

Converting Colors

`RYB(167, 238, 189)`

Have a look what the booklet for
RYB(167, 238, 189) contains.

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Color

R_YB(167, 238, 189)

Conversions

Conversions Part 1

Format	Color
Hex	D8EEA7
RGB	216, 238, 167
RGB Percent	85%, 93%, 65%
CMY	0.1529, 0.0667, 0.3451
CMYK	0.09, 0.00, 0.30, 0.07
HSL	79°, 68%, 79%
HSV	79°, 30%, 93%
XYZ	65.8685, 78.5380, 48.2469
YIQ	223.3280, 9.6790, -26.7450

Conversions

Conversions Part 2

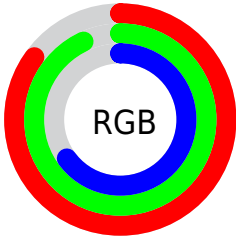
Format	Color
R _Y B	167, 238, 189
Decimal	14216871
CIE Lab	91.02, -18.84, 32.05
CIE LCh	91, 37.180, 120.455
Yxy	78.5380, 0.3419, 0.4077
Android (android.graphics.Color)	4292406951 (0xFFD8EEA7)
YUV	223.3280, -27.7697, -6.4267
Hunter-Lab	88.6217, -22.4170, 29.7568

Details

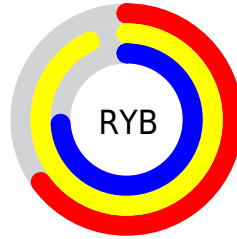
The RYB color **167, 238, 189** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **189, 167, 238**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **223, 255, 223**, and **114, 182, 136** is the 20% darker color. If you saturate the color by 10%, you get **143, 238, 172**, and if you desaturate by 10%, it is **191, 238, 206**.

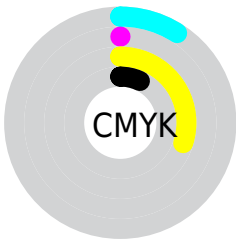
Distribution



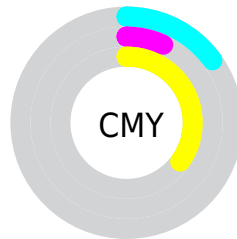
- Red (85%)
- Green (93%)
- Blue (65%)



- Red (65%)
- Yellow (93%)
- Blue (74%)



- Cyan (9%)
- Magenta (0%)
- Yellow (30%)
- Black (7%)



- Cyan (15%)
- Magenta (7%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 238, 189 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 167, 238, 189 by changing the saturation by 10% instead.

 167, 238, 189

255, 255, 255


 223, 255, 223

 251, 255, 251


 167, 238, 189

 140, 210, 162

 114, 182, 136

 89, 155, 110

 65, 129, 86

 41, 104, 62

 18, 80, 40

 0, 57, 21


 0, 35, 24

 0, 7, 7

 167, 238, 189

 167, 238, 189

 143, 238, 172

 191, 238, 206

 119, 238, 156

 215, 238, 222

 96, 238, 140

 238, 238, 238

 72, 238, 123

 245, 238, 255

 48, 238, 107

 253, 238, 255

 24, 238, 90

 255, 238, 255

 0, 238, 74

Harmonies

Analogous

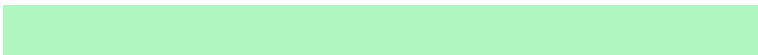
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



196, 254, 158



167, 238, 189



175, 232, 246

Triad

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



167, 238, 189



135, 192, 255



255, 203, 230

Complementary

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



167, 238, 189



189, 167, 238

Split Complementary

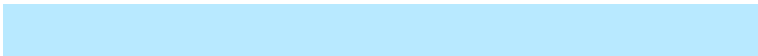
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 208, 255



167, 238, 189



184, 213, 255

Square

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



167, 238, 189



115, 183, 255



235, 220, 255



255, 208, 195

Rectangle

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



167, 238, 189



148, 208, 248



235, 220, 255



255, 204, 242

Sweetspot

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



167, 238, 189



232, 255, 239



238, 197, 167



113, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

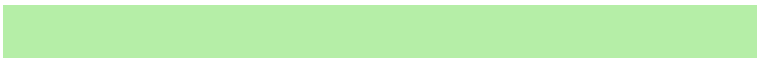
The Same Dimension uses a secret algorithm to generate beautiful new colors.



