

Converting Colors

RGB(147, 216, 223)

Have a look what the booklet for
RGB(147, 216, 223) contains.

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Color

RGB(147, 216, 223)

Conversions

Conversions Part 1

Format	Color
Hex	93D8DF
RGB	147, 216, 223
RGB Percent	58%, 85%, 87%
CMY	0.4235, 0.1529, 0.1255
CMYK	0.34, 0.03, 0.00, 0.13
HSL	186°, 54%, 73%
HSV	186°, 34%, 87%
XYZ	49.9078, 60.6425, 78.8868
YIQ	196.1670, -43.3710, -12.4510

Conversions

Conversions Part 2

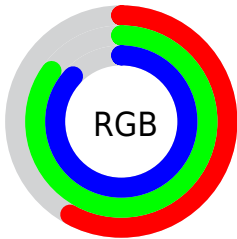
Format	Color
RYB	147, 183, 223
Decimal	9689311
CIELab	82.19, -19.84, -10.34
CIElCh	82, 22.372, 207.538
Yxy	60.6425, 0.2635, 0.3201
Android (android.graphics.Color)	4287879391 (0xFF93D8DF)
YUV	196.1670, 13.2287, -43.1195
Hunter-Lab	77.8733, -21.8804, -5.5503

Details

The RGB color **147, 216, 223** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **223, 154, 147**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **203, 255, 255**, and **92, 161, 168** is the 20% darker color. If you saturate the color by 10%, you get **125, 214, 223**, and if you desaturate by 10%, it is **169, 218, 223**.

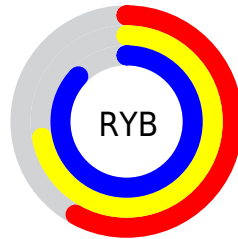
Distribution



Red (58%)

Green (85%)

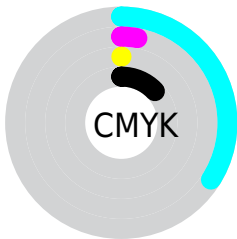
Blue (87%)



Red (58%)

Yellow (72%)

Blue (87%)

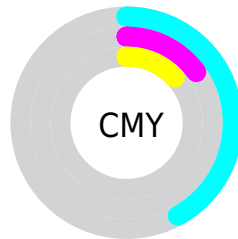


Cyan (34%)

Magenta (3%)

Yellow (0%)

Black (13%)



Cyan (42%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 147, 216, 223 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, 216, 223 by changing the saturation by 10% instead.


