

Converting Colors

`RYB(185, 227, 221)`

Have a look what the booklet for
RYB(185, 227, 221) contains.

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Color

R_YB(185, 227, 221)

Conversions

Conversions Part 1

Format	Color
Hex	BFE3B9
RGB	191, 227, 185
RGB Percent	75%, 89%, 73%
CMY	0.2510, 0.1098, 0.2745
CMYK	0.16, 0.00, 0.19, 0.11
HSL	111°, 43%, 81%
HSV	111°, 19%, 89%
XYZ	57.7119, 69.5173, 56.2754
YIQ	211.4480, -7.9740, -20.6940

Conversions

Conversions Part 2

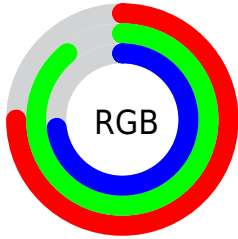
Format	Color
RYB	185, 227, 221
Decimal	12575673
CIELab	86.76, -19.53, 16.67
CIELCh	87, 25.680, 139.526
Yxy	69.5173, 0.3145, 0.3788
Android (android.graphics.Color)	4290765753 (0xFFBFE3B9)
YUV	211.4480, -13.0389, -17.9329
Hunter-Lab	83.3770, -22.3558, 18.3461

Details

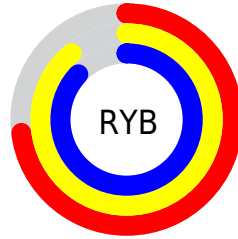
The RYB color **185, 227, 221** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **221, 185, 227**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **241, 255, 248**, and **132, 172, 167** is the 20% darker color. If you saturate the color by 10%, you get **162, 227, 217**, and if you desaturate by 10%, it is **208, 227, 225**.

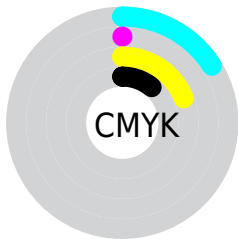
Distribution



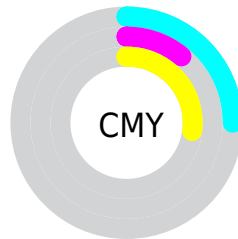
- Red (75%)
- Green (89%)
- Blue (73%)



- Red (73%)
- Yellow (89%)
- Blue (87%)



- Cyan (16%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)



- Cyan (25%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 227, 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, 227, 221 by changing the saturation by 10% instead.


 185, 227, 221

255, 255, 255


 241, 255, 248

 185, 227, 221

 158, 199, 193

 132, 172, 167

 107, 145, 141

 82, 119, 115

 59, 94, 91

 37, 70, 68

 16, 48, 47

 0, 28, 28

 0, 0, 0

 185, 227, 221

 185, 227, 221

 162, 227, 217


 208, 227, 225

 140, 227, 215

 230, 227, 230

 117, 227, 211

 249, 227, 253

 94, 227, 208

 255, 227, 255

 72, 227, 205

 49, 227, 202

 26, 227, 198

 3, 227, 195

 0, 227, 195

Harmonies

Analogous

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



171, 221, 173



185, 227, 221



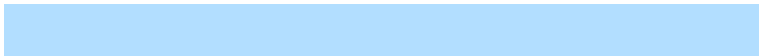
165, 205, 231

Triad

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



185, 227, 221



178, 206, 255



255, 200, 202

Complementary

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



185, 227, 221



221, 185, 227

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, 201, 227



185, 227, 221



210, 214, 255

Square

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



185, 227, 221



154, 196, 253



240, 206, 249



255, 217, 181

Rectangle

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



185, 227, 221



153, 194, 231



240, 206, 249



255, 200, 210

Sweetspot

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



185, 227, 221



240, 255, 253



192, 227, 185



119, 128, 127



0, 0, 0



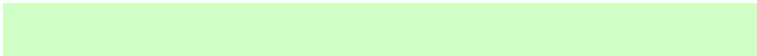
128, 128, 128

Same Dimension

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



185, 227, 221



199, 255, 247



185, 216, 227



103, 115, 113



0, 179, 153



0, 51, 44

Inverse Universe

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



221, 185, 227



247, 199, 255



227, 185, 212



113, 103, 115



153, 0, 179



44, 0, 51

Previews

White Background



This preview shows how the RYB color 185, 227, 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, 227, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

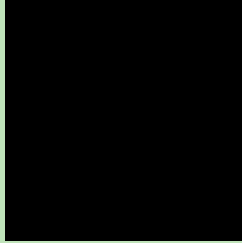
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

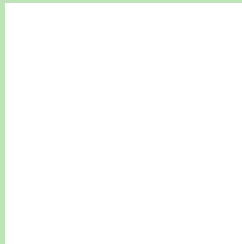
Any Text WCAG AAA ✓ Pass

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

RYB 185, 227, 221 Background



This preview shows how black text looks on a background with the RYB color 185, 227, 221.

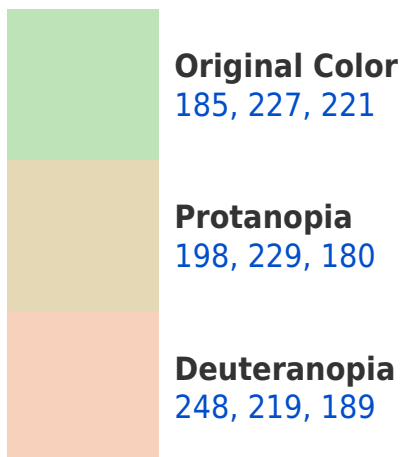


This preview shows how white text looks on a background with the RYB color 185, 227, 221.

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
200, 213, 237

Trichromacy



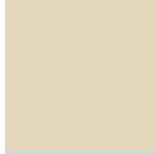
Original Color

185, 227, 221



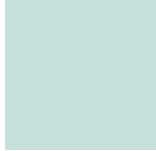
Protanomaly

182, 220, 187



Deuteranomaly

203, 227, 188



Tritanomaly

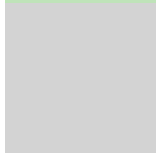
197, 211, 223

Monochromacy



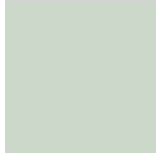
Original Color

185, 227, 221



Achromatopsia

211, 211, 211



Achromatomaly

202, 217, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 227, 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(191, 227, 185)` looks like.

```
.text, #text, p{  
    color:rgb(191, 227, 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, 227, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 227, 185) }
```

Border

The CSS property to change the border of an element to RYB 185, 227, 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(191, 227, 185) }
```

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

```
.border{ border-color:rgb(191, 227, 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, 227, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 227, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 227, 185);  
box-shadow:4px 4px 4px 4px rgb(191, 227,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 185, 227, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 227, 185) }
```

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

```
.background{ background-color: rgb(191,  
227, 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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