

Converting Colors

RGB(165, 238, 221)

Have a look what the booklet for
RGB(165, 238, 221) contains.

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Color

RGB(165, 238, 221)

Conversions

Conversions Part 1

Format	Color
Hex	A5EEDD
RGB	165, 238, 221
RGB Percent	65%, 93%, 87%
CMY	0.3529, 0.0667, 0.1333
CMYK	0.31, 0.00, 0.07, 0.07
HSL	166°, 68%, 79%
HSV	166°, 31%, 93%
XYZ	59.1427, 74.3689, 79.6441
YIQ	214.2350, -38.0510, -20.7630

Conversions

Conversions Part 2

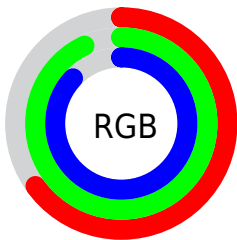
Format	Color
RYB	165, 206, 238
Decimal	10874589
CIELab	89.10, -26.14, 1.00
CIELCh	89, 26.156, 177.813
Yxy	74.3689, 0.2775, 0.3489
Android (android.graphics.Color)	4289064669 (0xFFA5EEDD)
YUV	214.2350, 3.3351, -43.1791
Hunter-Lab	86.2374, -28.4978, 5.6092

Details

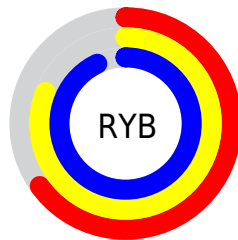
The RGB color **165, 238, 221** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **238, 165, 182**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **222, 255, 255**, and **110, 182, 166** is the 20% darker color. If you saturate the color by 10%, you get **141, 238, 215**, and if you desaturate by 10%, it is **189, 238, 227**.

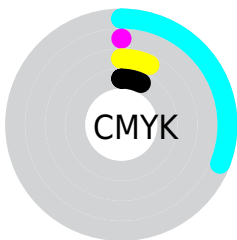
Distribution



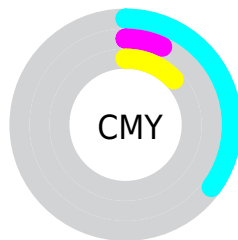
- Red (65%)
- Green (93%)
- Blue (87%)



- Red (65%)
- Yellow (81%)
- Blue (93%)



- Cyan (31%)
- Magenta (0%)
- Yellow (7%)
- Black (7%)



- Cyan (35%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 238, 221 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, 238, 221 by changing the saturation by 10% instead.


 165, 238, 221

 165, 238, 221


255, 255, 255


 137, 210, 193

 222, 255, 255

 110, 182, 166

 251, 255, 255

 84, 155, 140

 57, 129, 114

 28, 103, 90

 0, 79, 66


 0, 55, 44

 0, 34, 24

 0, 0, 0

 165, 238, 221

 165, 238, 221

 141, 238, 215

 189, 238, 227

 117, 238, 210

 213, 238, 232

 94, 238, 204

 236, 238, 238

 70, 238, 199

 255, 238, 243

 46, 238, 193

 255, 238, 249

 22, 238, 188

 255, 238, 254

 0, 238, 183

 255, 238, 255

Harmonies

Analogous

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



189, 235, 197



165, 238, 221



154, 237, 246

Triad

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



165, 238, 221



226, 218, 255



255, 213, 182

Complementary

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



165, 238, 221



238, 165, 182

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, 207, 202



165, 238, 221



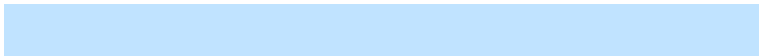
255, 210, 251

Square

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



165, 238, 221



192, 227, 255



255, 206, 227



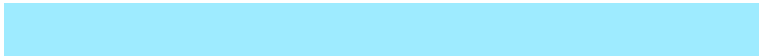
245, 221, 174

Rectangle

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



165, 238, 221



158, 235, 255



255, 206, 227



255, 211, 188

Sweetspot

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



165, 238, 221



232, 255, 250



182, 238, 165



113, 128, 124



0, 0, 0



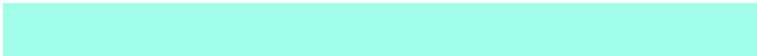
128, 128, 128

Same Dimension

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



165, 238, 221



161, 255, 233



165, 219, 238



108, 120, 117



0, 184, 141



0, 56, 43

Inverse Universe

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



238, 165, 182



255, 161, 183



238, 184, 165



120, 108, 111



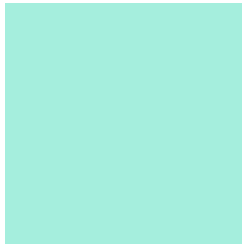
184, 0, 43



56, 0, 13

Previews

White Background



This preview shows how the RGB color 165, 238, 221 looks on a white background.

Color Contrast Check

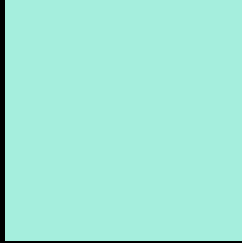
Large Text (above 18pt) WCAG AA × Fail

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, 238, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

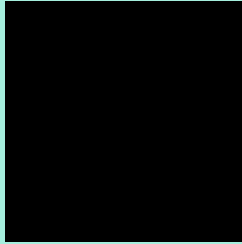
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

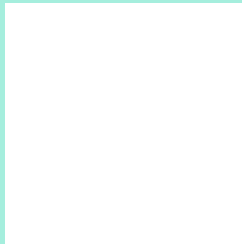
Any Text WCAG AAA ✓ Pass

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

RGB 165, 238, 221 Background



This preview shows how black text looks on a background with the RGB color 165, 238, 221.

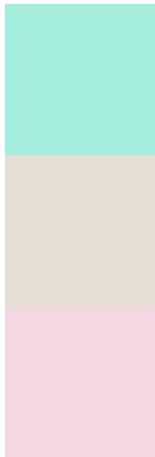


This preview shows how white text looks on a background with the RGB color 165, 238, 221.

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, 238, 221

Protanopia
229, 222, 212

Deuteranopia
243, 216, 226

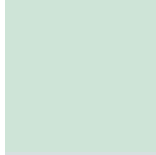


Tritanopia
172, 233, 252

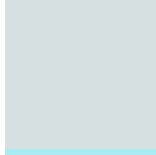
Trichromacy



Original Color
165, 238, 221



Protanomaly
206, 228, 215



Deuteranomaly
215, 224, 224

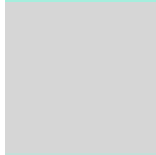


Tritanomaly
169, 235, 241

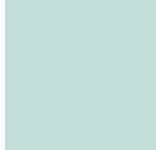
Monochromacy



Original Color
165, 238, 221



Achromatopsia
214, 214, 214



Achromatomaly
196, 223, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 238, 221 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, 238, 221)` looks like.

```
.text, #text, p{  
    color:rgb(165, 238, 221)  
}
```

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, 238, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 238, 221) }
```

Border

The CSS property to change the border of an element to RGB 165, 238, 221 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, 238, 221) }
```

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

```
.border{ border-color:rgb(165, 238, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 238, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 238, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 238, 221);  
box-shadow:4px 4px 4px 4px rgb(165, 238,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 165, 238, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 238, 221) }
```

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

```
.background{ background-color: rgb(165,  
238, 221) }
```

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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