

Converting Colors

RGB(144, 197, 205)

Have a look what the booklet for
RGB(144, 197, 205) contains.

RGB(144, 197, 205)	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(144, 197, 205)

Conversions

Conversions Part 1

Format	Color
Hex	90C5CD
RGB	144, 197, 205
RGB Percent	56%, 77%, 80%
CMY	0.4353, 0.2275, 0.1961
CMYK	0.30, 0.04, 0.00, 0.20
HSL	188°, 38%, 68%
HSV	188°, 30%, 80%
XYZ	42.4873, 50.2696, 65.2213
YIQ	182.0650, -34.1560, -8.7480

Conversions

Conversions Part 2

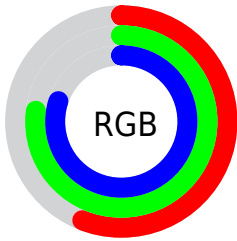
Format	Color
RYB	144, 172, 205
Decimal	9487821
CIELab	76.23, -15.26, -9.57
CIELCh	76, 18.009, 212.093
Yxy	50.2696, 0.2689, 0.3182
Android (android.graphics.Color)	4287677901 (0xFF90C5CD)
YUV	182.0650, 11.3070, -33.3830
Hunter-Lab	70.9010, -17.1111, -4.9097

Details

The RGB color **144, 197, 205** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **205, 152, 144**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **199, 254, 255**, and **91, 143, 151** is the 20% darker color. If you saturate the color by 10%, you get **123, 194, 205**, and if you desaturate by 10%, it is **164, 200, 205**.

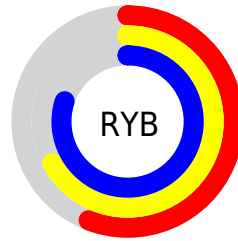
Distribution



Red (56%)

Green (77%)

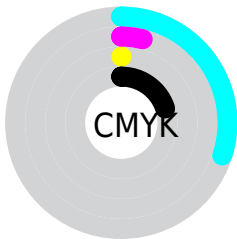
Blue (80%)



Red (56%)

Yellow (67%)

Blue (80%)

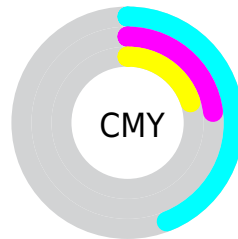


Cyan (30%)

Magenta (4%)

Yellow (0%)

Black (20%)



Cyan (44%)

Magenta (23%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 144, 197, 205 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 144, 197, 205 by changing the saturation by 10% instead.


 144, 197, 205


255, 255, 255


 199, 254, 255

 228, 255, 255

 144, 197, 205

 117, 170, 178

 91, 143, 151

 65, 117, 125

 39, 93, 100


 7, 69, 76

 0, 47, 53

 0, 27, 32

 0, 0, 7

 0, 0, 0

 144, 197, 205


 144, 197, 205

 123, 194, 205


 164, 200, 205

 103, 192, 205


 185, 202, 205

 82, 189, 205


 206, 205, 205

 62, 186, 205

 226, 208, 205

 41, 184, 205

 247, 210, 205

 21, 181, 205

 255, 213, 205

 0, 178, 205

 255, 216, 205

 0, 178, 205

 255, 219, 205

 255, 221, 205

Harmonies

Analogous

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



149, 198, 189



144, 197, 205



152, 194, 217

Triad

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



144, 197, 205



211, 179, 204



200, 187, 155

Complementary

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



144, 197, 205



205, 152, 144

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.



215, 182, 159



144, 197, 205



221, 176, 187

Square

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



144, 197, 205



193, 183, 216



223, 178, 171



181, 192, 160

Rectangle

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



144, 197, 205



164, 191, 221



223, 178, 171



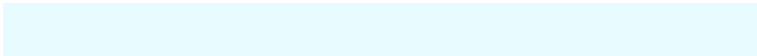
205, 185, 155

Sweetspot

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



144, 197, 205



232, 252, 255



144, 205, 151



113, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



144, 197, 205



163, 243, 255



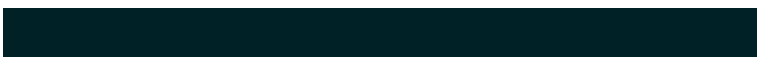
144, 167, 205



92, 101, 102



0, 144, 166



0, 33, 38

Inverse Universe

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



205, 144, 197



255, 163, 243



205, 182, 144



102, 92, 101



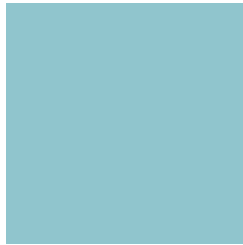
166, 0, 144



38, 0, 33

Previews

White Background



This preview shows how the RGB color 144, 197, 205 looks on a white background.

Color Contrast Check

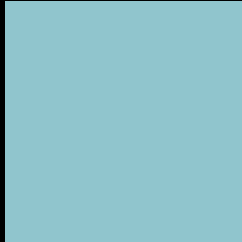
Large Text (above 18pt) WCAG AA × Fail

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 144, 197, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

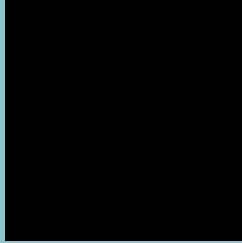
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

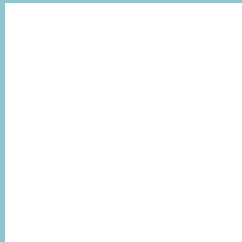
Any Text WCAG AAA ✓ Pass

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

RGB 144, 197, 205 Background



This preview shows how black text looks on a background with the RGB color 144, 197, 205.

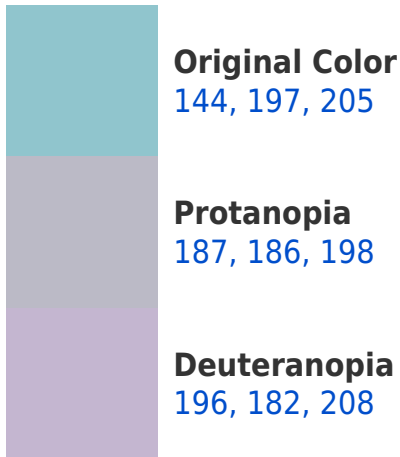


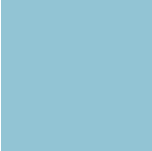
This preview shows how white text looks on a background with the RGB color 144, 197, 205.

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
146, 196, 212

Trichromacy



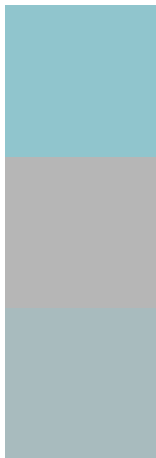
Original Color
144, 197, 205

Protanomaly
171, 190, 201

Deuteranomaly
177, 187, 207

Tritanomaly
145, 196, 209

Monochromacy



Original Color
144, 197, 205

Achromatopsia
182, 182, 182

Achromatomaly
168, 187, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 144, 197, 205 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(144, 197, 205)` looks like.

```
.text, #text, p{  
    color:rgb(144, 197, 205)  
}
```

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(144, 197, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 197, 205) }
```

Border

The CSS property to change the border of an element to RGB 144, 197, 205 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(144, 197, 205) }
```

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

```
.border{ border-color:rgb(144, 197, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 197, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 197, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 197, 205);  
box-shadow:4px 4px 4px 4px rgb(144, 197,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 144, 197, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 197, 205) }
```

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

```
.background{ background-color: rgb(144,  
197, 205) }
```

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