

Converting Colors

RGB(147, 244, 219)

Have a look what the booklet for
RGB(147, 244, 219) contains.

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Color

RGB(147, 244, 219)

Conversions

Conversions Part 1

Format	Color
Hex	93F4DB
RGB	147, 244, 219
RGB Percent	58%, 96%, 86%
CMY	0.4235, 0.0431, 0.1412
CMYK	0.40, 0.00, 0.10, 0.04
HSL	165°, 82%, 77%
HSV	165°, 40%, 96%
XYZ	57.1695, 76.0189, 78.6778
YIQ	212.1470, -49.7870, -28.3390

Conversions

Conversions Part 2

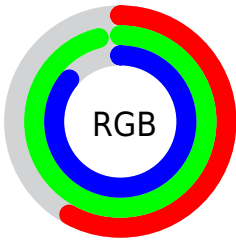
Format	Color
RYB	147, 203, 244
Decimal	9696475
CIELab	89.87, -34.26, 3.06
CIELCh	90, 34.400, 174.896
Yxy	76.0189, 0.2698, 0.3588
Android (android.graphics.Color)	4287886555 (0xFF93F4DB)
YUV	212.1470, 3.3785, -57.1339
Hunter-Lab	87.1888, -35.5384, 7.5298

Details

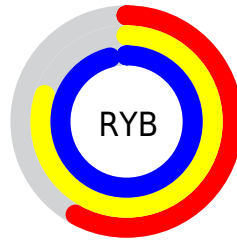
The RGB color **147, 244, 219** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **244, 147, 172**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **204, 255, 255**, and **90, 187, 164** is the 20% darker color. If you saturate the color by 10%, you get **123, 244, 213**, and if you desaturate by 10%, it is **171, 244, 225**.

Distribution



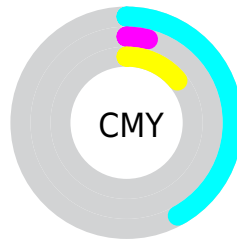
- Red (58%)
- Green (96%)
- Blue (86%)



- Red (58%)
- Yellow (80%)
- Blue (96%)



- Cyan (40%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)



- Cyan (42%)
- Magenta (4%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 147, 244, 219 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 147, 244, 219 by changing the saturation by 10% instead.

 147, 244, 219


255, 255, 255


 204, 255, 255


 234, 255, 255


 147, 244, 219


 119, 215, 191

 90, 187, 164


 61, 160, 138

 26, 133, 112

 0, 108, 88

 0, 83, 65

 0, 59, 43


 0, 38, 22

 0, 0, 0

 147, 244, 219

 147, 244, 219

 123, 244, 213

 171, 244, 225

 98, 244, 206

 196, 244, 232

 74, 244, 200

 220, 244, 238

 49, 244, 194

 245, 244, 244

 25, 244, 188

 255, 244, 250

 1, 244, 181

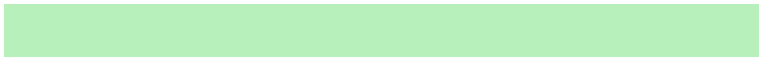
 255, 244, 255

 0, 244, 181

Harmonies

Analogous

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



183, 240, 187



147, 244, 219



125, 244, 252

Triad

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



147, 244, 219



223, 220, 255



255, 211, 173

Complementary

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



147, 244, 219



244, 147, 172

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, 203, 200



147, 244, 219



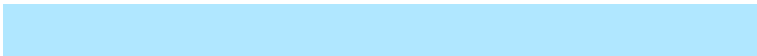
255, 209, 255

Square

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



147, 244, 219



176, 231, 255



255, 202, 233



255, 222, 161

Rectangle

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



147, 244, 219



128, 241, 255



255, 202, 233



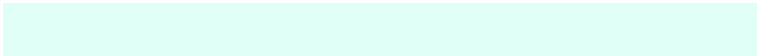
255, 208, 181

Sweetspot

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



147, 244, 219



224, 255, 247



173, 244, 147



110, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



147, 244, 219



133, 255, 223



147, 221, 244



110, 122, 119



0, 186, 138



0, 59, 44

Inverse Universe

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



244, 147, 172



255, 133, 164



244, 170, 147



122, 110, 113



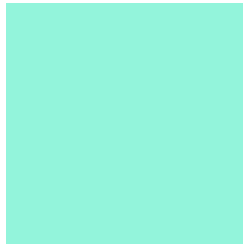
186, 0, 48



59, 0, 15

Previews

White Background



This preview shows how the RGB color 147, 244, 219 looks on a white background.

Color Contrast Check

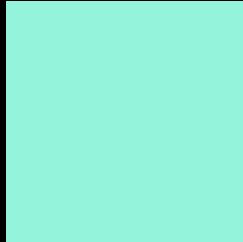
Large Text (above 18pt) WCAG AA × Fail

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 147, 244, 219 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 147, 244, 219 Background



This preview shows how black text looks on a background with the RGB color 147, 244, 219.



This preview shows how white text looks on a background with the RGB color 147, 244, 219.

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





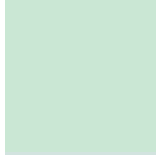
Tritanopia
164, 237, 255

Trichromacy



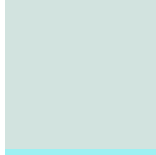
Original Color

147, 244, 219



Protanomaly

202, 231, 212



Deuteranomaly

210, 227, 223



Tritanomaly

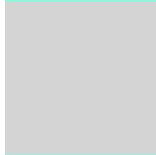
158, 240, 242

Monochromacy



Original Color

147, 244, 219



Achromatopsia

212, 212, 212



Achromatomaly

188, 224, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 244, 219 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(147, 244, 219)` looks like.

```
.text, #text, p{  
    color:rgb(147, 244, 219)  
}
```

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(147, 244, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 244, 219) }
```

Border

The CSS property to change the border of an element to RGB 147, 244, 219 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(147, 244, 219) }
```

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

```
.border{ border-color:rgb(147, 244, 219) }
```

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

Here you see how a box with a 4 pixel rgb(147, 244, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 244, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 244, 219);  
box-shadow:4px 4px 4px 4px rgb(147, 244,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 147, 244, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 244, 219) }
```

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

```
.background{ background-color: rgb(147,  
244, 219) }
```

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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