

Converting Colors

`RYB(171, 235, 187)`

Have a look what the booklet for
RYB(171, 235, 187) contains.

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Color

R_YB(171, 235, 187)

Conversions

Conversions Part 1

Format	Color
Hex	DBEBAB
RGB	219, 235, 171
RGB Percent	86%, 92%, 67%
CMY	0.1412, 0.0784, 0.3294
CMYK	0.07, 0.00, 0.27, 0.08
HSL	75°, 62%, 80%
HSV	75°, 27%, 92%
XYZ	66.2724, 77.4170, 49.9781
YIQ	222.9200, 11.0080, -23.2960

Conversions

Conversions Part 2

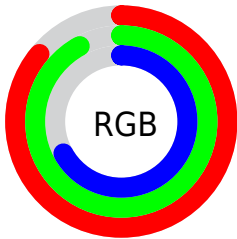
Format	Color
RYB	171, 235, 187
Decimal	14412715
CIELab	90.51, -15.74, 29.37
CIELCh	91, 33.317, 118.186
Yxy	77.4170, 0.3422, 0.3997
Android (android.graphics.Color)	4292602795 (0xFFDBEBAB)
YUV	222.9200, -25.5966, -3.4378
Hunter-Lab	87.9869, -19.5296, 27.9131

Details

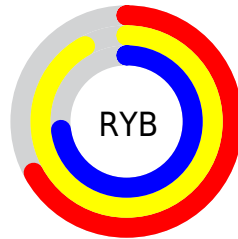
The RYB color **171, 235, 187** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **187, 171, 235**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **227, 255, 227**, and **118, 179, 134** is the 20% darker color. If you saturate the color by 10%, you get **147, 235, 169**, and if you desaturate by 10%, it is **195, 235, 205**.

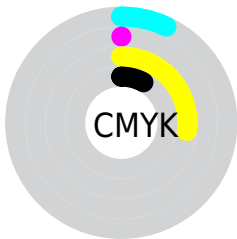
Distribution



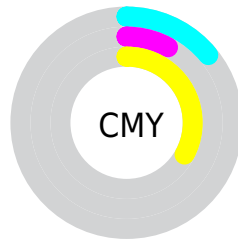
- Red (86%)
- Green (92%)
- Blue (67%)



- Red (67%)
- Yellow (92%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (27%)
- Black (8%)



- Cyan (14%)
- Magenta (8%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 235, 187 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 171, 235, 187 by changing the saturation by 10% instead.

 171, 235, 187


255, 255, 255

 227, 255, 227

 171, 235, 187


 144, 207, 160

 118, 179, 134


 93, 152, 108

 69, 127, 85

 46, 102, 62

 23, 78, 40

 0, 55, 16

 0, 33, 17

 0, 4, 4

 171, 235, 187


 171, 235, 187

 147, 235, 169

 195, 235, 205

 124, 235, 152

 218, 235, 222

 101, 235, 135

 237, 235, 242

 77, 235, 117

 243, 235, 255

 54, 235, 99

 248, 235, 255

 30, 235, 81

 254, 235, 255

 6, 235, 63

 255, 235, 255

 0, 235, 59

Harmonies

Analogous

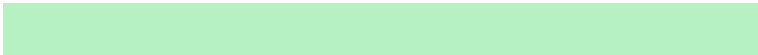
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



205, 253, 164



171, 235, 187



182, 233, 242

Triad

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



171, 235, 187



145, 196, 255



255, 205, 231

Complementary

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



171, 235, 187



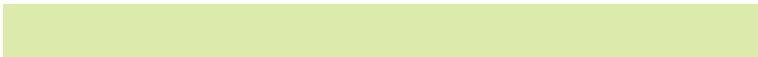
187, 171, 235

Split Complementary

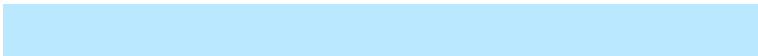
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 210, 255



