad

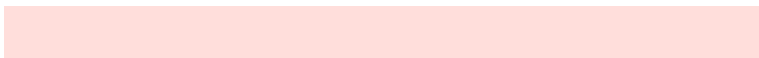
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



211, 240, 242



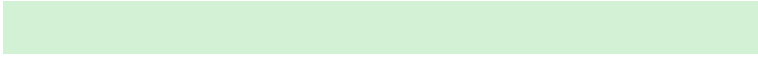
211, 227, 255



255, 222, 219

# Complementary

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



211, 240, 242



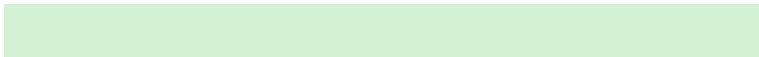
242, 211, 240

# 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, 222, 237



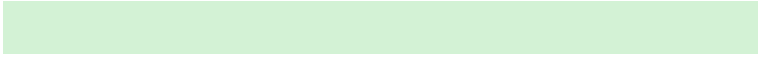
211, 240, 242



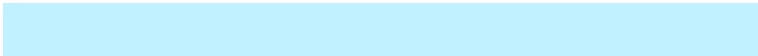
234, 230, 255

# Square

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



211, 240, 242



193, 220, 255



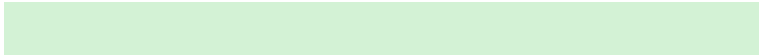
255, 225, 254



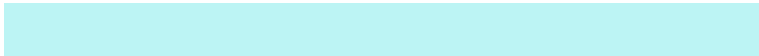
255, 241, 205

# Rectangle

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



211, 240, 242



188, 216, 244



255, 225, 254

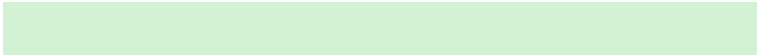


255, 222, 225



# Sweetspot

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



211, 240, 242



245, 254, 255



211, 242, 213



121, 127, 128



0, 0, 0



128, 128, 128

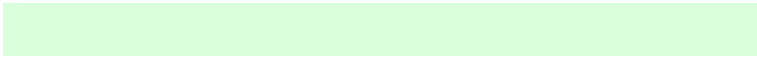


# Same Dimension

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



211, 240, 242



217, 253, 255



211, 231, 242



108, 119, 120



0, 172, 184



0, 52, 56



# Inverse Universe

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



242, 211, 240



255, 217, 252



242, 211, 224



120, 108, 119



184, 0, 171

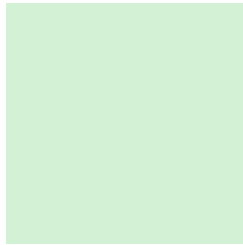


56, 0, 52



# Previews

## White Background



This preview shows how the RYB color 211, 240, 242 looks on a white background.

## Color Contrast Check

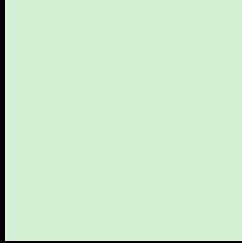
Large Text (above 18pt) WCAG AA × Fail

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, 240, 242 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

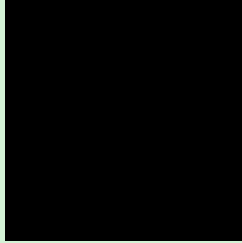
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

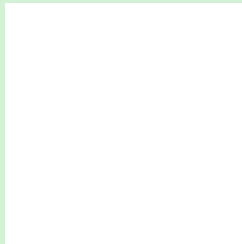
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **RYB 211, 240, 242 Background**



This preview shows how black text looks on a background with the RYB color 211, 240, 242.



This preview shows how white text looks on a background with the RYB color 211, 240, 242.

# 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](#).

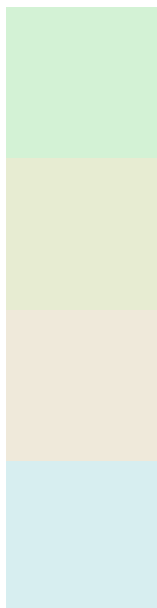
## Dichromacy





**Tritanopia**  
218, 230, 255

# Trichromacy



**Original Color**

211, 240, 242

**Protanomaly**

210, 236, 215

**Deuteranomaly**

226, 239, 218

**Tritanomaly**

215, 227, 240

# Monochromacy



**Original Color**

211, 240, 242

**Achromatopsia**

229, 229, 229

**Achromatomaly**

222, 233, 234

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 211, 240, 242 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(211, 242, 213)` looks like.

```
.text, #text, p{  
    color:rgb(211, 242, 213)  
}
```

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(211, 242, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 242, 213) }
```

## Border

The CSS property to change the border of an element to RYB 211, 240, 242 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(211, 242, 213) }
```

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

```
.border{ border-color:rgb(211, 242, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 242, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 242, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 242, 213);  
box-shadow:4px 4px 4px 4px rgb(211, 242,  
213) }
```

# Background

The CSS property to change the background color of an element to RGB 211, 242, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 242, 213) }
```

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

```
.background{ background-color: rgb(211,  
242, 213) }
```

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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