

Converting Colors

RGB(165, 229, 190)

Have a look what the booklet for
RGB(165, 229, 190) contains.

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Color

RGB(165, 229, 190)

Conversions

Conversions Part 1

Format	Color
Hex	A5E5BE
RGB	165, 229, 190
RGB Percent	65%, 90%, 75%
CMY	0.3529, 0.1020, 0.2549
CMYK	0.28, 0.00, 0.17, 0.10
HSL	143°, 55%, 77%
HSV	143°, 28%, 90%
XYZ	52.8306, 67.7557, 59.0089
YIQ	205.4180, -25.6250, -25.6970

Conversions

Conversions Part 2

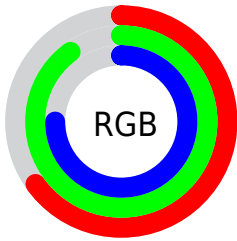
Format	Color
RYB	165, 211, 229
Decimal	10872254
CIELab	85.88, -28.05, 12.60
CIELCh	86, 30.752, 155.808
Yxy	67.7557, 0.2942, 0.3773
Android (android.graphics.Color)	4289062334 (0xFFA5E5BE)
YUV	205.4180, -7.6011, -35.4466
Hunter-Lab	82.3138, -29.4844, 15.1160

Details

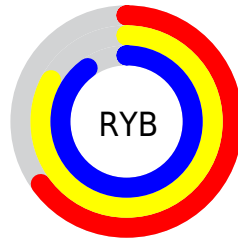
The RGB color **165, 229, 190** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **229, 165, 204**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **221, 255, 246**, and **111, 173, 137** is the 20% darker color. If you saturate the color by 10%, you get **142, 229, 176**, and if you desaturate by 10%, it is **188, 229, 204**.

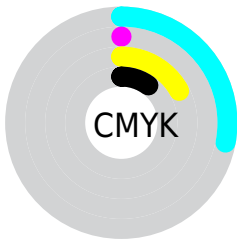
Distribution



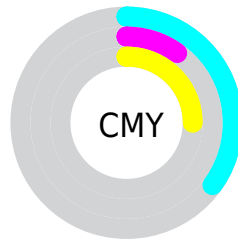
- Red (65%)
- Green (90%)
- Blue (75%)



- Red (65%)
- Yellow (83%)
- Blue (90%)



- Cyan (28%)
- Magenta (0%)
- Yellow (17%)
- Black (10%)



- Cyan (35%)
- Magenta (10%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 229, 190 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 RGB color 165, 229, 190 by changing the saturation by 10% instead.

 165, 229, 190


255, 255, 255

 221, 255, 246


 250, 255, 255

 165, 229, 190

 138, 201, 163

 111, 173, 137

 85, 146, 111

 60, 120, 87

 34, 95, 63

 2, 71, 41

 0, 48, 21

 0, 29, 0

 0, 0, 0

 165, 229, 190

 165, 229, 190

 142, 229, 176

 188, 229, 204

 119, 229, 162

 211, 229, 218

 96, 229, 148

 234, 229, 232

 73, 229, 134

 255, 229, 246

 51, 229, 120

 255, 229, 255

 28, 229, 106

 5, 229, 92

 0, 229, 89

Harmonies

Analogous

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



198, 223, 167



165, 229, 190



137, 231, 220

Triad

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



165, 229, 190



187, 216, 255



255, 197, 182

Complementary

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



165, 229, 190



229, 165, 204

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, 193, 210



165, 229, 190



227, 205, 255

Square

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



165, 229, 190



148, 224, 255



255, 197, 239



255, 205, 162

Rectangle

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



165, 229, 190



128, 231, 239



255, 197, 239



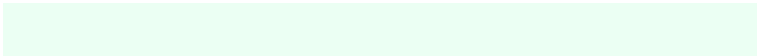
255, 195, 191

Sweetspot

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



165, 229, 190



235, 255, 243



204, 229, 165



115, 128, 120



0, 0, 0



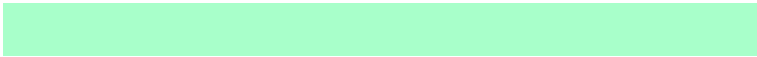
128, 128, 128

Same Dimension

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



165, 229, 190



168, 255, 202



165, 229, 222



103, 115, 108



0, 179, 70



0, 51, 20

Inverse Universe

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



229, 165, 204



255, 168, 221



229, 165, 172



115, 103, 110



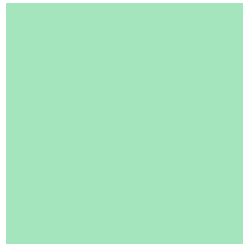
179, 0, 109



51, 0, 31

Previews

White Background



This preview shows how the RGB color 165, 229, 190 looks on a white background.

Color Contrast Check

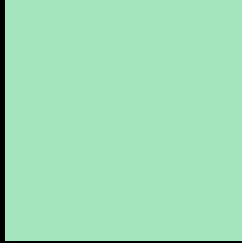
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 165, 229, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

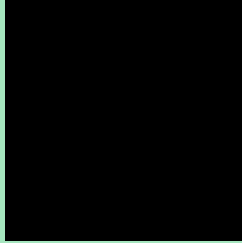
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

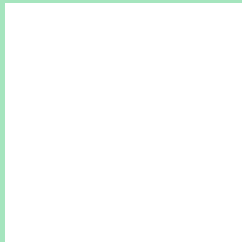
Any Text WCAG AAA ✓ Pass

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

RGB 165, 229, 190 Background



This preview shows how black text looks on a background with the RGB color 165, 229, 190.

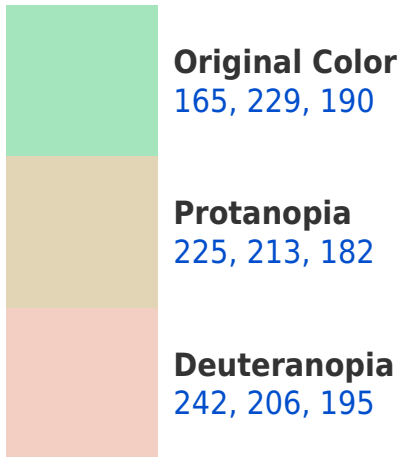


This preview shows how white text looks on a background with the RGB color 165, 229, 190.

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





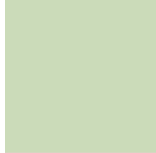
Tritanopia
175, 222, 240

Trichromacy



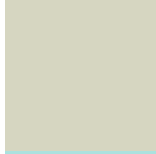
Original Color

165, 229, 190



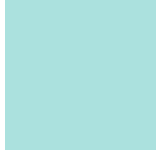
Protanomaly

203, 219, 185



Deuteranomaly

214, 214, 193



Tritanomaly

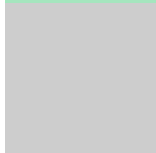
171, 225, 222

Monochromacy



Original Color

165, 229, 190



Achromatopsia

205, 205, 205



Achromatomaly

190, 214, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 229, 190 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(165, 229, 190)` looks like.

```
.text, #text, p{  
    color:rgb(165, 229, 190)  
}
```

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(165, 229, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 229, 190) }
```

Border

The CSS property to change the border of an element to RGB 165, 229, 190 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(165, 229, 190) }
```

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

```
.border{ border-color:rgb(165, 229, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 229, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 229, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 229, 190); box-shadow:4px 4px 4px 4px rgb(165, 229, 190) }
```

Background

The CSS property to change the background color of an element to RGB 165, 229, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 229, 190) }
```

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

```
.background{ background-color: rgb(165,  
229, 190) }
```

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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