167, 238, 189



163, 255, 191



167, 238, 224



108, 120, 112



0, 184, 57



0, 56, 17

Inverse Universe

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



189, 167, 238



192, 163, 255



224, 167, 238



112, 108, 120



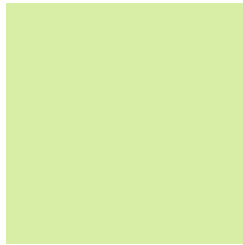
57, 0, 184



17, 0, 56

Previews

White Background



This preview shows how the RYB color 167, 238, 189 looks on a white background.

Color Contrast Check

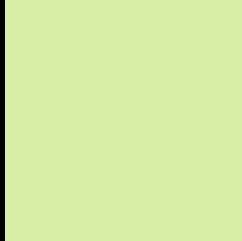
Large Text (above 18pt) WCAG AA × Fail

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 167, 238, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

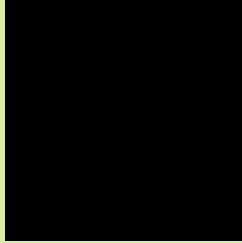
Any Text WCAG AA ✓ Pass

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 167, 238, 189 Background



This preview shows how black text looks on a background with the RYB color 167, 238, 189.

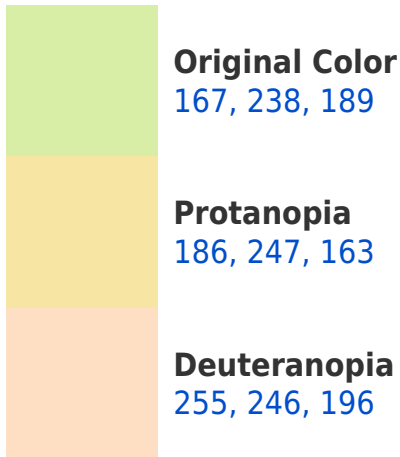


This preview shows how white text looks on a background with the RYB color 167, 238, 189.

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

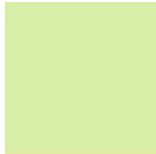




Tritanopia

227, 228, 246

Trichromacy



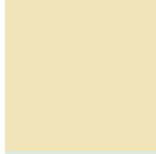
Original Color

167, 238, 189



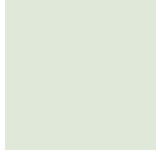
Protanomaly

168, 236, 164



Deuteranomaly

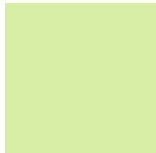
202, 241, 185



Tritanomaly

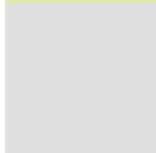
217, 232, 226

Monochromacy



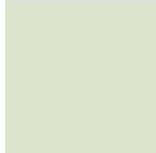
Original Color

167, 238, 189



Achromatopsia

223, 223, 223



Achromatomaly

203, 228, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 167, 238, 189 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(216, 238, 167) looks like.

```
.text, #text, p{  
    color:rgb(216, 238, 167)  
}
```

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(216, 238, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 238, 167) }
```

Border

The CSS property to change the border of an element to RYB 167, 238, 189 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(216, 238, 167) }
```

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

```
.border{ border-color:rgb(216, 238, 167) }
```

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

Here you see how a box with a 4 pixel rgb(216, 238, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 238, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 238, 167);  
box-shadow:4px 4px 4px 4px rgb(216, 238,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 167, 238, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 238, 167) }
```

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

```
.background{ background-color: rgb(216,  
238, 167) }
```

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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