

Converting Colors

`RYB(135, 227, 187)`

Have a look what the booklet for
RYB(135, 227, 187) contains.

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Color

R_YB(135, 227, 187)

Conversions

Conversions Part 1

Format	Color
Hex	AFE387
RGB	175, 227, 135
RGB Percent	69%, 89%, 53%
CMY	0.3137, 0.1098, 0.4706
CMYK	0.23, 0.00, 0.41, 0.11
HSL	94°, 62%, 71%
HSV	94°, 41%, 89%
XYZ	49.5215, 65.8014, 33.0126
YIQ	200.9640, -1.4600, -39.6360

Conversions

Conversions Part 2

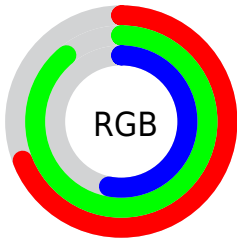
Format	Color
RYB	135, 227, 187
Decimal	11527047
CIELab	84.90, -32.56, 39.60
CIELCh	85, 51.263, 129.427
Yxy	65.8014, 0.3338, 0.4436
Android (android.graphics.Color)	4289717127 (0xFFAFE387)
YUV	200.9640, -32.5203, -22.7704
Hunter-Lab	81.1181, -32.9848, 32.6534

Details

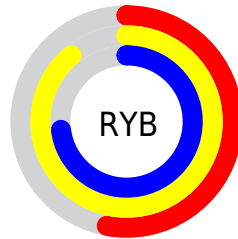
The RYB color **135, 227, 187** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **187, 135, 227**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **189, 255, 212**, and **83, 171, 133** is the 20% darker color. If you saturate the color by 10%, you get **112, 227, 177**, and if you desaturate by 10%, it is **158, 227, 197**.

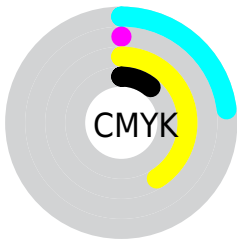
Distribution



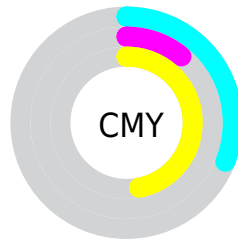
- Red (69%)
- Green (89%)
- Blue (53%)



- Red (53%)
- Yellow (89%)
- Blue (73%)



- Cyan (23%)
- Magenta (0%)
- Yellow (41%)
- Black (11%)



- Cyan (31%)
- Magenta (11%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 227, 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 135, 227, 187 by changing the saturation by 10% instead.

 135, 227, 187

255, 255, 255


 189, 255, 212


 218, 255, 218

 246, 255, 246

 135, 227, 187

 109, 199, 161

 83, 171, 133

 59, 145, 110

 34, 119, 85

 5, 94, 57

 0, 70, 55

 0, 47, 47

 0, 26, 26

 0, 0, 0

 135, 227, 187

 135, 227, 187

 112, 227, 177

 158, 227, 197

 90, 227, 168

 180, 227, 206

 67, 227, 157

 203, 227, 217

 44, 227, 147

 226, 227, 227

 22, 227, 138

 239, 227, 249

 0, 227, 128

 252, 227, 255

 255, 227, 255

Harmonies

Analogous

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



130, 228, 114



135, 227, 187



111, 192, 235

Triad

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



135, 227, 187



50, 145, 255



255, 173, 198

Complementary

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



135, 227, 187



187, 135, 227

Split Complementary

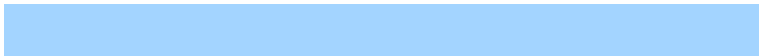
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 178, 247



135, 227, 187



163, 195, 255

Square

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



135, 227, 187



0, 122, 255



237, 194, 255



255, 192, 153

Rectangle

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



135, 227, 187



44, 148, 237



237, 194, 255



255, 173, 215

Sweetspot

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



135, 227, 187



224, 255, 241



209, 227, 135



110, 128, 121



0, 0, 0



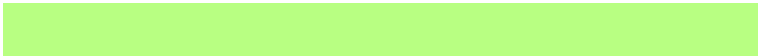
128, 128, 128

Same Dimension

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



135, 227, 187



130, 255, 201



135, 222, 227



103, 115, 110



0, 179, 101



0, 51, 29

Inverse Universe

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



187, 135, 227



201, 130, 255



227, 135, 222



110, 103, 115



101, 0, 179



29, 0, 51

Previews

White Background



This preview shows how the RYB color 135, 227, 187 looks on a white background.

Color Contrast Check

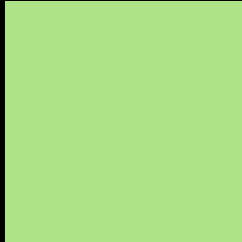
Large Text (above 18pt) WCAG AA × Fail

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 135, 227, 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 135, 227, 187 Background



This preview shows how black text looks on a background with the RYB color 135, 227, 187.

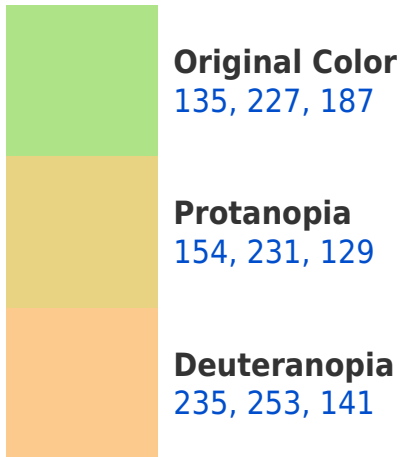


This preview shows how white text looks on a background with the RYB color 135, 227, 187.

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
190, 206, 233

Trichromacy



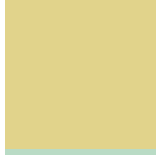
Original Color

135, 227, 187



Protanomaly

131, 217, 137



Deuteranomaly

156, 225, 139



Tritanomaly

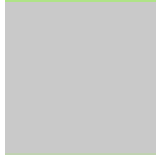
185, 210, 219

Monochromacy



Original Color

135, 227, 187



Achromatopsia

201, 201, 201



Achromatomaly

177, 210, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 227, 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(175, 227, 135)` looks like.

```
.text, #text, p{  
    color:rgb(175, 227, 135)  
}
```

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(175, 227, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 227, 135) }
```

Border

The CSS property to change the border of an element to RYB 135, 227, 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(175, 227, 135) }
```

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

```
.border{ border-color:rgb(175, 227, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 227, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 227, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 227, 135);  
box-shadow:4px 4px 4px 4px rgb(175, 227,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 135, 227, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 227, 135) }
```

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

```
.background{ background-color: rgb(175,  
227, 135) }
```

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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