

Converting Colors

RGB(167, 220, 214)

Have a look what the booklet for
RGB(167, 220, 214) contains.

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Color

RGB(167, 220, 214)

Conversions

Conversions Part 1

Format	Color
Hex	A7DCD6
RGB	167, 220, 214
RGB Percent	65%, 86%, 84%
CMY	0.3451, 0.1373, 0.1608
CMYK	0.24, 0.00, 0.03, 0.14
HSL	173°, 43%, 76%
HSV	173°, 24%, 86%
XYZ	53.6671, 64.2569, 73.1926
YIQ	203.4690, -29.6620, -13.1020

Conversions

Conversions Part 2

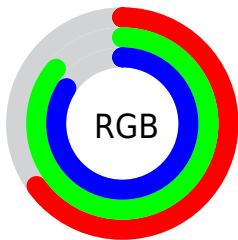
Format	Color
RYB	167, 195, 220
Decimal	11001046
CIELab	84.10, -18.20, -2.61
CIELCh	84, 18.386, 188.174
Yxy	64.2569, 0.2808, 0.3362
Android (android.graphics.Color)	4289191126 (0xFFA7DCD6)
YUV	203.4690, 5.1918, -31.9833
Hunter-Lab	80.1604, -20.7755, 1.9760

Details

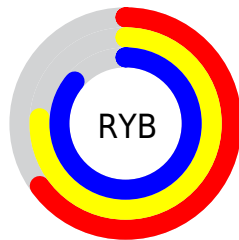
The RGB color **167, 220, 214** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **220, 167, 173**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **223, 255, 255**, and **114, 165, 159** is the 20% darker color. If you saturate the color by 10%, you get **145, 220, 212**, and if you desaturate by 10%, it is **189, 220, 216**.

Distribution



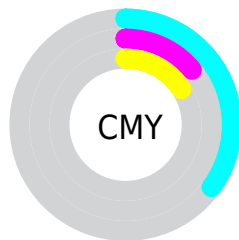
- Red (65%)
- Green (86%)
- Blue (84%)



- Red (65%)
- Yellow (76%)
- Blue (86%)



- Cyan (24%)
- Magenta (0%)
- Yellow (3%)
- Black (14%)



- Cyan (35%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 167, 220, 214 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, 220, 214 by changing the saturation by 10% instead.


 167, 220, 214


255, 255, 255


 223, 255, 255


 252, 255, 255

 167, 220, 214

 140, 192, 186

 114, 165, 159

 88, 138, 133

 63, 113, 108

 37, 88, 84

 8, 65, 61

 0, 42, 39

 0, 23, 18

 0, 0, 0


 167, 220, 214

 167, 220, 214

 145, 220, 212

 189, 220, 216

 123, 220, 209

 211, 220, 219

 101, 220, 207

 233, 220, 221

 79, 220, 204

 255, 220, 224

 57, 220, 202

 255, 220, 226

 35, 220, 199

 255, 220, 229

 13, 220, 197

 255, 220, 231

 0, 220, 195

 255, 220, 234

 255, 220, 236

Harmonies

Analogous

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



180, 219, 196



167, 220, 214



165, 219, 230

Triad

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



167, 220, 214



219, 204, 237



235, 204, 178

Complementary

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



167, 220, 214



220, 167, 173

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.



245, 200, 189



167, 220, 214



237, 199, 223

Square

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



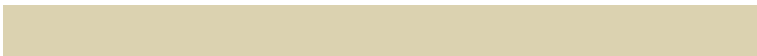
167, 220, 214



197, 210, 244



246, 198, 206



219, 210, 176

Rectangle

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



167, 220, 214



171, 216, 239



246, 198, 206



239, 203, 181

Sweetspot

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



167, 220, 214



237, 255, 253



173, 220, 167



117, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



167, 220, 214



181, 255, 247



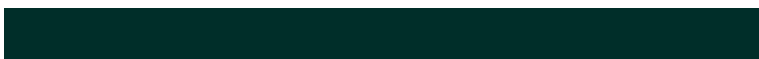
167, 200, 220



99, 110, 108



0, 173, 154



0, 46, 41

Inverse Universe

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



220, 167, 173



255, 181, 189



220, 187, 167



110, 99, 100



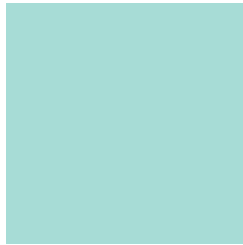
173, 0, 20



46, 0, 5

Previews

White Background



This preview shows how the RGB color 167, 220, 214 looks on a white background.

Color Contrast Check

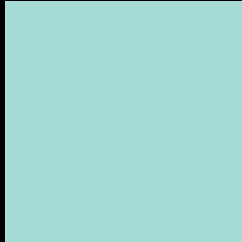
Large Text (above 18pt) WCAG AA × Fail

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, 220, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

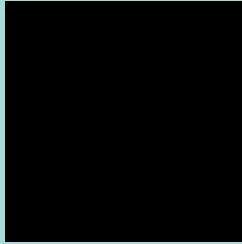
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

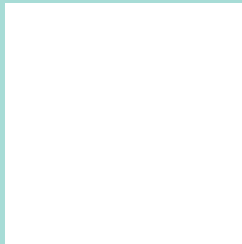
Any Text WCAG AAA ✓ Pass

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

RGB 167, 220, 214 Background



This preview shows how black text looks on a background with the RGB color 167, 220, 214.



This preview shows how white text looks on a background with the RGB color 167, 220, 214.

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





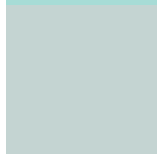
Tritanopia
171, 217, 234

Trichromacy



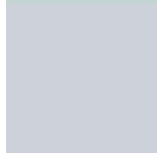
Original Color

167, 220, 214



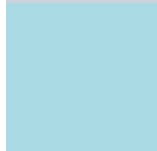
Protanomaly

196, 212, 210



Deuteranomaly

205, 209, 217



Tritanomaly

170, 218, 227

Monochromacy



Original Color

167, 220, 214



Achromatopsia

203, 203, 203



Achromatomaly

190, 209, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 167, 220, 214 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, 220, 214)` looks like.

```
.text, #text, p{  
    color:rgb(167, 220, 214)  
}
```

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, 220, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 220, 214) }
```

Border

The CSS property to change the border of an element to RGB 167, 220, 214 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, 220, 214) }
```

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

```
.border{ border-color:rgb(167, 220, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 220, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 220, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 220, 214); box-shadow:4px 4px 4px 4px rgb(167, 220, 214) }
```

Background

The CSS property to change the background color of an element to RGB 167, 220, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 220, 214) }
```

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

```
.background{ background-color: rgb(167,  
220, 214) }
```

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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