

Converting Colors

RGB(149, 198, 208)

Have a look what the booklet for
RGB(149, 198, 208) contains.

RGB(149, 198, 208)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(149, 198, 208)

Conversions

Conversions Part 1

Format	Color
Hex	95C6D0
RGB	149, 198, 208
RGB Percent	58%, 78%, 82%
CMY	0.4157, 0.2235, 0.1843
CMYK	0.28, 0.05, 0.00, 0.18
HSL	190°, 39%, 70%
HSV	190°, 28%, 82%
XYZ	43.9737, 51.3318, 67.2649
YIQ	184.4890, -32.4140, -7.2780

Conversions

Conversions Part 2

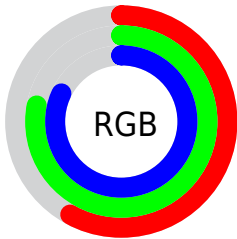
Format	Color
RYB	149, 176, 208
Decimal	9815760
CIELab	76.88, -13.63, -10.20
CIElCh	77, 17.024, 216.805
Yxy	51.3318, 0.2705, 0.3158
Android (android.graphics.Color)	4288005840 (0xFF95C6D0)
YUV	184.4890, 11.5909, -31.1239
Hunter-Lab	71.6462, -15.8245, -5.5119

Details

The RGB color **149, 198, 208** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **208, 159, 149**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **204, 255, 255**, and **96, 144, 154** is the 20% darker color. If you saturate the color by 10%, you get **128, 194, 208**, and if you desaturate by 10%, it is **170, 202, 208**.

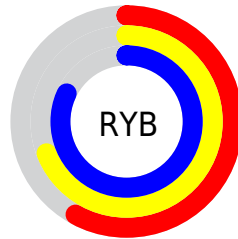
Distribution



Red (58%)

Green (78%)

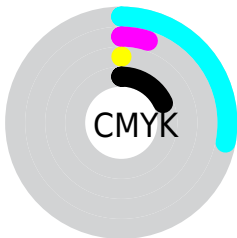
Blue (82%)



Red (58%)

Yellow (69%)

Blue (82%)

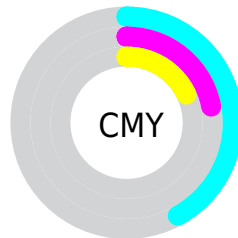


Cyan (28%)

Magenta (5%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 198, 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 149, 198, 208 by changing the saturation by 10% instead.


 149, 198, 208

255, 255, 255


 204, 255, 255

 233, 255, 255

 149, 198, 208

 122, 171, 180

 96, 144, 154

 71, 118, 128

 45, 94, 103

 17, 70, 79

 0, 47, 56

 0, 27, 34

 0, 0, 12

 0, 0, 0

■ 149, 198, 208

■ 149, 198, 208

■ 128, 194, 208

■ 170, 202, 208

■ 107, 191, 208

■ 191, 205, 208

■ 87, 187, 208

■ 211, 209, 208

■ 66, 184, 208

■ 232, 212, 208

■ 45, 180, 208

■ 253, 216, 208

■ 24, 177, 208

■ 255, 219, 208

■ 3, 173, 208

■ 255, 223, 208

■ 0, 173, 208

■ 255, 226, 208

■ 255, 230, 208

Harmonies

Analogous

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



151, 199, 193



149, 198, 208



159, 195, 218

Triad

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



149, 198, 208



214, 180, 202



199, 190, 159

Complementary

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



149, 198, 208



208, 159, 149

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.



213, 185, 161



149, 198, 208



222, 179, 187

Square

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



149, 198, 208



197, 185, 215



222, 181, 172



181, 195, 164

Rectangle

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



149, 198, 208



170, 192, 221



222, 181, 172



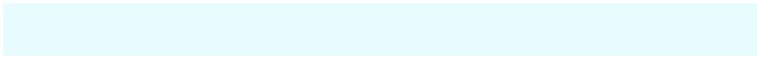
204, 188, 159

Sweetspot

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



149, 198, 208



232, 251, 255



149, 208, 159



113, 125, 128



0, 0, 0



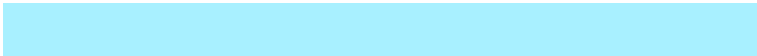
128, 128, 128

Same Dimension

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



149, 198, 208



168, 240, 255



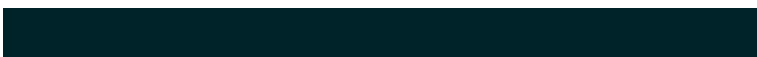
149, 169, 208



94, 103, 105



0, 140, 168



0, 34, 41

Inverse Universe

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



208, 149, 198



255, 168, 240



208, 188, 149



105, 94, 103



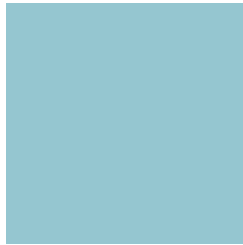
168, 0, 140



41, 0, 34

Previews

White Background



This preview shows how the RGB color 149, 198, 208 looks on a white background.

Color Contrast Check

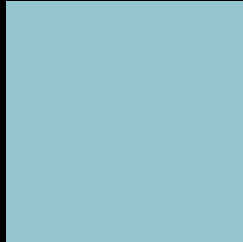
Large Text (above 18pt) WCAG AA × Fail

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 149, 198, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

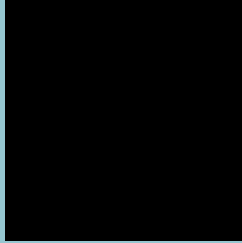
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

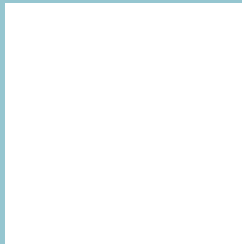
Any Text WCAG AAA ✓ Pass

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

RGB 149, 198, 208 Background



This preview shows how black text looks on a background with the RGB color 149, 198, 208.



This preview shows how white text looks on a background with the RGB color 149, 198, 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
150, 197, 213

Trichromacy



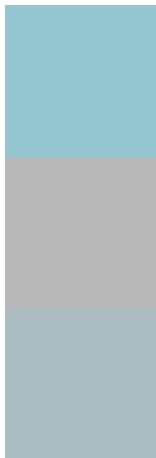
Original Color
149, 198, 208

Protanomaly
174, 192, 204

Deuteranomaly
180, 189, 210

Tritanomaly
150, 197, 211

Monochromacy



Original Color
149, 198, 208

Achromatopsia
184, 184, 184

Achromatomaly
171, 189, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 198, 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(149, 198, 208)` looks like.

```
.text, #text, p{  
    color:rgb(149, 198, 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(149, 198, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 198, 208) }
```

Border

The CSS property to change the border of an element to RGB 149, 198, 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(149, 198, 208) }
```

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

```
.border{ border-color:rgb(149, 198, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 198, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 198, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 198, 208); box-shadow:4px 4px 4px 4px rgb(149, 198, 208) }
```

Background

The CSS property to change the background color of an element to RGB 149, 198, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 198, 208) }
```

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

```
.background{ background-color: rgb(149,  
198, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor