

Converting Colors

RGB(169, 237, 237)

Have a look what the booklet for
RGB(169, 237, 237) contains.

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Color

RGB(169, 237, 237)

Conversions

Conversions Part 1

Format	Color
Hex	A9EDED
RGB	169, 237, 237
RGB Percent	66%, 93%, 93%
CMY	0.3373, 0.0706, 0.0706
CMYK	0.29, 0.00, 0.00, 0.07
HSL	180°, 65%, 80%
HSV	180°, 29%, 93%
XYZ	61.9324, 75.1178, 91.3558
YIQ	216.6680, -40.5280, -14.4160

Conversions

Conversions Part 2

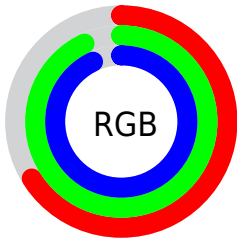
Format	Color
R _{YB}	169, 203, 237
Decimal	11136493
CIE _{Lab}	89.45, -21.04, -6.83
CIE _{LCh}	89, 22.124, 197.976
Yxy	75.1178, 0.2712, 0.3289
Android (android.graphics.Color)	4289326573 (0xFFA9EDED)
YUV	216.6680, 10.0237, -41.8048
Hunter-Lab	86.6705, -24.1221, -1.8257

Details

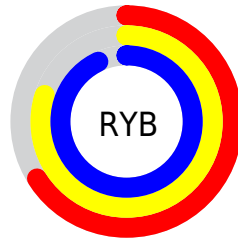
The RGB color **169, 237, 237** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **237, 169, 169**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **226, 255, 255**, and **114, 181, 181** is the 20% darker color. If you saturate the color by 10%, you get **145, 237, 237**, and if you desaturate by 10%, it is **193, 237, 237**.

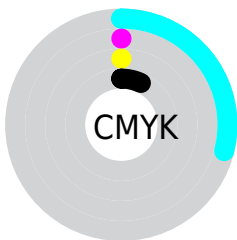
Distribution



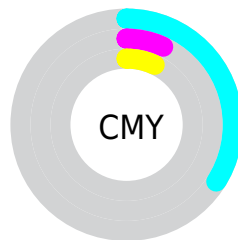
- Red (66%)
- Green (93%)
- Blue (93%)



- Red (66%)
- Yellow (80%)
- Blue (93%)



- Cyan (29%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (34%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 169, 237, 237 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 169, 237, 237 by changing the saturation by 10% instead.


 169, 237, 237


255, 255, 255


 226, 255, 255


 169, 237, 237

 141, 209, 209

 114, 181, 181


 87, 154, 154

 61, 128, 128

 32, 103, 103

 0, 78, 79

 0, 55, 57

 0, 34, 35

 0, 1, 14

 169, 237, 237

 169, 237, 237

 145, 237, 237

 193, 237, 237

 122, 237, 237

 216, 237, 237

 98, 237, 237

 240, 237, 237

 74, 237, 237

 255, 237, 237

 50, 237, 237

 27, 237, 237

 3, 237, 237

 0, 237, 237

Harmonies

Analogous

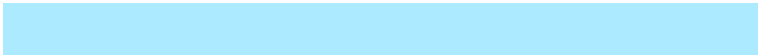
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



182, 237, 215



169, 237, 237



172, 234, 255

Triad

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



169, 237, 237



244, 215, 253



249, 220, 184

Complementary

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



169, 237, 237



237, 169, 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, 214, 194



169, 237, 237



255, 211, 234

Square

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



169, 237, 237



218, 222, 255



255, 210, 213



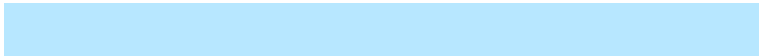
228, 227, 185

Rectangle

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



169, 237, 237



183, 231, 255



255, 210, 213



255, 218, 186

Sweetspot

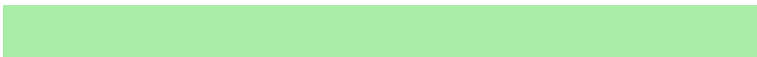
The Sweet Spot groups the original color and five complimentary colors.



169, 237, 237



232, 255, 255



169, 237, 169



113, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



169, 237, 237



168, 255, 255



169, 203, 237



106, 117, 117



0, 181, 181



0, 54, 54

Inverse Universe

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



237, 169, 237



255, 168, 255



237, 203, 169



117, 106, 117



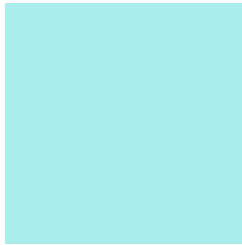
181, 0, 181



54, 0, 54

Previews

White Background



This preview shows how the RGB color 169, 237, 237 looks on a white background.

Color Contrast Check

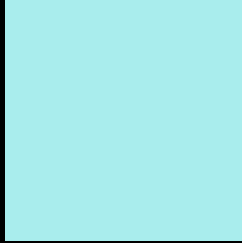
Large Text (above 18pt) WCAG AA × Fail

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 169, 237, 237 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 169, 237, 237 Background



This preview shows how black text looks on a background with the RGB color 169, 237, 237.



This preview shows how white text looks on a background with the RGB color 169, 237, 237.

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



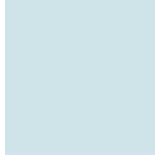


Tritanopia
173, 234, 253

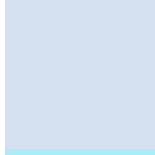
Trichromacy



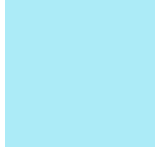
Original Color
169, 237, 237



Protanomaly
206, 228, 232



Deuteranomaly
213, 225, 240

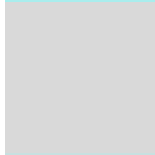


Tritanomaly
172, 235, 247

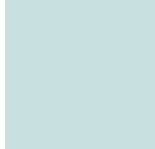
Monochromacy



Original Color
169, 237, 237



Achromatopsia
217, 217, 217



Achromatomaly
200, 224, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 169, 237, 237 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(169, 237, 237)` looks like.

```
.text, #text, p{  
    color:rgb(169, 237, 237)  
}
```

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(169, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 237, 237) }
```

Border

The CSS property to change the border of an element to RGB 169, 237, 237 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(169, 237, 237) }
```

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

```
.border{ border-color:rgb(169, 237, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 237, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(169, 237,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 169, 237, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 237, 237) }
```

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

```
.background{ background-color: rgb(169,  
237, 237) }
```

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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