

Converting Colors

`RYB(185, 211, 221)`

Have a look what the booklet for
RYB(185, 211, 221) contains.

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Color

R_YB(185, 211, 221)

Conversions

Conversions Part 1

Format	Color
Hex	B9DDC7
RGB	185, 221, 199
RGB Percent	73%, 87%, 78%
CMY	0.2745, 0.1333, 0.2202
CMYK	0.16, 0.00, 0.10, 0.13
HSL	143°, 35%, 80%
HSV	143°, 16%, 87%
XYZ	56.1550, 66.1436, 63.7465
YIQ	207.7280, -14.3940, -14.4740

Conversions

Conversions Part 2

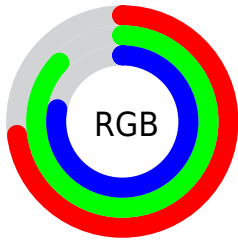
Format	Color
R _{YB}	185, 211, 221
Decimal	12180935
CIE Lab	85.07, -16.09, 6.95
CIE LCh	85, 17.527, 156.655
Yxy	66.1436, 0.3018, 0.3555
Android (android.graphics.Color)	4290371015 (0xFFB9DDC7)
YUV	207.7280, -4.3029, -19.9325
Hunter-Lab	81.3287, -19.0764, 10.4578

Details

The RYB color **185, 211, 221** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **221, 185, 207**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **241, 248, 255**, and **132, 157, 166** is the 20% darker color. If you saturate the color by 10%, you get **163, 205, 221**, and if you desaturate by 10%, it is **207, 217, 221**.

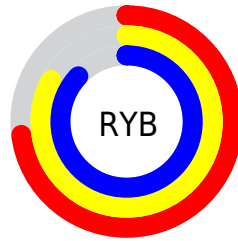
Distribution



Red (73%)

Green (87%)

Blue (78%)



Red (73%)

Yellow (83%)

Blue (87%)

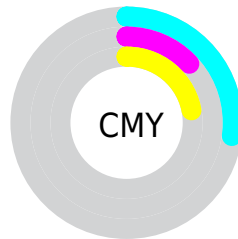


Cyan (16%)

Magenta (0%)

Yellow (10%)

Black (13%)



Cyan (27%)

Magenta (13%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 211, 221 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 185, 211, 221 by changing the saturation by 10% instead.


 185, 211, 221


255, 255, 255


 241, 248, 255

 185, 211, 221

 158, 183, 193

 132, 157, 166

 106, 130, 139

 81, 104, 114

 58, 80, 89

 35, 56, 66

 13, 33, 43

 0, 23, 24


 0, 0, 0

 185, 211, 221

 185, 211, 221

 163, 205, 221


 207, 217, 221

 141, 199, 221


 229, 221, 226

 119, 193, 221


 251, 221, 240


 97, 187, 221


 255, 221, 253


 75, 181, 221

 255, 221, 255

 52, 174, 221

 30, 168, 221

 8, 162, 221

 0, 160, 221

Harmonies

Analogous

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



186, 218, 201



185, 211, 221



172, 199, 222

Triad

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



185, 211, 221



199, 210, 245



247, 205, 193

Complementary

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



185, 211, 221



221, 185, 207

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.



247, 201, 209



185, 211, 221



220, 207, 239

Square

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



185, 211, 221



180, 204, 242



238, 203, 226



238, 226, 183

Rectangle

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



185, 211, 221



169, 197, 227



238, 203, 226



248, 202, 198

Sweetspot

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



185, 211, 221



242, 251, 255



185, 221, 199



120, 126, 128



0, 0, 0



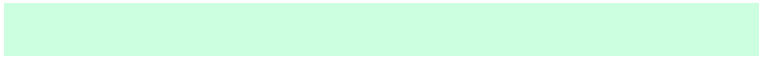
128, 128, 128

Same Dimension

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



185, 211, 221



204, 241, 255



185, 204, 221



99, 107, 110



0, 125, 173



0, 33, 46

Inverse Universe

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



221, 185, 207



255, 204, 235



221, 185, 189



110, 99, 105



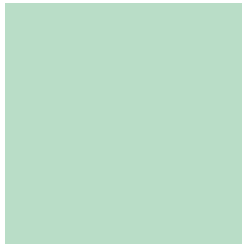
173, 0, 107



46, 0, 28

Previews

White Background



This preview shows how the RYB color 185, 211, 221 looks on a white background.

Color Contrast Check

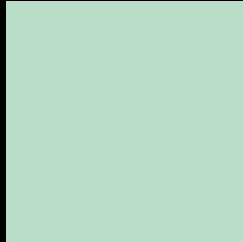
Large Text (above 18pt) WCAG AA × Fail

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 185, 211, 221 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](#).

RYP 185, 211, 221 Background



This preview shows how black text looks on a background with the RYP color 185, 211, 221.

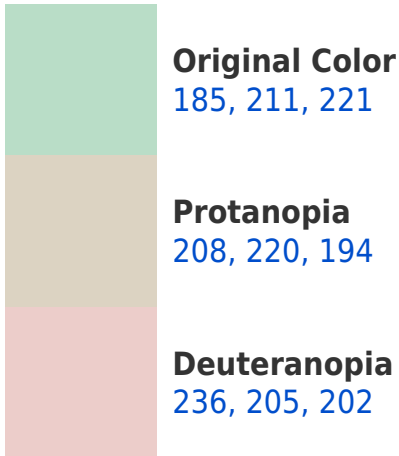


This preview shows how white text looks on a background with the RYP color 185, 211, 221.

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](#).

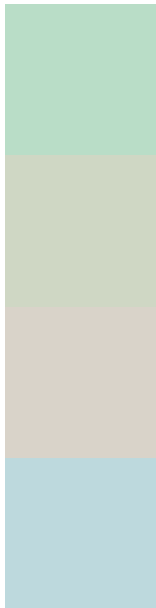
Dichromacy





Tritanopia
191, 207, 233

Trichromacy



Original Color
185, 211, 221

Protanomaly
196, 215, 204

Deuteranomaly
211, 217, 201

Tritanomaly
189, 204, 221

Monochromacy



Original Color
185, 211, 221

Achromatopsia
208, 208, 208

Achromatomaly
200, 209, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 211, 221 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(185, 221, 199)` looks like.

```
.text, #text, p{  
    color:rgb(185, 221, 199)  
}
```

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(185, 221, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 221, 199) }
```

Border

The CSS property to change the border of an element to RYB 185, 211, 221 is called "border". The border property can be set on classes, ids or directly on the HTML element.

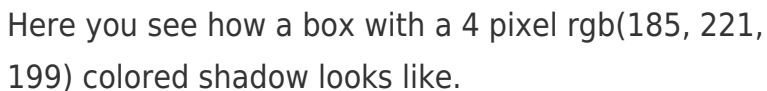
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 221, 199) }
```

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

```
.border{ border-color:rgb(185, 221, 199) }
```

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



Here you see how a box with a 4 pixel rgb(185, 221, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 221, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 221, 199);  
box-shadow:4px 4px 4px 4px rgb(185, 221,  
199) }
```

Background

The CSS property to change the background color of an element to RYB 185, 211, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 221, 199) }
```

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

```
.background{ background-color: rgb(185,  
221, 199) }
```

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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