

Converting Colors

`RYB(185, 240, 242)`

Have a look what the booklet for
RYB(185, 240, 242) contains.

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Color

R_YB(185, 240, 242)

Conversions

Conversions Part 1

Format	Color
Hex	B9F2BB
RGB	185, 242, 187
RGB Percent	73%, 95%, 73%
CMY	0.2745, 0.0510, 0.2664
CMYK	0.24, 0.00, 0.23, 0.05
HSL	122°, 69%, 84%
HSV	122°, 24%, 95%
XYZ	60.7371, 77.4095, 58.7949
YIQ	218.6870, -16.3170, -29.1890

Conversions

Conversions Part 2

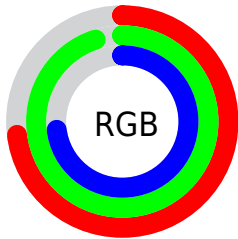
Format	Color
RYB	185, 240, 242
Decimal	12186299
CIELab	90.51, -28.43, 20.77
CIELCh	91, 35.208, 143.840
Yxy	77.4095, 0.3084, 0.3931
Android (android.graphics.Color)	4290376379 (0xFFB9F2BB)
YUV	218.6870, -15.6217, -29.5435
Hunter-Lab	87.9827, -30.7457, 21.9670

Details

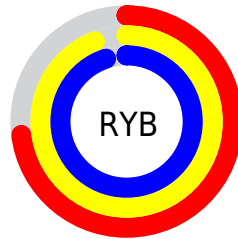
The RYB color **185, 240, 242** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **242, 185, 240**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **242, 254, 255**, and **131, 183, 186** is the 20% darker color. If you saturate the color by 10%, you get **161, 239, 242**, and if you desaturate by 10%, it is **209, 241, 242**.

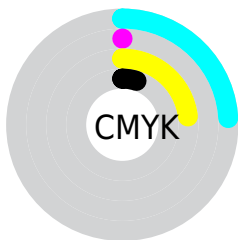
Distribution



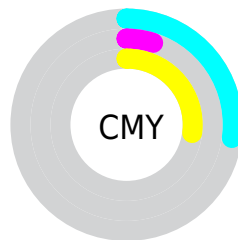
- Red (73%)
- Green (95%)
- Blue (73%)



- Red (73%)
- Yellow (94%)
- Blue (95%)



- Cyan (24%)
- Magenta (0%)
- Yellow (23%)
- Black (5%)



- Cyan (27%)
- Magenta (5%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 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 185, 240, 242 by changing the saturation by 10% instead.


