

Converting Colors

RGB(167, 206, 215)

Have a look what the booklet for
RGB(167, 206, 215) contains.

RGB(167, 206, 215)	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(167, 206, 215)

Conversions

Conversions Part 1

Format	Color
Hex	A7CED7
RGB	167, 206, 215
RGB Percent	65%, 81%, 84%
CMY	0.3451, 0.1922, 0.1569
CMYK	0.22, 0.04, 0.00, 0.16
HSL	191°, 38%, 75%
HSV	191°, 22%, 84%
XYZ	50.2734, 57.2644, 72.6934
YIQ	195.3650, -26.1330, -5.4690

Conversions

Conversions Part 2

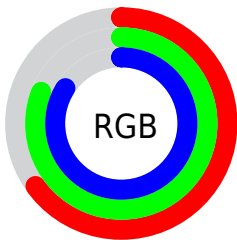
Format	Color
RYB	167, 189, 215
Decimal	10997463
CIELab	80.33, -10.85, -8.72
CIElCh	80, 13.915, 218.791
Yxy	57.2644, 0.2789, 0.3177
Android (android.graphics.Color)	4289187543 (0xFFA7CED7)
YUV	195.3650, 9.6801, -24.8761
Hunter-Lab	75.6732, -13.8420, -3.9840

Details

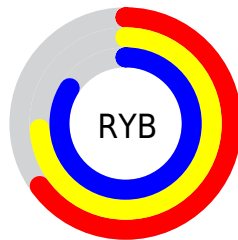
The RGB color **167, 206, 215** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **215, 176, 167**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **223, 255, 255**, and **114, 152, 160** is the 20% darker color. If you saturate the color by 10%, you get **146, 202, 215**, and if you desaturate by 10%, it is **189, 210, 215**.

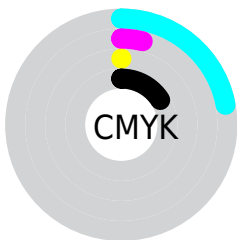
Distribution



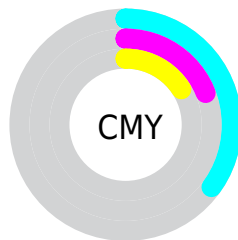
- Red (65%)
- Green (81%)
- Blue (84%)



- Red (65%)
- Yellow (74%)
- Blue (84%)



- Cyan (22%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (35%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 167, 206, 215 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 167, 206, 215 by changing the saturation by 10% instead.


 167, 206, 215


255, 255, 255


 223, 255, 255


 252, 255, 255


 167, 206, 215

 140, 178, 187


 114, 152, 160

 89, 126, 134

 64, 101, 109

 40, 77, 85

 14, 54, 61

 0, 33, 40

 0, 3, 20

 0, 0, 0

 167, 206, 215

 167, 206, 215

 146, 202, 215


 189, 210, 215

 124, 198, 215


 210, 214, 215

 103, 194, 215


 232, 218, 215

 81, 190, 215


 253, 222, 215

 60, 186, 215

 255, 226, 215

 38, 182, 215

 255, 230, 215

 17, 178, 215

 255, 234, 215

 0, 175, 215

 255, 238, 215

 255, 242, 215

Harmonies

Analogous

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



168, 207, 203



167, 206, 215



175, 203, 223

Triad

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



167, 206, 215



220, 192, 209



206, 200, 174

Complementary

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



167, 206, 215



215, 176, 167

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.



219, 195, 175



167, 206, 215



227, 190, 196

Square

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



167, 206, 215



207, 195, 220



226, 192, 184



191, 203, 179

Rectangle

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



167, 206, 215



185, 201, 225



226, 192, 184



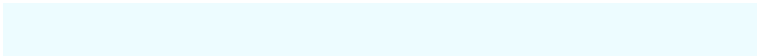
211, 198, 173

Sweetspot

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



167, 206, 215



237, 252, 255



167, 215, 176



117, 126, 128



0, 0, 0



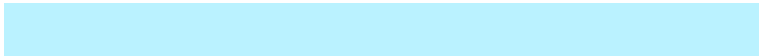
128, 128, 128

Same Dimension

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



167, 206, 215



186, 242, 255



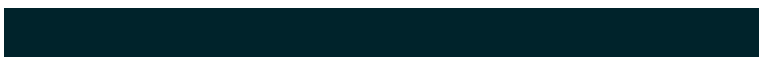
167, 182, 215



96, 105, 107



0, 139, 171



0, 35, 43

Inverse Universe

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



215, 167, 206



255, 186, 242



215, 200, 167



107, 96, 105



171, 0, 139



43, 0, 35

Previews

White Background



This preview shows how the RGB color 167, 206, 215 looks on a white background.

