

Converting Colors

RGB(175, 255, 236)

Have a look what the booklet for
RGB(175, 255, 236) contains.

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Color

RGB(175, 255, 236)

Conversions

Conversions Part 1

Format	Color
Hex	AFF FEC
RGB	175, 255, 236
RGB Percent	69%, 100%, 93%
CMY	0.3137, 0.0000, 0.0745
CMYK	0.31, 0.00, 0.07, 0.00
HSL	166°, 100%, 84%
HSV	166°, 31%, 100%
XYZ	68.5795, 86.6901, 92.4752
YIQ	228.9140, -41.5810, -22.8690

Conversions

Conversions Part 2

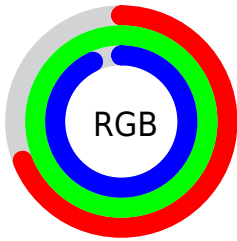
Format	Color
RYB	175, 220, 255
Decimal	11534316
CIELab	94.61, -28.29, 1.30
CIElCh	95, 28.324, 177.372
Yxy	86.6901, 0.2768, 0.3499
Android (android.graphics.Color)	4289724396 (0xFFAFFFEC)
YUV	228.9140, 3.4934, -47.2826
Hunter-Lab	93.1075, -31.4617, 6.2879

Details

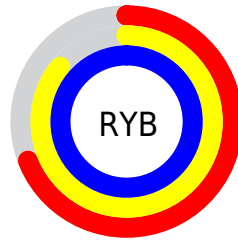
The RGB color **175, 255, 236** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **255, 175, 194**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **232, 255, 255**, and **120, 198, 180** is the 20% darker color. If you saturate the color by 10%, you get **149, 255, 230**, and if you desaturate by 10%, it is **201, 255, 242**.

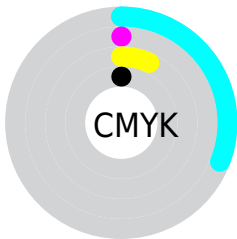
Distribution



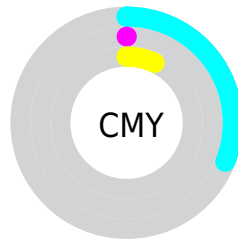
- Red (69%)
- Green (100%)
- Blue (93%)



- Red (69%)
- Yellow (86%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 255, 236 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 175, 255, 236 by changing the saturation by 10% instead.