 147, 216, 223


255, 255, 255


 203, 255, 255


 232, 255, 255


 147, 216, 223

 120, 188, 195


 92, 161, 168


 65, 135, 141

 36, 109, 116

 0, 85, 91

 0, 61, 68

 0, 39, 46

 0, 15, 25

 0, 0, 0

■ 147, 216, 223

■ 147, 216, 223

■ 125, 214, 223

■ 169, 218, 223

■ 102, 212, 223

■ 192, 220, 223

■ 80, 210, 223

■ 214, 222, 223

■ 58, 208, 223

■ 236, 224, 223

■ 35, 206, 223

■ 255, 226, 223

■ 13, 204, 223

■ 255, 228, 223

■ 0, 202, 223

■ 255, 230, 223

■ 255, 232, 223

■ 255, 234, 223

Harmonies

Analogous

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



156, 216, 202



147, 216, 223



155, 213, 239

Triad

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



147, 216, 223



230, 193, 227



222, 202, 163

Complementary

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



147, 216, 223



223, 154, 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, 196, 170



147, 216, 223



245, 190, 207

Square

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



147, 216, 223



206, 200, 242



248, 191, 186



200, 209, 167

Rectangle

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



147, 216, 223



169, 209, 245



248, 191, 186



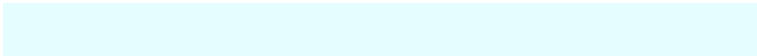
229, 200, 164

Sweetspot

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



147, 216, 223



230, 253, 255



147, 223, 153



112, 126, 128



0, 0, 0



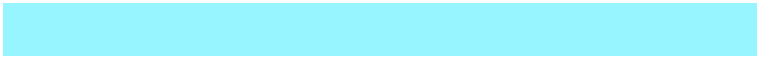
128, 128, 128

Same Dimension

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



147, 216, 223



150, 245, 255



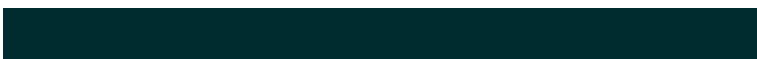
147, 179, 223



101, 111, 112



0, 160, 176



0, 44, 48

Inverse Universe

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



223, 147, 216



255, 150, 245



223, 191, 147



112, 101, 111



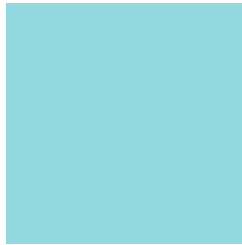
176, 0, 160



48, 0, 44

Previews

White Background



This preview shows how the RGB color 147, 216, 223 looks on a white background.

Color Contrast Check

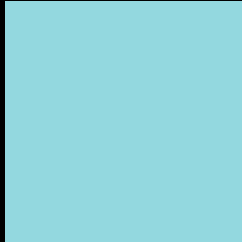
Large Text (above 18pt) WCAG AA × Fail

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, 216, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

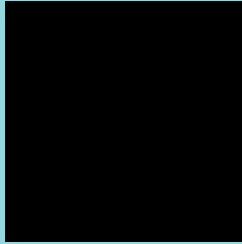
Any Text WCAG AA ✓ Pass

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, 216, 223 Background



This preview shows how black text looks on a background with the RGB color 147, 216, 223.

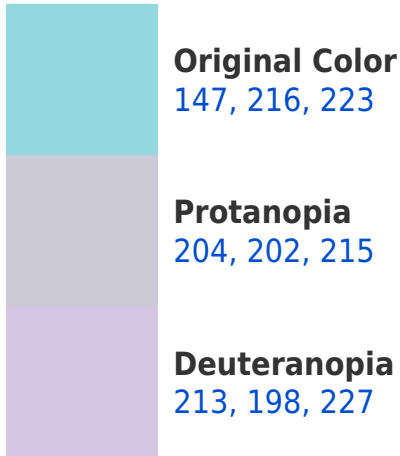


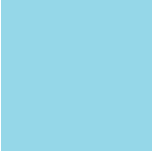
This preview shows how white text looks on a background with the RGB color 147, 216, 223.

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





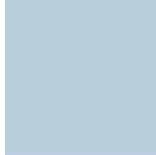
Tritanopia
149, 215, 232

Trichromacy



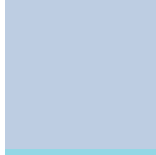
Original Color

147, 216, 223



Protanomaly

183, 207, 218



Deuteranomaly

189, 205, 226



Tritanomaly

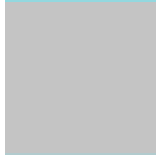
148, 215, 229

Monochromacy



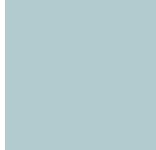
Original Color

147, 216, 223



Achromatopsia

196, 196, 196



Achromatomaly

178, 203, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 216, 223 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, 216, 223)` looks like.

```
.text, #text, p{  
    color:rgb(147, 216, 223)  
}
```

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, 216, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 216, 223) }
```

Border

The CSS property to change the border of an element to RGB 147, 216, 223 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, 216, 223) }
```

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

```
.border{ border-color:rgb(147, 216, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 216, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 216, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 216, 223);  
box-shadow:4px 4px 4px 4px rgb(147, 216,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 147, 216, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 216, 223) }
```

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

```
.background{ background-color: rgb(147,  
216, 223) }
```

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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