Color Contrast Check

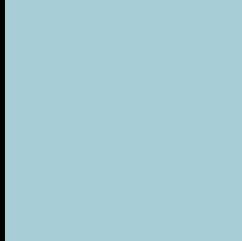
Large Text (above 18pt) WCAG AA × Fail

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 167, 206, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

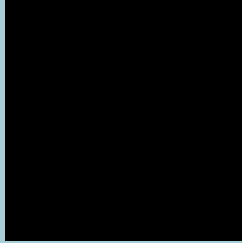
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

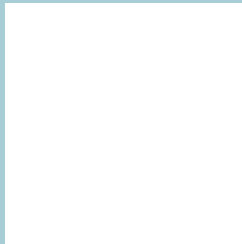
Any Text WCAG AAA ✓ Pass

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

RGB 167, 206, 215 Background



This preview shows how black text looks on a background with the RGB color 167, 206, 215.

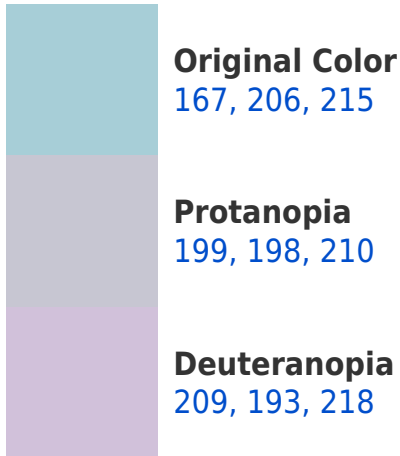


This preview shows how white text looks on a background with the RGB color 167, 206, 215.

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](#).

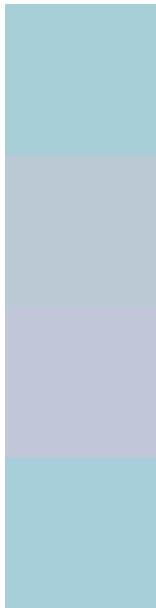
Dichromacy





Tritanopia
168, 205, 221

Trichromacy



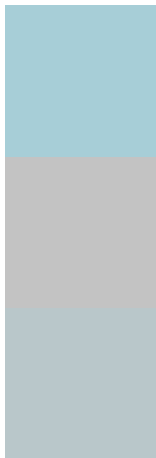
Original Color
167, 206, 215

Protanomaly
187, 201, 212

Deuteranomaly
194, 198, 217

Tritanomaly
168, 205, 219

Monochromacy



Original Color
167, 206, 215

Achromatopsia
195, 195, 195

Achromatomaly
185, 199, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 167, 206, 215 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(167, 206, 215)` looks like.

```
.text, #text, p{  
    color:rgb(167, 206, 215)  
}
```

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(167, 206, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 206, 215) }
```

Border

The CSS property to change the border of an element to RGB 167, 206, 215 is called "border". The border property can be set on classes, ids or directly on the HTML element.

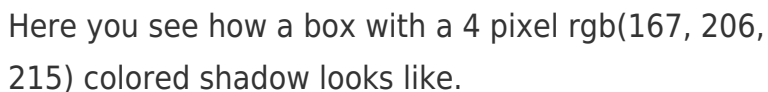
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 206, 215) }
```

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

```
.border{ border-color:rgb(167, 206, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 206, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 206, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 206, 215); box-shadow:4px 4px 4px 4px rgb(167, 206, 215) }
```

Background

The CSS property to change the background color of an element to RGB 167, 206, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 206, 215) }
```

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

```
.background{ background-color: rgb(167,  
206, 215) }
```

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