

Converting Colors

RGB(173, 255, 234)

Have a look what the booklet for
RGB(173, 255, 234) contains.

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Color

RGB(173, 255, 234)

Conversions

Conversions Part 1

Format	Color
Hex	ADFFEA
RGB	173, 255, 234
RGB Percent	68%, 100%, 92%
CMY	0.3216, 0.0000, 0.0824
CMYK	0.32, 0.00, 0.08, 0.00
HSL	165°, 100%, 84%
HSV	165°, 32%, 100%
XYZ	67.8449, 86.3447, 90.9323
YIQ	228.0880, -42.1310, -23.9150

Conversions

Conversions Part 2

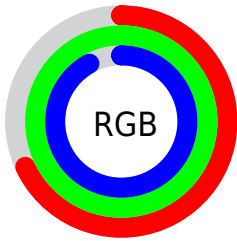
Format	Color
RYB	173, 220, 255
Decimal	11403242
CIELab	94.46, -29.27, 2.10
CIElCh	94, 29.343, 175.887
Yxy	86.3447, 0.2768, 0.3523
Android (android.graphics.Color)	4289593322 (0xFFADFFEA)
YUV	228.0880, 2.9146, -48.3122
Hunter-Lab	92.9219, -32.2854, 7.0248

Details

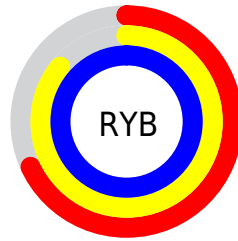
The RGB color **173, 255, 234** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **255, 173, 194**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **230, 255, 255**, and **118, 198, 178** is the 20% darker color. If you saturate the color by 10%, you get **147, 255, 227**, and if you desaturate by 10%, it is **199, 255, 241**.

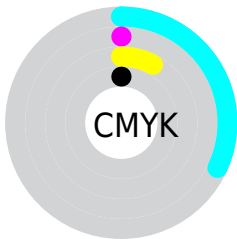
Distribution



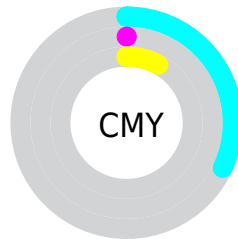
- Red (68%)
- Green (100%)
- Blue (92%)



- Red (68%)
- Yellow (86%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (32%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 173, 255, 234 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 173, 255, 234 by changing the saturation by 10% instead.

