

Converting Colors

RGB(147, 199, 208)

Have a look what the booklet for
RGB(147, 199, 208) contains.

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Color

RGB(147, 199, 208)

Conversions

Conversions Part 1

Format	Color
Hex	93C7D0
RGB	147, 199, 208
RGB Percent	58%, 78%, 82%
CMY	0.4235, 0.2196, 0.1843
CMYK	0.29, 0.04, 0.00, 0.18
HSL	189°, 39%, 70%
HSV	189°, 29%, 82%
XYZ	43.8412, 51.6040, 67.3244
YIQ	184.4780, -33.8810, -8.2250

Conversions

Conversions Part 2

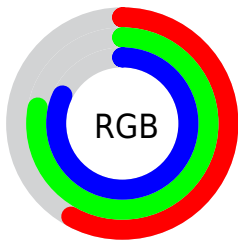
Format	Color
RYB	147, 175, 208
Decimal	9684944
CIELab	77.04, -14.73, -9.97
CIElCh	77, 17.781, 214.091
Yxy	51.6040, 0.2693, 0.3170
Android (android.graphics.Color)	4287875024 (0xFF93C7D0)
YUV	184.4780, 11.5963, -32.8682
Hunter-Lab	71.8359, -16.7749, -5.2813

Details

The RGB color **147, 199, 208** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **208, 156, 147**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **202, 255, 255**, and **94, 145, 154** is the 20% darker color. If you saturate the color by 10%, you get **126, 196, 208**, and if you desaturate by 10%, it is **168, 202, 208**.

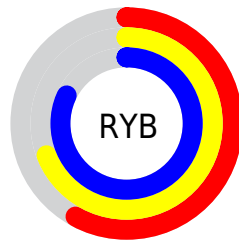
Distribution



Red (58%)

Green (78%)

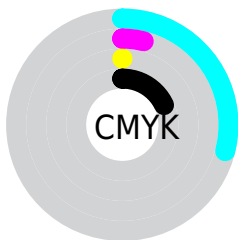
Blue (82%)



Red (58%)

Yellow (69%)

Blue (82%)

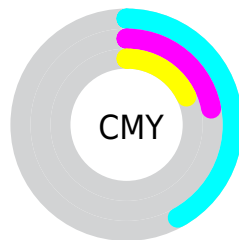


Cyan (29%)

Magenta (4%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 147, 199, 208 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, 199, 208 by changing the saturation by 10% instead.

 147, 199, 208


255, 255, 255


 202, 255, 255

 231, 255, 255

 147, 199, 208

 120, 172, 180

 94, 145, 154

 68, 119, 128

 42, 94, 103

 12, 71, 79

 0, 48, 56

 0, 28, 34

 0, 0, 12

 0, 0, 0

■ 147, 199, 208

■ 147, 199, 208

■ 126, 196, 208

■ 168, 202, 208

■ 105, 193, 208

■ 189, 205, 208

■ 85, 190, 208

■ 209, 208, 208

■ 64, 187, 208

■ 230, 211, 208

■ 43, 184, 208

■ 251, 214, 208

■ 22, 181, 208

■ 255, 217, 208

■ 1, 178, 208

■ 255, 220, 208

■ 0, 177, 208

■ 255, 224, 208

■ 255, 227, 208

Harmonies

Analogous

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



151, 200, 192



147, 199, 208



156, 196, 219

Triad

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



147, 199, 208



214, 181, 205



201, 190, 158

Complementary

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



147, 199, 208



208, 156, 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.



216, 184, 161



147, 199, 208



224, 179, 188

Square

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



147, 199, 208



196, 185, 217



224, 180, 172



183, 195, 163

Rectangle

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



147, 199, 208



168, 193, 223



224, 180, 172



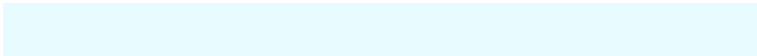
207, 188, 158

Sweetspot

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



147, 199, 208



232, 252, 255



147, 208, 155



113, 125, 128



0, 0, 0



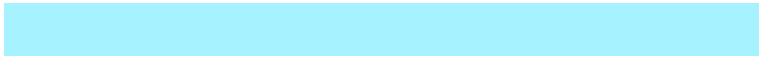
128, 128, 128

Same Dimension

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



147, 199, 208



166, 242, 255



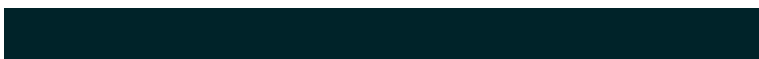
147, 169, 208



94, 103, 105



0, 143, 168



0, 35, 41

Inverse Universe

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



208, 147, 199



255, 166, 242



208, 186, 147



105, 94, 103



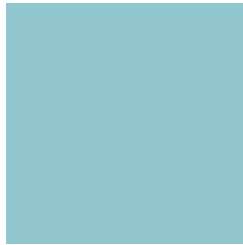
168, 0, 143



41, 0, 35

Previews

White Background



This preview shows how the RGB color 147, 199, 208 looks on a white background.

Color Contrast Check

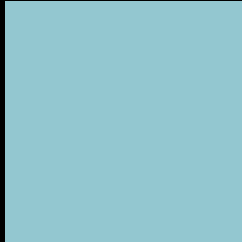
Large Text (above 18pt) WCAG AA × Fail

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, 199, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

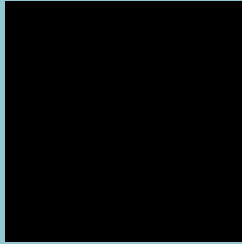
Any Text WCAG AA ✓ Pass

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, 199, 208 Background



This preview shows how black text looks on a background with the RGB color 147, 199, 208.

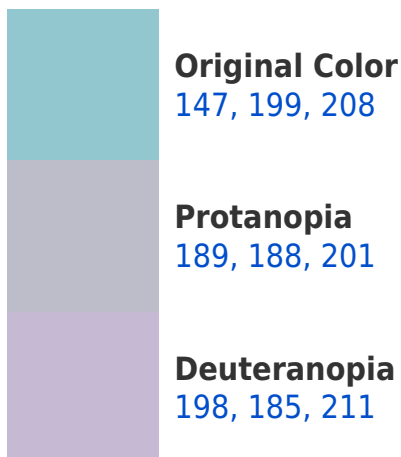


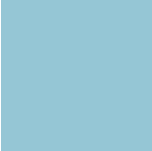
This preview shows how white text looks on a background with the RGB color 147, 199, 208.

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
148, 198, 214

Trichromacy



Original Color

147, 199, 208

Protanomaly

174, 192, 204

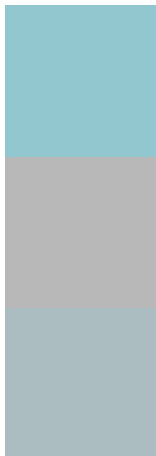
Deuteranomaly

179, 190, 210

Tritanomaly

148, 198, 212

Monochromacy



Original Color

147, 199, 208

Achromatopsia

184, 184, 184

Achromatomaly

171, 189, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 199, 208 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, 199, 208)` looks like.

```
.text, #text, p{  
    color:rgb(147, 199, 208)  
}
```

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, 199, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 199, 208) }
```

Border

The CSS property to change the border of an element to RGB 147, 199, 208 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, 199, 208) }
```

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

```
.border{ border-color:rgb(147, 199, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 199, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 199, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 199, 208);  
box-shadow:4px 4px 4px 4px rgb(147, 199,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 147, 199, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 199, 208) }
```

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

```
.background{ background-color: rgb(147,  
199, 208) }
```

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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