

Converting Colors

RGB(165, 234, 216)

Have a look what the booklet for
RGB(165, 234, 216) contains.

RGB(165, 234, 216)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(165, 234, 216)

Conversions

Conversions Part 1

Format	Color
Hex	A5EAD8
RGB	165, 234, 216
RGB Percent	65%, 92%, 85%
CMY	0.3529, 0.0824, 0.1529
CMYK	0.29, 0.00, 0.08, 0.08
HSL	164°, 62%, 78%
HSV	164°, 29%, 92%
XYZ	57.3345, 71.8028, 75.8032
YIQ	211.3170, -35.3460, -20.2260

Conversions

Conversions Part 2

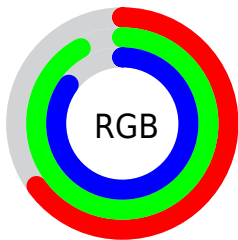
Format	Color
RYB	165, 205, 234
Decimal	10873560
CIELab	87.87, -25.26, 1.83
CIELCh	88, 25.327, 175.847
Yxy	71.8028, 0.2798, 0.3504
Android (android.graphics.Color)	4289063640 (0xFFA5EAD8)
YUV	211.3170, 2.3087, -40.6200
Hunter-Lab	84.7366, -27.5121, 6.2762

Details

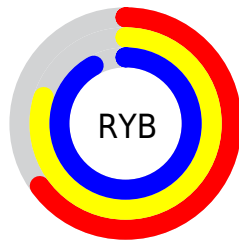
The RGB color **165, 234, 216** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **234, 165, 183**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **222, 255, 255**, and **111, 178, 161** is the 20% darker color. If you saturate the color by 10%, you get **142, 234, 210**, and if you desaturate by 10%, it is **188, 234, 222**.

Distribution



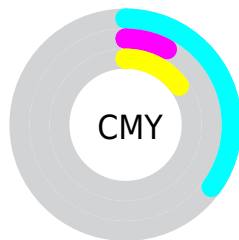
- Red (65%)
- Green (92%)
- Blue (85%)



- Red (65%)
- Yellow (80%)
- Blue (92%)



- Cyan (29%)
- Magenta (0%)
- Yellow (8%)
- Black (8%)



- Cyan (35%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 234, 216 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, 234, 216 by changing the saturation by 10% instead.


 165, 234, 216

 165, 234, 216


255, 255, 255

 138, 206, 188


 222, 255, 255

 111, 178, 161

 251, 255, 255


 84, 151, 135

 58, 125, 110

 30, 100, 85

 0, 76, 62

 0, 52, 41

 0, 32, 20

 0, 0, 0

 165, 234, 216

 165, 234, 216

 142, 234, 210

 188, 234, 222

 118, 234, 204

 212, 234, 228

 95, 234, 198

 235, 234, 234

 71, 234, 192

 255, 234, 240

 48, 234, 185

 255, 234, 247

 25, 234, 179

 255, 234, 253

 1, 234, 173

 255, 234, 255

 0, 234, 173

Harmonies

Analogous

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



189, 231, 193



165, 234, 216



153, 234, 240

Triad

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



165, 234, 216



220, 215, 255



255, 210, 181

Complementary

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



165, 234, 216



234, 165, 183

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, 204, 200



165, 234, 216



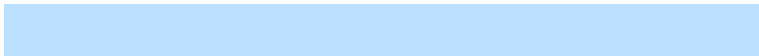
248, 208, 248

Square

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



165, 234, 216



188, 224, 255



255, 204, 225



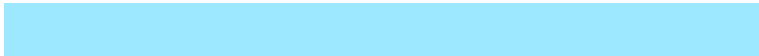
242, 218, 173

Rectangle

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



165, 234, 216



157, 232, 254



255, 204, 225



255, 208, 187

Sweetspot

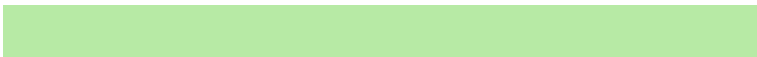
The Sweet Spot groups the original color and five complimentary colors.



