

Converting Colors

RGB(147, 214, 216)

Have a look what the booklet for
RGB(147, 214, 216) contains.

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Color

RGB(147, 214, 216)

Conversions

Conversions Part 1

Format	Color
Hex	93D6D8
RGB	147, 214, 216
RGB Percent	58%, 84%, 85%
CMY	0.4235, 0.1608, 0.1529
CMYK	0.32, 0.01, 0.00, 0.15
HSL	182°, 47%, 71%
HSV	182°, 32%, 85%
XYZ	48.4739, 59.2540, 73.8481
YIQ	194.1950, -40.5740, -13.5820

Conversions

Conversions Part 2

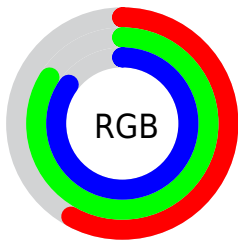
Format	Color
RYB	147, 181, 216
Decimal	9688792
CIELab	81.43, -20.48, -7.74
CIELCh	81, 21.895, 200.691
Yxy	59.2540, 0.2670, 0.3263
Android (android.graphics.Color)	4287878872 (0xFF93D6D8)
YUV	194.1950, 10.7499, -41.3900
Hunter-Lab	76.9767, -22.3038, -2.9966

Details

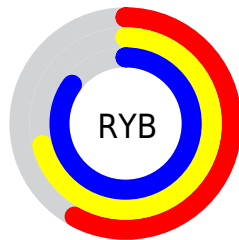
The RGB color **147, 214, 216** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **216, 149, 147**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **203, 255, 255**, and **93, 159, 161** is the 20% darker color. If you saturate the color by 10%, you get **125, 213, 216**, and if you desaturate by 10%, it is **169, 215, 216**.

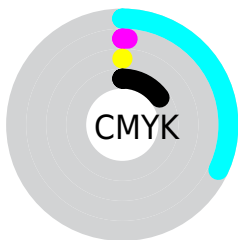
Distribution



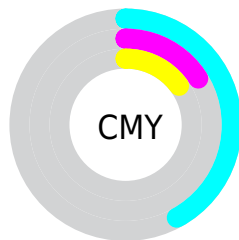
- Red (58%)
- Green (84%)
- Blue (85%)



- Red (58%)
- Yellow (71%)
- Blue (85%)



- Cyan (32%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (42%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 147, 214, 216 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, 214, 216 by changing the saturation by 10% instead.


 147, 214, 216


255, 255, 255


 203, 255, 255

 232, 255, 255


 147, 214, 216


 120, 186, 188


 93, 159, 161


 66, 133, 135

 38, 107, 110

 0, 83, 85

 0, 60, 62

 0, 37, 40

 0, 11, 20

 0, 0, 0

 147, 214, 216

 147, 214, 216

 125, 213, 216

 169, 215, 216

 104, 213, 216

 190, 215, 216

 82, 212, 216

 212, 216, 216

 61, 211, 216

 233, 217, 216

 39, 211, 216

 255, 217, 216

 17, 210, 216

 255, 218, 216

 0, 210, 216

 255, 218, 216

 255, 219, 216

 255, 220, 216

Harmonies

Analogous

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



159, 214, 195



147, 214, 216



151, 211, 233

Triad

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



147, 214, 216



223, 193, 228



224, 199, 162

Complementary

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



147, 214, 216



216, 149, 147

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.



240, 192, 171



147, 214, 216



240, 188, 210

Square

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



147, 214, 216



198, 199, 240



245, 188, 189



203, 205, 164

Rectangle

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



147, 214, 216



163, 208, 240



245, 188, 189



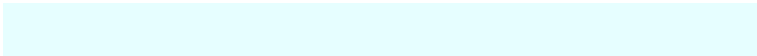
230, 196, 164

Sweetspot

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



147, 214, 216



230, 254, 255



147, 216, 148



112, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



147, 214, 216



158, 252, 255



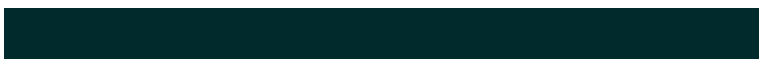
147, 180, 216



96, 107, 107



0, 166, 171



0, 42, 43

Inverse Universe

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



216, 147, 214



255, 158, 252



216, 183, 147



107, 96, 107



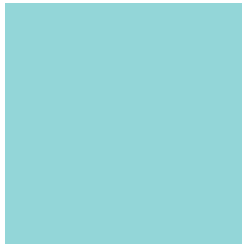
171, 0, 166



43, 0, 42

Previews

White Background



This preview shows how the RGB color 147, 214, 216 looks on a white background.

Color Contrast Check

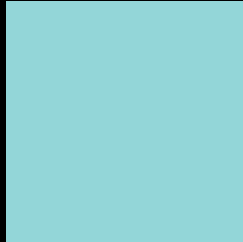
Large Text (above 18pt) WCAG AA × Fail

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, 214, 216 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

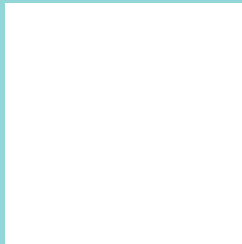
Any Text WCAG AAA ✓ Pass

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

RGB 147, 214, 216 Background



This preview shows how black text looks on a background with the RGB color 147, 214, 216.

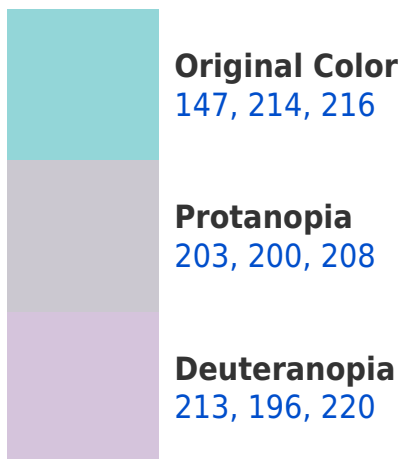


This preview shows how white text looks on a background with the RGB color 147, 214, 216.

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
150, 212, 229

Trichromacy



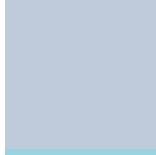
Original Color

147, 214, 216



Protanomaly

183, 205, 211



Deuteranomaly

189, 203, 219



Tritanomaly

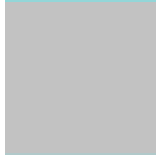
149, 213, 224

Monochromacy



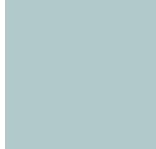
Original Color

147, 214, 216



Achromatopsia

194, 194, 194



Achromatomaly

177, 201, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 214, 216 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, 214, 216)` looks like.

```
.text, #text, p{  
    color:rgb(147, 214, 216)  
}
```

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, 214, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 214, 216) }
```

Border

The CSS property to change the border of an element to RGB 147, 214, 216 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, 214, 216) }
```

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

```
.border{ border-color:rgb(147, 214, 216) }
```

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

Here you see how a box with a 4 pixel rgb(147, 214, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 214, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 214, 216);  
box-shadow:4px 4px 4px 4px rgb(147, 214,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 147, 214, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 214, 216) }
```

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

```
.background{ background-color: rgb(147,  
214, 216) }
```

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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