

Converting Colors

RGB(147, 248, 222)

Have a look what the booklet for
RGB(147, 248, 222) contains.

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Color

RGB(147, 248, 222)

Conversions

Conversions Part 1

Format	Color
Hex	93F8DE
RGB	147, 248, 222
RGB Percent	58%, 97%, 87%
CMY	0.4235, 0.0275, 0.1294
CMYK	0.41, 0.00, 0.10, 0.03
HSL	165°, 88%, 77%
HSV	165°, 41%, 97%
XYZ	58.7848, 78.6118, 81.1825
YIQ	214.8370, -51.8500, -29.4980

Conversions

Conversions Part 2

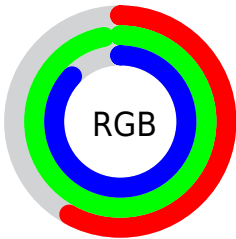
Format	Color
RYB	147, 205, 248
Decimal	9697502
CIELab	91.06, -35.46, 3.23
CIElCh	91, 35.602, 174.798
Yxy	78.6118, 0.2689, 0.3596
Android (android.graphics.Color)	4287887582 (0xFF93F8DE)
YUV	214.8370, 3.5314, -59.4930
Hunter-Lab	88.6633, -36.8131, 7.7767

Details

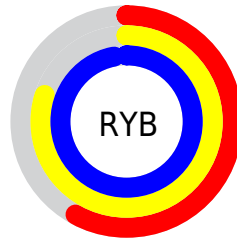
The RGB color **147, 248, 222** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **248, 147, 173**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **205, 255, 255**, and **90, 191, 167** is the 20% darker color. If you saturate the color by 10%, you get **122, 248, 216**, and if you desaturate by 10%, it is **172, 248, 228**.

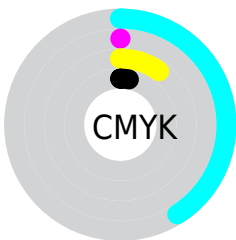
Distribution



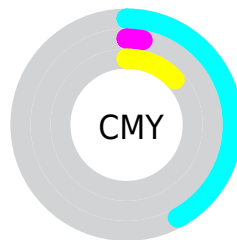
- Red (58%)
- Green (97%)
- Blue (87%)



- Red (58%)
- Yellow (80%)
- Blue (97%)



- Cyan (41%)
- Magenta (0%)
- Yellow (10%)
- Black (3%)



- Cyan (42%)
- Magenta (3%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 147, 248, 222 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, 248, 222 by changing the saturation by 10% instead.

 147, 248, 222


255, 255, 255


 205, 255, 255


 234, 255, 255


 147, 248, 222


 119, 219, 194

 90, 191, 167

 60, 164, 141

 23, 137, 115

 0, 111, 91

 0, 86, 67

 0, 62, 45

 0, 40, 24

 0, 7, 0

 147, 248, 222

 147, 248, 222

 122, 248, 216

 172, 248, 228

 97, 248, 209

 197, 248, 235

 73, 248, 203

 221, 248, 241

 48, 248, 196

 246, 248, 248

 23, 248, 190

 255, 248, 254

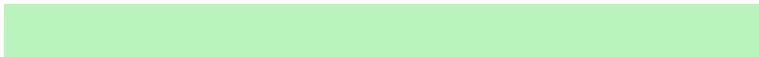
 0, 248, 184

 255, 248, 255

Harmonies

Analogous

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



185, 244, 189



147, 248, 222



124, 248, 255

Triad

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



147, 248, 222



226, 223, 255



255, 214, 175

Complementary

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



147, 248, 222



248, 147, 173

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, 206, 202



147, 248, 222



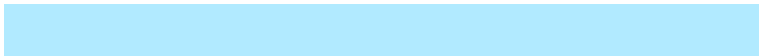
255, 211, 255

Square

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



147, 248, 222



177, 234, 255



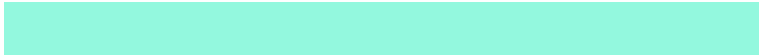
255, 205, 237



255, 225, 162

Rectangle

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



147, 248, 222



127, 245, 255



255, 205, 237



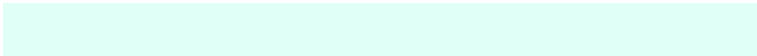
255, 211, 183

Sweetspot

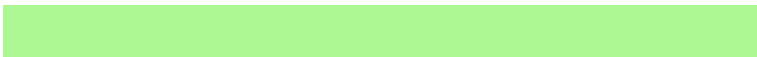
The Sweet Spot groups the original color and five complimentary colors.



147, 248, 222



224, 255, 247



174, 248, 147



110, 128, 123



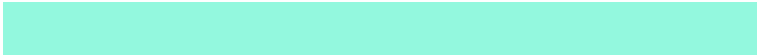
0, 0, 0



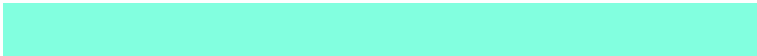
128, 128, 128

Same Dimension

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



147, 248, 222



130, 255, 223



147, 224, 248



112, 125, 122



0, 189, 140



0, 61, 45

Inverse Universe

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



248, 147, 173



255, 130, 162



248, 171, 147



125, 112, 116



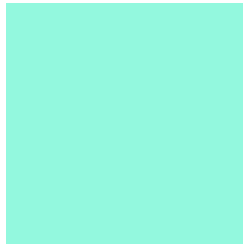
189, 0, 49



61, 0, 16

Previews

White Background



This preview shows how the RGB color 147, 248, 222 looks on a white background.

Color Contrast Check

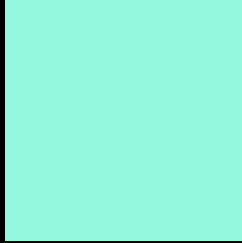
Large Text (above 18pt) WCAG AA × Fail

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, 248, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

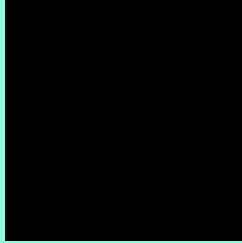
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

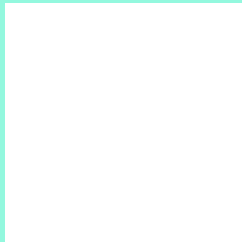
Any Text WCAG AAA ✓ Pass

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

RGB 147, 248, 222 Background



This preview shows how black text looks on a background with the RGB color 147, 248, 222.



This preview shows how white text looks on a background with the RGB color 147, 248, 222.

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





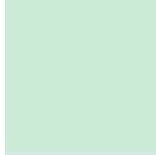
Tritanopia
175, 239, 255

Trichromacy



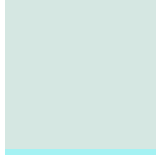
Original Color

147, 248, 222



Protanomaly

204, 235, 215



Deuteranomaly

213, 231, 226



Tritanomaly

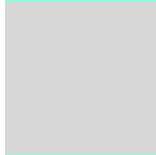
165, 242, 243

Monochromacy



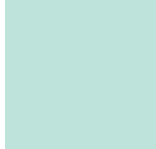
Original Color

147, 248, 222



Achromatopsia

215, 215, 215



Achromatomaly

190, 227, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 248, 222 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, 248, 222)` looks like.

```
.text, #text, p{  
    color:rgb(147, 248, 222)  
}
```

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, 248, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 248, 222) }
```

Border

The CSS property to change the border of an element to RGB 147, 248, 222 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, 248, 222) }
```

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

```
.border{ border-color:rgb(147, 248, 222) }
```

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

Here you see how a box with a 4 pixel rgb(147, 248, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 248, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 248, 222);  
box-shadow:4px 4px 4px 4px rgb(147, 248,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 147, 248, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 248, 222) }
```

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

```
.background{ background-color: rgb(147,  
248, 222) }
```

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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