

Converting Colors

`RYB(185, 242, 236)`

Have a look what the booklet for
RYB(185, 242, 236) contains.

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Color

R_YB(185, 242, 236)

Conversions

Conversions Part 1

Format	Color
Hex	BFF2B9
RGB	191, 242, 185
RGB Percent	75%, 95%, 73%
CMY	0.2510, 0.0510, 0.2745
CMYK	0.21, 0.00, 0.24, 0.05
HSL	114°, 69%, 84%
HSV	114°, 24%, 95%
XYZ	61.9949, 78.0834, 57.7031
YIQ	220.2530, -12.0990, -28.5390

Conversions

Conversions Part 2

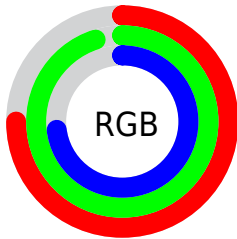
Format	Color
RYB	185, 242, 236
Decimal	12579513
CIELab	90.82, -26.80, 22.32
CIELCh	91, 34.879, 140.214
Yxy	78.0834, 0.3135, 0.3948
Android (android.graphics.Color)	4290769593 (0xFFBFF2B9)
YUV	220.2530, -17.3797, -25.6549
Hunter-Lab	88.3648, -29.4065, 23.1384

Details

The RYB color **185, 242, 236** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **236, 185, 242**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **241, 255, 248**, and **132, 186, 181** is the 20% darker color. If you saturate the color by 10%, you get **161, 242, 234**, and if you desaturate by 10%, it is **209, 242, 238**.

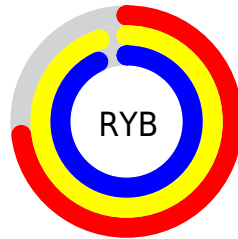
Distribution



Red (75%)

Green (95%)

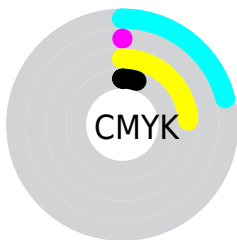
Blue (73%)



Red (73%)

Yellow (95%)

Blue (93%)

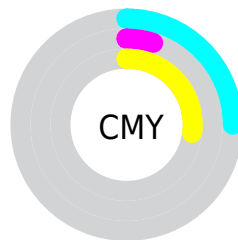


Cyan (21%)

Magenta (0%)

Yellow (24%)

Black (5%)



Cyan (25%)

Magenta (5%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 242, 236 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, 242, 236 by changing the saturation by 10% instead.

