

Converting Colors

RGB(167, 233, 231)

Have a look what the booklet for
RGB(167, 233, 231) contains.

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Color

RGB(167, 233, 231)

Conversions

Conversions Part 1

Format	Color
Hex	A7E9E7
RGB	167, 233, 231
RGB Percent	65%, 91%, 91%
CMY	0.3451, 0.0863, 0.0941
CMYK	0.28, 0.00, 0.01, 0.09
HSL	178°, 60%, 78%
HSV	178°, 28%, 91%
XYZ	59.4991, 72.2628, 86.4135
YIQ	213.0380, -38.6940, -14.6140

Conversions

Conversions Part 2

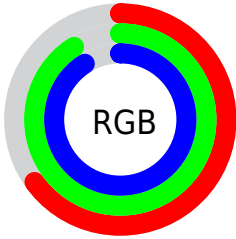
Format	Color
RYB	167, 201, 233
Decimal	11004391
CIELab	88.09, -20.96, -5.70
CIElCh	88, 21.724, 195.200
Yxy	72.2628, 0.2727, 0.3312
Android (android.graphics.Color)	4289194471 (0xFFA7E9E7)
YUV	213.0380, 8.8553, -40.3753
Hunter-Lab	85.0076, -23.8263, -0.7653

Details

The RGB color **167, 233, 231** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **233, 167, 169**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **224, 255, 255**, and **113, 177, 175** is the 20% darker color. If you saturate the color by 10%, you get **144, 233, 230**, and if you desaturate by 10%, it is **190, 233, 232**.

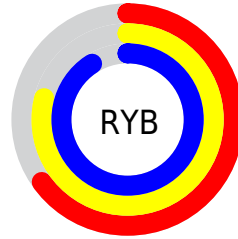
Distribution



Red (65%)

Green (91%)

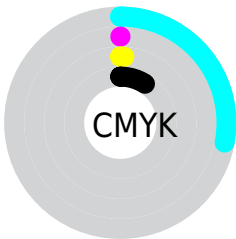
Blue (91%)



Red (65%)

Yellow (79%)

Blue (91%)

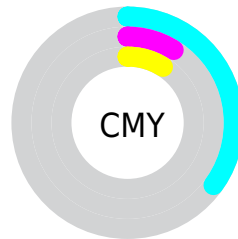


Cyan (28%)

Magenta (0%)

Yellow (1%)

Black (9%)



Cyan (35%)

Magenta (9%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 167, 233, 231 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, 233, 231 by changing the saturation by 10% instead.

 167, 233, 231

255, 255, 255


 224, 255, 255


 253, 255, 255


 167, 233, 231

 139, 205, 203

 113, 177, 175


 86, 150, 149

 59, 124, 123

 31, 99, 98

 0, 75, 74

 0, 52, 52

 0, 32, 31

 0, 0, 6

 167, 233, 231

 167, 233, 231

 144, 233, 230

 190, 233, 232

 120, 233, 230

 214, 233, 232

 97, 233, 229

 237, 233, 233

 74, 233, 228

 255, 233, 234

 51, 233, 227

 255, 233, 235

 27, 233, 227

 255, 233, 235

 4, 233, 226

 255, 233, 236

 0, 233, 226

 255, 233, 237

 255, 233, 237

Harmonies

Analogous

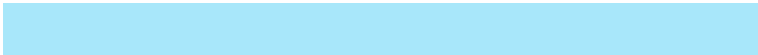
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



181, 232, 210



167, 233, 231



168, 231, 250

Triad

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



167, 233, 231



237, 212, 250



247, 216, 181

Complementary

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



167, 233, 231



233, 167, 169

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, 210, 192



167, 233, 231



255, 208, 232

Square

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



167, 233, 231



211, 219, 255



255, 207, 211



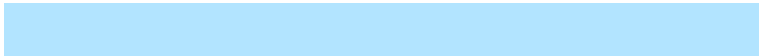
226, 223, 181

Rectangle

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



167, 233, 231



178, 228, 255



255, 207, 211



252, 214, 184

Sweetspot

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



167, 233, 231



235, 255, 254



169, 233, 167



115, 128, 127



0, 0, 0



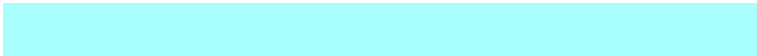
128, 128, 128

Same Dimension

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



167, 233, 231



168, 255, 252



167, 202, 233



106, 117, 117



0, 181, 176



0, 54, 52

Inverse Universe

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



233, 167, 169



255, 168, 171



233, 198, 167



117, 106, 106



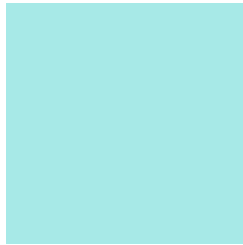
181, 0, 5



54, 0, 2

Previews

White Background



This preview shows how the RGB color 167, 233, 231 looks on a white background.

Color Contrast Check

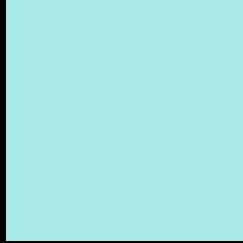
Large Text (above 18pt) WCAG AA × Fail

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, 233, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

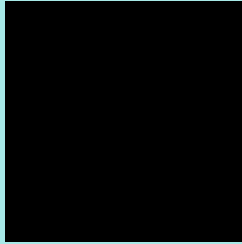
Any Text WCAG AA ✓ Pass

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, 233, 231 Background



This preview shows how black text looks on a background with the RGB color 167, 233, 231.



This preview shows how white text looks on a background with the RGB color 167, 233, 231.

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



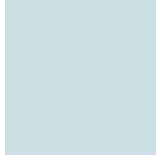


Tritanopia
171, 230, 249

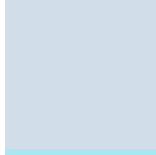
Trichromacy



Original Color
167, 233, 231



Protanomaly
203, 224, 226



Deuteranomaly
210, 221, 234

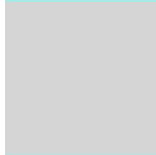


Tritanomaly
170, 231, 242

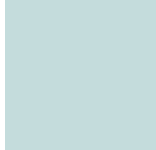
Monochromacy



Original Color
167, 233, 231



Achromatopsia
213, 213, 213



Achromatomaly
196, 220, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 167, 233, 231 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, 233, 231)` looks like.

```
.text, #text, p{  
    color:rgb(167, 233, 231)  
}
```

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, 233, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 233, 231) }
```

Border

The CSS property to change the border of an element to RGB 167, 233, 231 is called "border". The border property can be set on classes, ids or directly on the HTML element.

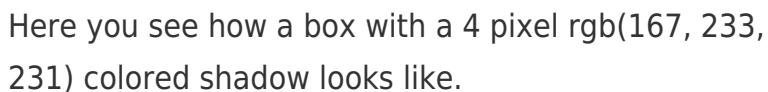
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 233, 231) }
```

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

```
.border{ border-color:rgb(167, 233, 231) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 233, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 233, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 233, 231); box-shadow:4px 4px 4px 4px rgb(167, 233, 231) }
```

Background

The CSS property to change the background color of an element to RGB 167, 233, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 233, 231) }
```

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

```
.background{ background-color: rgb(167,  
233, 231) }
```

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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