 175, 255, 236


255, 255, 255


 232, 255, 255


 175, 255, 236

 147, 226, 208

 120, 198, 180

 92, 171, 153

 65, 144, 128

 36, 118, 103

 0, 93, 79

 0, 69, 56

 0, 46, 34

 0, 25, 13

 175, 255, 236

 175, 255, 236

 149, 255, 230

 201, 255, 242

 124, 255, 224

 226, 255, 248

 98, 255, 218

 252, 255, 254

 73, 255, 212

 255, 255, 255

 48, 255, 206

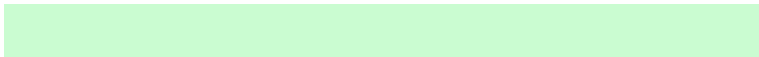
 22, 255, 200

 0, 255, 194

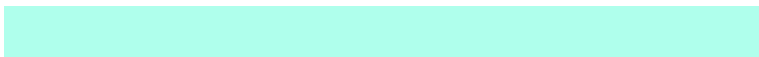
Harmonies

Analogous

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



202, 252, 209



175, 255, 236



162, 254, 255

Triad

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



175, 255, 236



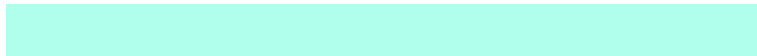
241, 233, 255



255, 228, 194

Complementary

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



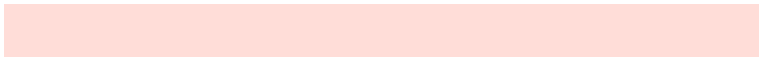
175, 255, 236



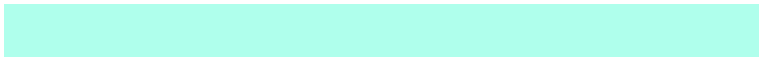
255, 175, 194

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, 221, 216



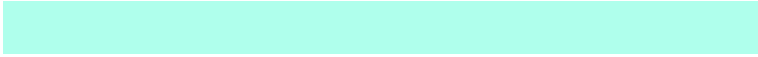
175, 255, 236



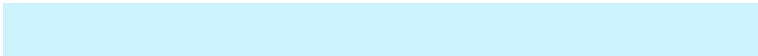
255, 225, 255

Square

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



175, 255, 236



204, 243, 255



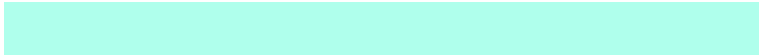
255, 220, 243



255, 237, 185

Rectangle

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



175, 255, 236



167, 252, 255



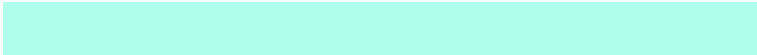
255, 220, 243



255, 225, 200

Sweetspot

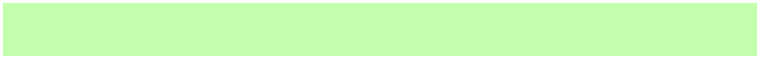
The Sweet Spot groups the original color and five complimentary colors.



175, 255, 236



232, 255, 250



195, 255, 175



113, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

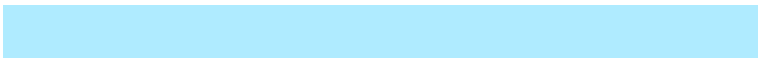
The Same Dimension uses a secret algorithm to generate beautiful new colors.



175, 255, 236



158, 255, 232



175, 235, 255



115, 128, 124



0, 191, 146



0, 64, 49

Inverse Universe

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



255, 175, 194



255, 158, 181



255, 195, 175



128, 115, 118



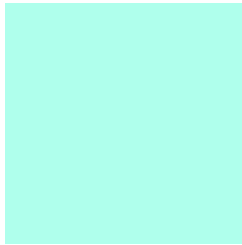
191, 0, 45



64, 0, 15

Previews

White Background



This preview shows how the RGB color 175, 255, 236 looks on a white background.

Color Contrast Check

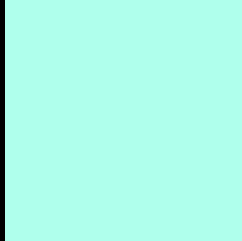
Large Text (above 18pt) WCAG AA × Fail

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 175, 255, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

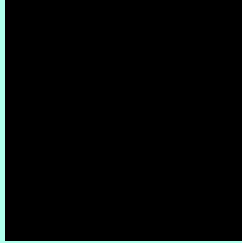
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

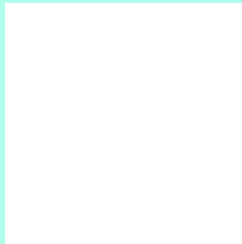
Any Text WCAG AAA ✓ Pass

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

RGB 175, 255, 236 Background



This preview shows how black text looks on a background with the RGB color 175, 255, 236.



This preview shows how white text looks on a background with the RGB color 175, 255, 236.

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

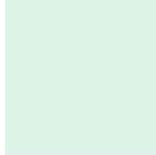
213, 244, 255

Trichromacy



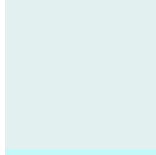
Original Color

175, 255, 236



Protanomaly

220, 244, 230



Deuteranomaly

226, 241, 239



Tritanomaly

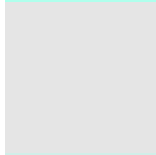
199, 248, 248

Monochromacy



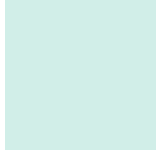
Original Color

175, 255, 236



Achromatopsia

229, 229, 229



Achromatomaly

209, 238, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 255, 236 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(175, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(175, 255, 236)  
}
```

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(175, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 255, 236) }
```

Border

The CSS property to change the border of an element to RGB 175, 255, 236 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(175, 255, 236) }
```

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

```
.border{ border-color:rgb(175, 255, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(175, 255,  
236) }
```

Background

The CSS property to change the background color of an element to RGB 175, 255, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 255, 236) }
```

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

```
.background{ background-color: rgb(175,  
255, 236) }
```

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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