 185, 240, 242

255, 255, 255


 242, 254, 255


 185, 240, 242


 158, 211, 213

 131, 183, 186

 105, 156, 159

 79, 127, 132

 54, 102, 107

 29, 74, 82


 0, 46, 59

 0, 37, 37

 0, 3, 3

 185, 240, 242

 185, 240, 242

 161, 239, 242

 209, 241, 242

 137, 239, 242

 233, 241, 242

 112, 237, 242

 255, 242, 255

 88, 236, 242

 64, 236, 242

 40, 235, 242

 16, 234, 242

 0, 233, 242

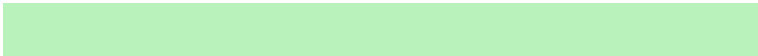
Harmonies

Analogous

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



166, 234, 176



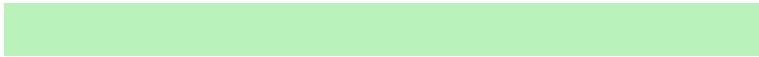
185, 240, 242



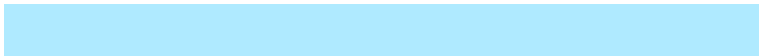
148, 205, 246

Triad

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



185, 240, 242



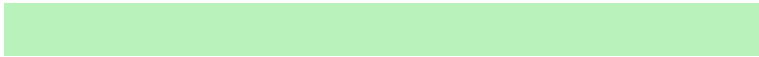
175, 209, 255



255, 204, 202

Complementary

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



185, 240, 242



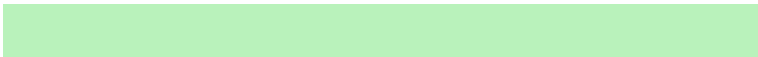
242, 185, 240

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, 204, 236



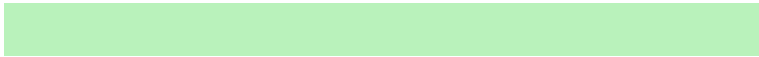
185, 240, 242



223, 222, 255

Square

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



185, 240, 242



134, 191, 255



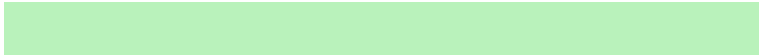
255, 210, 255



255, 244, 175

Rectangle

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



185, 240, 242



129, 189, 247



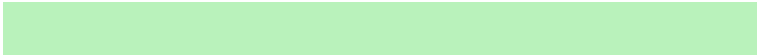
255, 210, 255



255, 203, 213

Sweetspot

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



185, 240, 242



237, 254, 255



185, 242, 187



117, 127, 128



0, 0, 0



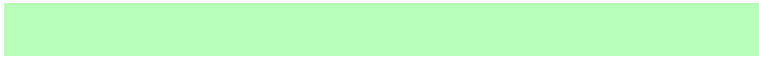
128, 128, 128

Same Dimension

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



185, 240, 242



184, 253, 255



185, 222, 242



108, 120, 120



0, 177, 184



0, 54, 56

Inverse Universe

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



242, 185, 240



255, 184, 252



242, 185, 212



120, 108, 119



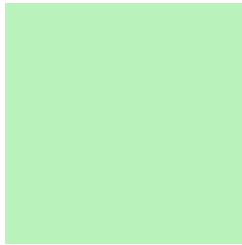
184, 0, 177



56, 0, 54

Previews

White Background



This preview shows how the RYB color 185, 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 185, 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 185, 240, 242 Background



This preview shows how black text looks on a background with the RYB color 185, 240, 242.

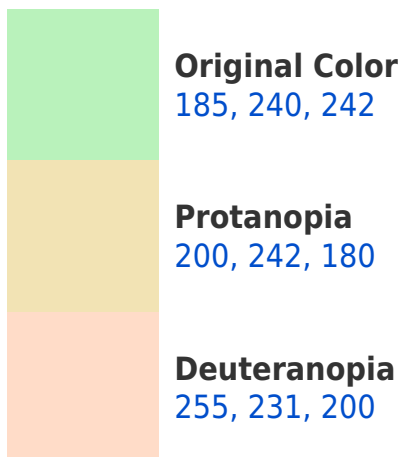


This preview shows how white text looks on a background with the RYB color 185, 240, 242.

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
196, 218, 252

Trichromacy



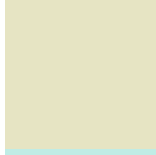
Original Color

185, 240, 242



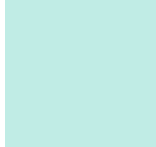
Protanomaly

183, 232, 194



Deuteranomaly

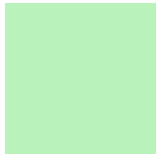
197, 230, 195



Tritanomaly

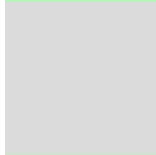
192, 216, 236

Monochromacy



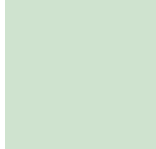
Original Color

185, 240, 242



Achromatopsia

219, 219, 219



Achromatomaly

207, 227, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 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(185, 242, 187)` looks like.

```
.text, #text, p{  
    color:rgb(185, 242, 187)  
}
```

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, 242, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 242, 187) }
```

Border

The CSS property to change the border of an element to RYB 185, 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(185, 242, 187) }
```

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

```
.border{ border-color:rgb(185, 242, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 242, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 242, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 242, 187);  
box-shadow:4px 4px 4px 4px rgb(185, 242,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 185, 240, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 242, 187) }
```

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

```
.background{ background-color: rgb(185,  
242, 187) }
```

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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