

Converting Colors

RGB(147, 222, 197)

Have a look what the booklet for
RGB(147, 222, 197) contains.

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Color

RGB(147, 222, 197)

Conversions

Conversions Part 1

Format	Color
Hex	93DEC5
RGB	147, 222, 197
RGB Percent	58%, 87%, 77%
CMY	0.4235, 0.1294, 0.2275
CMYK	0.34, 0.00, 0.11, 0.13
HSL	160°, 53%, 72%
HSV	160°, 34%, 87%
XYZ	48.2319, 62.4768, 62.3405
YIQ	196.7250, -36.6750, -23.6750

Conversions

Conversions Part 2

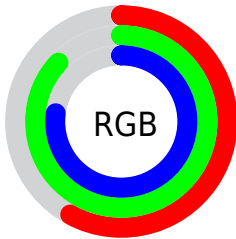
Format	Color
RYB	147, 192, 222
Decimal	9690821
CIELab	83.17, -28.63, 4.90
CIELCh	83, 29.045, 170.282
Yxy	62.4768, 0.2787, 0.3610
Android (android.graphics.Color)	4287880901 (0xFF93DEC5)
YUV	196.7250, 0.1356, -43.6088
Hunter-Lab	79.0423, -29.4025, 8.5677

Details

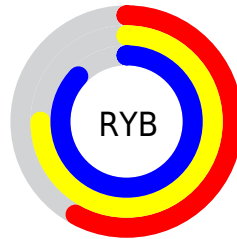
The RGB color **147, 222, 197** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **222, 147, 172**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **203, 255, 254**, and **93, 167, 143** is the 20% darker color. If you saturate the color by 10%, you get **125, 222, 190**, and if you desaturate by 10%, it is **169, 222, 204**.

Distribution



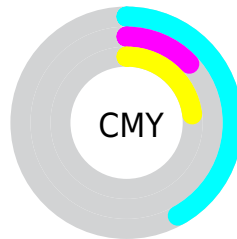
- Red (58%)
- Green (87%)
- Blue (77%)



- Red (58%)
- Yellow (75%)
- Blue (87%)



- Cyan (34%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)



- Cyan (42%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 147, 222, 197 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, 222, 197 by changing the saturation by 10% instead.


 147, 222, 197

255, 255, 255


 203, 255, 254

 232, 255, 255


 147, 222, 197

 120, 194, 170

 93, 167, 143

 66, 140, 118

 38, 114, 93

 0, 89, 69

 0, 65, 47

 0, 43, 26

 0, 19, 0

 0, 0, 0


 147, 222, 197

 147, 222, 197

 125, 222, 190

 169, 222, 204

 103, 222, 182

 191, 222, 212

 80, 222, 175

 214, 222, 219

 58, 222, 167

 236, 222, 227

 36, 222, 160

 255, 222, 234

 14, 222, 153

 255, 222, 241

 0, 222, 148

 255, 222, 249

 255, 222, 255

Harmonies

Analogous

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



177, 218, 172



147, 222, 197



128, 222, 225

Triad

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



147, 222, 197



200, 203, 255



255, 194, 166

Complementary

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



147, 222, 197



222, 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, 188, 189



147, 222, 197



234, 194, 242

Square

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



147, 222, 197



161, 212, 255



255, 188, 217



236, 202, 154

Rectangle

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



147, 222, 197



128, 221, 241



255, 188, 217



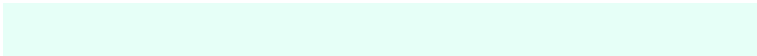
255, 191, 173

Sweetspot

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



147, 222, 197



230, 255, 247



172, 222, 147



112, 128, 122



0, 0, 0



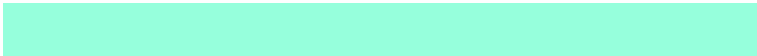
128, 128, 128

Same Dimension

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



147, 222, 197



150, 255, 220



147, 210, 222



101, 112, 108



0, 176, 117



0, 48, 32

Inverse Universe

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



222, 147, 172



255, 150, 185



222, 159, 147



112, 101, 105



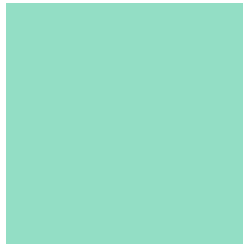
176, 0, 59



48, 0, 16

Previews

White Background



This preview shows how the RGB color 147, 222, 197 looks on a white background.

Color Contrast Check

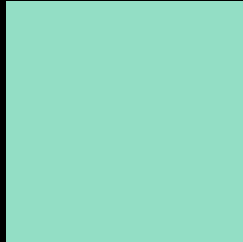
Large Text (above 18pt) WCAG AA × Fail

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, 222, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

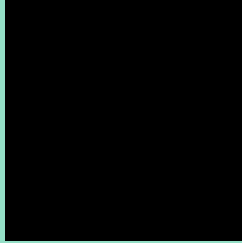
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

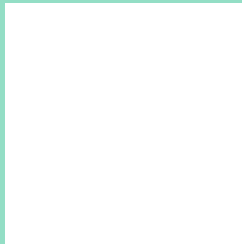
Any Text WCAG AAA ✓ Pass

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

RGB 147, 222, 197 Background



This preview shows how black text looks on a background with the RGB color 147, 222, 197.



This preview shows how white text looks on a background with the RGB color 147, 222, 197.

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
155, 217, 234

Trichromacy



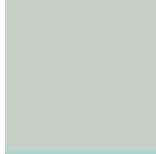
Original Color

147, 222, 197



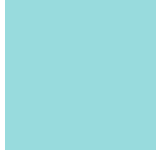
Protanomaly

190, 212, 191



Deuteranomaly

199, 207, 200



Tritanomaly

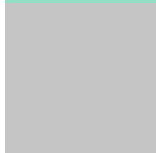
152, 219, 221

Monochromacy



Original Color

147, 222, 197



Achromatopsia

197, 197, 197



Achromatomaly

179, 206, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 222, 197 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, 222, 197)` looks like.

```
.text, #text, p{  
    color:rgb(147, 222, 197)  
}
```

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, 222, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 222, 197) }
```

Border

The CSS property to change the border of an element to RGB 147, 222, 197 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, 222, 197) }
```

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

```
.border{ border-color:rgb(147, 222, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 222, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 222, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 222, 197); box-shadow:4px 4px 4px 4px rgb(147, 222, 197) }
```

Background

The CSS property to change the background color of an element to RGB 147, 222, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 222, 197) }
```

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

```
.background{ background-color: rgb(147,  
222, 197) }
```

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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