 173, 255, 234


255, 255, 255


 230, 255, 255

 173, 255, 234

 145, 226, 206

 118, 198, 178

 90, 170, 152

 63, 144, 126

 33, 118, 101

 0, 93, 77

 0, 69, 54

 0, 46, 33

 0, 24, 10

■ 173, 255, 234

■ 173, 255, 234

■ 147, 255, 227

■ 199, 255, 241

■ 122, 255, 221

■ 224, 255, 247

■ 97, 255, 214

■ 250, 255, 254

■ 71, 255, 208

255, 255, 255

■ 46, 255, 201

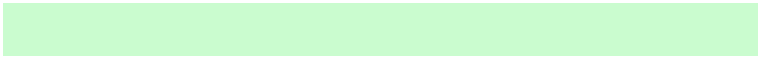
■ 20, 255, 195

■ 0, 255, 190

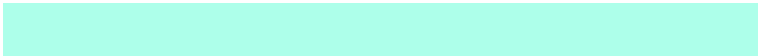
Harmonies

Analogous

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



202, 252, 207



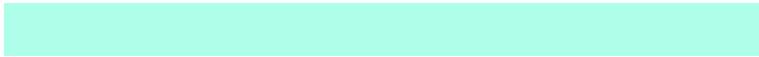
173, 255, 234



158, 255, 255

Triad

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



173, 255, 234



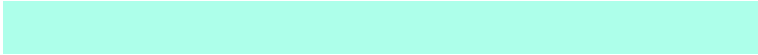
239, 233, 255



255, 227, 193

Complementary

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



173, 255, 234



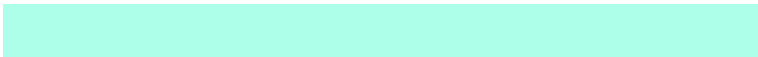
255, 173, 194

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, 220, 216



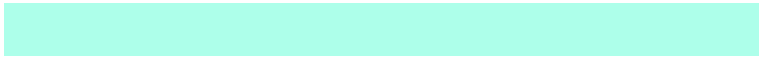
173, 255, 234



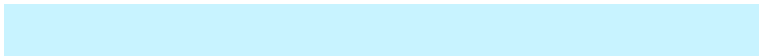
255, 224, 255

Square

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



173, 255, 234



200, 243, 255



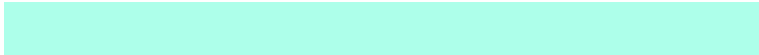
255, 219, 244



255, 236, 183

Rectangle

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



173, 255, 234



162, 252, 255



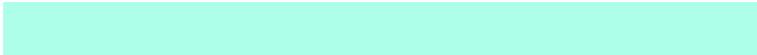
255, 219, 244



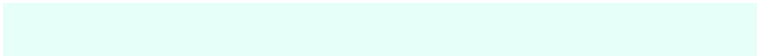
255, 224, 200

Sweetspot

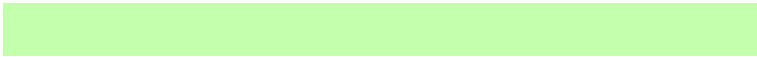
The Sweet Spot groups the original color and five complimentary colors.



173, 255, 234



230, 255, 248



195, 255, 173



112, 128, 124



0, 0, 0



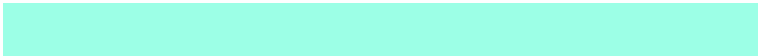
128, 128, 128

Same Dimension

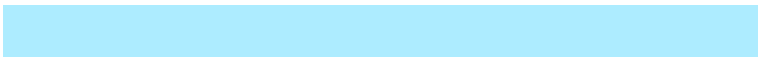
The Same Dimension uses a secret algorithm to generate beautiful new colors.



173, 255, 234



156, 255, 230



173, 236, 255



115, 128, 124



0, 191, 142



0, 64, 47

Inverse Universe

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



255, 173, 194



255, 156, 181



255, 192, 173



128, 115, 118



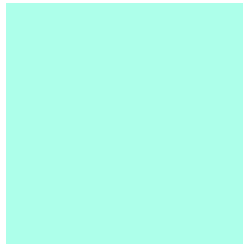
191, 0, 49



64, 0, 16

Previews

White Background



This preview shows how the RGB color 173, 255, 234 looks on a white background.

Color Contrast Check

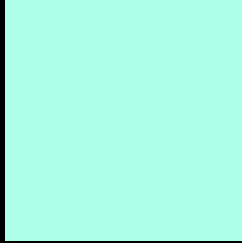
Large Text (above 18pt) WCAG AA × Fail

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 173, 255, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

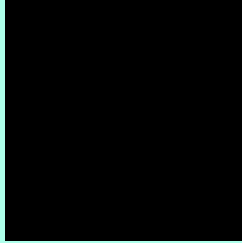
Any Text WCAG AA ✓ Pass

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 173, 255, 234 Background



This preview shows how black text looks on a background with the RGB color 173, 255, 234.

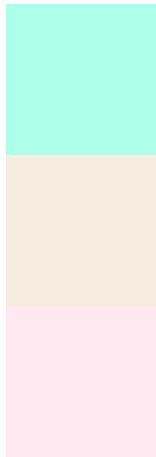


This preview shows how white text looks on a background with the RGB color 173, 255, 234.

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



Original Color
173, 255, 234

Protanopia
246, 237, 224

Deuteranopia
255, 232, 239



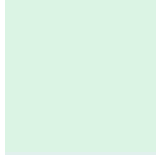
Tritanopia
211, 244, 255

Trichromacy



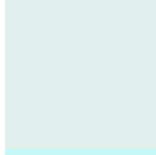
Original Color

173, 255, 234



Protanomaly

219, 244, 228



Deuteranomaly

225, 240, 237



Tritanomaly

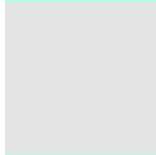
197, 248, 247

Monochromacy



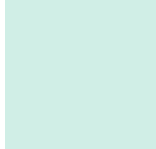
Original Color

173, 255, 234



Achromatopsia

228, 228, 228



Achromatomaly

208, 238, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 173, 255, 234 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(173, 255, 234)` looks like.

```
.text, #text, p{  
    color:rgb(173, 255, 234)  
}
```

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(173, 255, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 255, 234) }
```

Border

The CSS property to change the border of an element to RGB 173, 255, 234 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(173, 255, 234) }
```

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

```
.border{ border-color:rgb(173, 255, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 255, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 255, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 255, 234);  
box-shadow:4px 4px 4px 4px rgb(173, 255,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 173, 255, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 255, 234) }
```

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

```
.background{ background-color: rgb(173,  
255, 234) }
```

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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