165, 234, 216



232, 255, 249



183, 234, 165



113, 128, 124



0, 0, 0



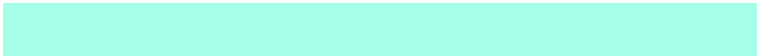
128, 128, 128

Same Dimension

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



165, 234, 216



166, 255, 232



165, 218, 234



106, 117, 114



0, 181, 134



0, 54, 40

Inverse Universe

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



234, 165, 183



255, 166, 189



234, 181, 165



117, 106, 109



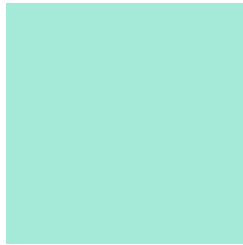
181, 0, 47



54, 0, 14

Previews

White Background



This preview shows how the RGB color 165, 234, 216 looks on a white background.

Color Contrast Check

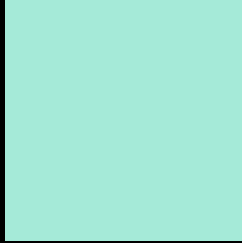
Large Text (above 18pt) WCAG AA × Fail

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, 234, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

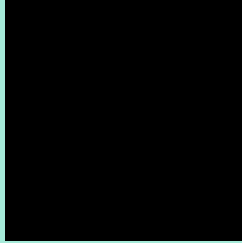
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

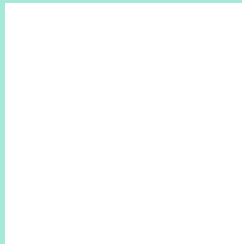
Any Text WCAG AAA ✓ Pass

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

RGB 165, 234, 216 Background



This preview shows how black text looks on a background with the RGB color 165, 234, 216.

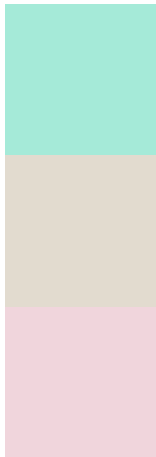


This preview shows how white text looks on a background with the RGB color 165, 234, 216.

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



Original Color
165, 234, 216

Protanopia
226, 219, 207

Deuteranopia
240, 213, 220



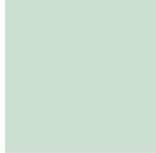
Tritanopia
172, 229, 248

Trichromacy



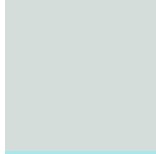
Original Color

165, 234, 216



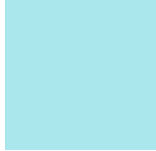
Protanomaly

204, 224, 210



Deuteranomaly

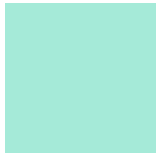
213, 221, 219



Tritanomaly

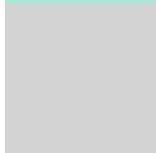
169, 231, 236

Monochromacy



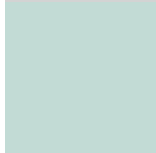
Original Color

165, 234, 216



Achromatopsia

211, 211, 211



Achromatomaly

194, 219, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 234, 216 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, 234, 216)` looks like.

```
.text, #text, p{  
    color:rgb(165, 234, 216)  
}
```

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, 234, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 234, 216) }
```

Border

The CSS property to change the border of an element to RGB 165, 234, 216 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, 234, 216) }
```

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

```
.border{ border-color:rgb(165, 234, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 234, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 234, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 234, 216);  
box-shadow:4px 4px 4px 4px rgb(165, 234,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 165, 234, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 234, 216) }
```

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

```
.background{ background-color: rgb(165,  
234, 216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor