Converting Colors

RGB(147, 246, 217)

Have a look what the booklet for RGB(147, 246, 217) contains.

Color

RGB(147, 246, 217)

Conversions

Conversions Part 1

Format	Color
Hex	93F6D9
RGB	147, 246, 217
RGB Percent	58%, 96%, 85%
CMY	0.4235, 0.0353, 0.1490
CMYK	0.40, 0.00, 0.12, 0.04
HSL	162°, 85%, 77%
HSV	162°, 40%, 96%
XYZ	57.5128, 77.1243, 77.5009
YIQ	213.0930, -49.6950, -30.0070

Conversions

Conversions Part 2

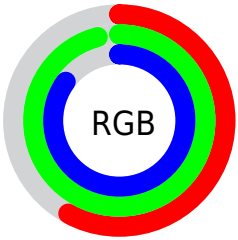
Format	Color
RYB	147, 205, 246
Decimal	9696985
CIELab	90.38, -35.62, 4.84
CIELCh	90, 35.949, 172.262
Yxy	77.1243, 0.2711, 0.3636
Android (android.graphics.Color)	4287887065 (0xFF93F6D9)
YUV	213.0930, 1.9262, -57.9636
Hunter-Lab	87.8205, -36.7879, 9.1514

Details

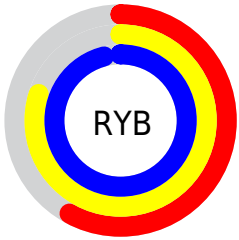
The RGB color 147, 246, 217 is a light color, and the websafe version is hex 99FFCC. A complement of this color would be 246, 147, 176, and the grayscale version is 213, 213, 213.

A 20% lighter version of the original color is 205, 255, 255, and 90, 189, 162 is the 20% darker color. If you saturate the color by 10%, you get 122, 246, 210, and if you desaturate by 10%, it is 172, 246, 224.

Distribution

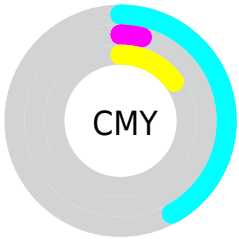


- Red (58%)
- Green (96%)
- Blue (85%)



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

- Cyan (40%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)



- Cyan (42%)
- Magenta (4%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 147, 246, 217 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, 246, 217 by changing the saturation by 10% instead.

147, 246, 217

255, 255, 255

205, 255, 255

234, 255, 255

147, 246, 217

119, 217, 189

90, 189, 162

61, 162, 136

25, 135, 111

0, 109, 86

0, 84, 63

0, 60, 41

0, 39, 21

0, 3, 0

147, 246, 217	147, 246, 217
122, 246, 210	172, 246, 224
98, 246, 203	196, 246, 231
73, 246, 195	221, 246, 239
49, 246, 188	245, 246, 246
24, 246, 181	255, 246, 253
0, 246, 174	255, 246, 255

Harmonies

Analogous

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

186, 242, 184

147, 246, 217

121, 246, 252

Triad

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

147, 246, 217

220, 222, 255

255, 211, 174

Complementary

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

147, 246, 217

246, 147, 176

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, 203

147, 246, 217

255, 210, 255

Square

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

147, 246, 217

170, 233, 255

255, 203, 238

255, 222, 160

Rectangle

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

147, 246, 217

122, 244, 255

255, 203, 238

255, 208, 183

Sweetspot

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

147, 246, 217

224, 255, 246

177, 246, 147

110, 128, 122

0, 0, 0

128, 128, 128

Same Dimension

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

147, 246, 217

133, 255, 219

147, 226, 246

110, 122, 119

0, 186, 132

0, 59, 41

Inverse Universe

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

246, 147, 176

255, 133, 168

246, 167, 147

122, 110, 114

186, 0, 55

59, 0, 17

Previews

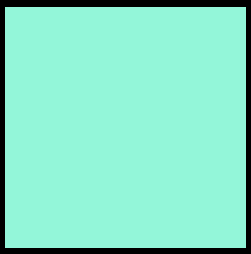
White Background

This preview shows how the RGB color 147, 246, 217 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



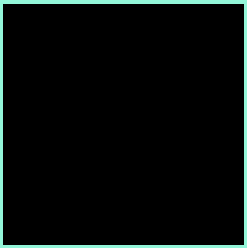
This preview shows how the RGB color 147, 246, 217 looks on a black background.

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, 246, 217 Background



This preview shows how black text looks on a background with the RGB color 147, 246, 217.

This preview shows how white text looks on a background with the RGB color 147, 246, 217.

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
147, 246, 217

Protanopia
235, 225, 206

Deuteranopia
249, 219, 223

Tritanopia
169, 238, 255

Trichromacy

Original Color
147, 246, 217

Protanomaly
203, 233, 210

Deuteranomaly
212, 229, 221

Tritanomaly
161, 241, 241

Monochromacy

Original Color
147, 246, 217

Achromatopsia
213, 213, 213

Achromatomaly
189, 225, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 246, 217 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, 246, 217) looks like.

```
.text, #text, p{
    color:rgb(147, 246, 217)
}
```

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, 246, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 246, 217) }
```

Border

The CSS property to change the border of an element to RGB 147, 246, 217 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, 246, 217) }
```

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

```
.border{ border-color:rgb(147, 246, 217) }
```

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

Here you see how a box with a 4 pixel rgb(147, 246, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 246, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 246, 217); box-shadow:4px 4px 4px 4px rgb(147, 246, 217) }
```

Background

The CSS property to change the background color of an element to RGB 147, 246, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(147, 246, 217) }
```

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

```
.background{ background-color:rgb(147,
246, 217) }
```

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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