171, 235, 187



185, 213, 255

Square

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



171, 235, 187



131, 190, 255



230, 220, 255



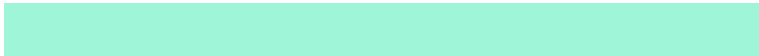
255, 207, 199

Rectangle

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



171, 235, 187



159, 211, 245



230, 220, 255



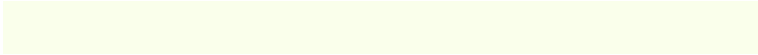
255, 206, 242

Sweetspot

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



171, 235, 187



235, 255, 240



235, 192, 171



115, 128, 119



0, 0, 0



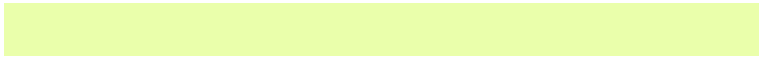
128, 128, 128

Same Dimension

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



171, 235, 187



171, 255, 192



171, 235, 219



106, 117, 109



0, 181, 45



0, 54, 14

Inverse Universe

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



187, 171, 235



192, 171, 255



219, 171, 235



109, 106, 117



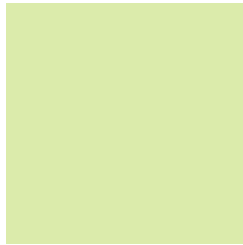
45, 0, 181



13, 0, 54

Previews

White Background



This preview shows how the RYB color 171, 235, 187 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 171, 235, 187 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 171, 235, 187 Background



This preview shows how black text looks on a background with the RYB color 171, 235, 187.

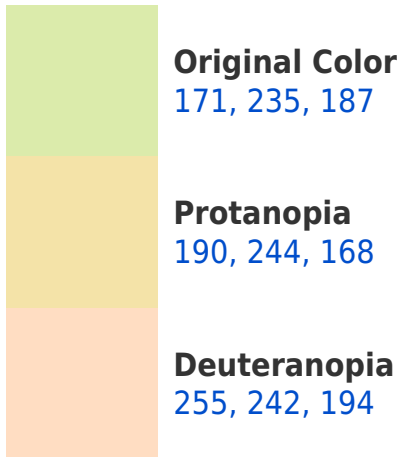


This preview shows how white text looks on a background with the RYB color 171, 235, 187.

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](#).

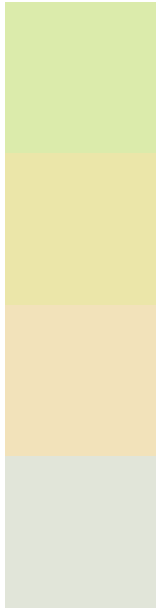
Dichromacy





Tritanopia
229, 226, 243

Trichromacy



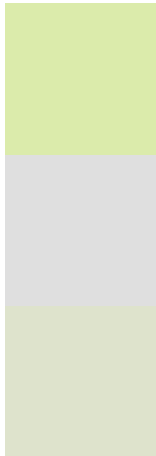
Original Color
171, 235, 187

Protanomaly
174, 235, 169

Deuteranomaly
208, 242, 186

Tritanomaly
217, 229, 221

Monochromacy



Original Color
171, 235, 187

Achromatopsia
223, 223, 223

Achromatomaly
204, 227, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 235, 187 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(219, 235, 171)` looks like.

```
.text, #text, p{  
    color:rgb(219, 235, 171)  
}
```

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(219, 235, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 235, 171) }
```

Border

The CSS property to change the border of an element to RYB 171, 235, 187 is called "border". The border property can be set on classes, ids or directly on the HTML element.

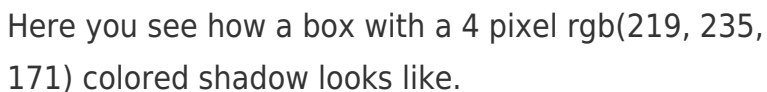
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 235, 171) }
```

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

```
.border{ border-color:rgb(219, 235, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 235, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 235, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 235, 171); box-shadow:4px 4px 4px 4px rgb(219, 235, 171) }
```

Background

The CSS property to change the background color of an element to RYB 171, 235, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 235, 171) }
```

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

```
.background{ background-color: rgb(219,  
235, 171) }
```

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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