 185, 242, 236

255, 255, 255


 241, 255, 248


 185, 242, 236

 158, 214, 209

 132, 186, 181

 106, 159, 155

 82, 132, 129

 58, 107, 105

 36, 82, 82

 9, 54, 59

 0, 37, 37

 0, 6, 6

 185, 242, 236

 185, 242, 236

 161, 242, 234

 209, 242, 238

 137, 242, 231

 233, 242, 241

 112, 242, 228

 255, 242, 255

 88, 242, 226

 64, 242, 223

 40, 242, 221

 16, 242, 219

 0, 242, 217

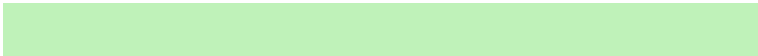
Harmonies

Analogous

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



165, 234, 170



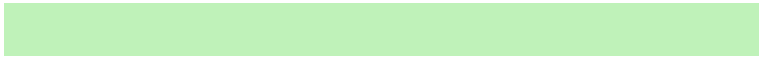
185, 242, 236



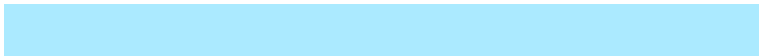
154, 210, 247

Triad

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



185, 242, 236



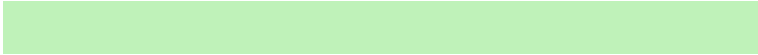
171, 207, 255



255, 205, 207

Complementary

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



185, 242, 236



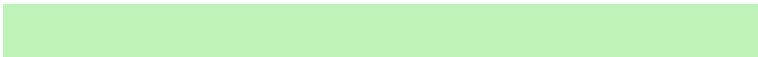
236, 185, 242

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, 205, 241



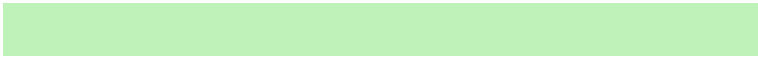
185, 242, 236



219, 223, 255

Square

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



185, 242, 236



133, 191, 255



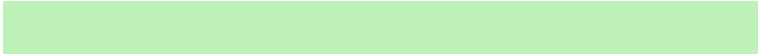
255, 213, 255



255, 237, 179

Rectangle

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



185, 242, 236



134, 193, 247



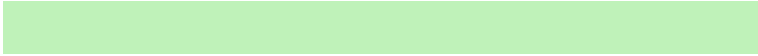
255, 213, 255



255, 204, 218

Sweetspot

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



185, 242, 236



237, 255, 253



193, 242, 185



117, 128, 127



0, 0, 0



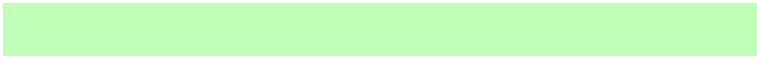
128, 128, 128

Same Dimension

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



185, 242, 236



184, 255, 248



185, 226, 242



108, 120, 119



0, 184, 165



0, 56, 50

Inverse Universe

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



236, 185, 242



247, 184, 255



242, 185, 220



119, 108, 120



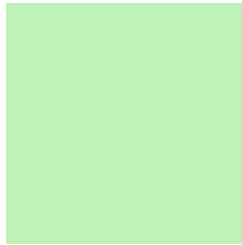
164, 0, 184



50, 0, 56

Previews

White Background



This preview shows how the RYB color 185, 242, 236 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, 242, 236 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 185, 242, 236 Background



This preview shows how black text looks on a background with the RYB color 185, 242, 236.

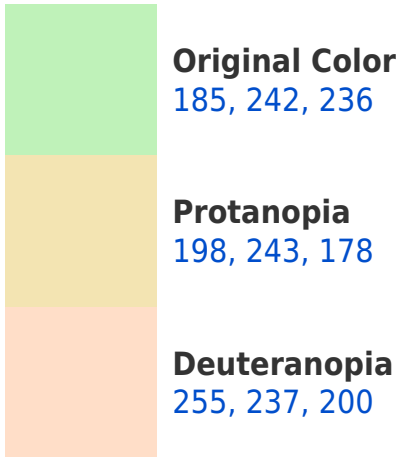


This preview shows how white text looks on a background with the RYB color 185, 242, 236.

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





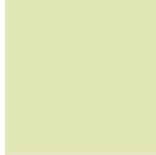
Tritanopia
202, 221, 252

Trichromacy



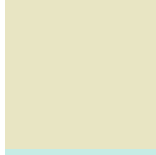
Original Color

185, 242, 236



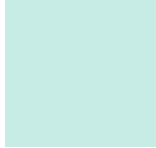
Protanomaly

181, 233, 190



Deuteranomaly

198, 232, 195



Tritanomaly

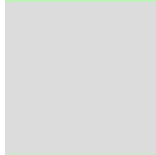
198, 219, 236

Monochromacy



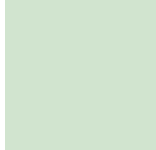
Original Color

185, 242, 236



Achromatopsia

220, 220, 220



Achromatomaly

207, 228, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 242, 236 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(191, 242, 185)` looks like.

```
.text, #text, p{  
    color:rgb(191, 242, 185)  
}
```

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(191, 242, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 242, 185) }
```

Border

The CSS property to change the border of an element to RYB 185, 242, 236 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(191, 242, 185) }
```

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

```
.border{ border-color:rgb(191, 242, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 242, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 242, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 242, 185);  
box-shadow:4px 4px 4px 4px rgb(191, 242,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 185, 242, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 242, 185) }
```

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

```
.background{ background-color: rgb(191,  
242, 185) }
```

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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