

Converting Colors

RGB(154, 196, 191)

Have a look what the booklet for
RGB(154, 196, 191) contains.

RGB(154, 196, 191)	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(154, 196, 191)

Conversions

Conversions Part 1

Format	Color
Hex	9AC4BF
RGB	154, 196, 191
RGB Percent	60%, 77%, 75%
CMY	0.3961, 0.2314, 0.2510
CMYK	0.21, 0.00, 0.03, 0.23
HSL	173°, 26%, 69%
HSV	173°, 21%, 77%
XYZ	42.4703, 50.1115, 56.7243
YIQ	182.8720, -23.4270, -10.4590

Conversions

Conversions Part 2

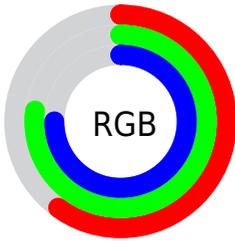
Format	Color
RYB	154, 176, 196
Decimal	10142911
CIELab	76.14, -14.89, -2.07
CIELCh	76, 15.034, 187.916
Yxy	50.1115, 0.2845, 0.3356
Android (android.graphics.Color)	4288332991 (0xFF9AC4BF)
YUV	182.8720, 4.0071, -25.3207
Hunter-Lab	70.7895, -16.7900, 2.0430

Details

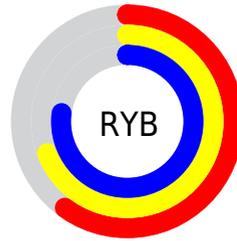
The RGB color **154, 196, 191** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **196, 154, 159**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **209, 253, 247**, and **102, 142, 138** is the 20% darker color. If you saturate the color by 10%, you get **134, 196, 189**, and if you desaturate by 10%, it is **174, 196, 193**.

Distribution



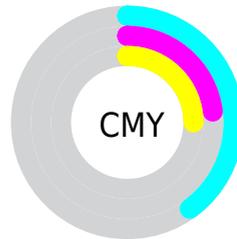
- Red (60%)
- Green (77%)
- Blue (75%)



- Red (60%)
- Yellow (69%)
- Blue (77%)



- Cyan (21%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (40%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 154, 196, 191 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 154, 196, 191 by changing the saturation by 10% instead.

 154, 196, 191

255, 255, 255

 209, 253, 247

 238, 255, 255

 154, 196, 191

 128, 169, 164

 102, 142, 138

 77, 117, 112

 53, 92, 88

 29, 68, 65

 3, 46, 43

 0, 26, 22

 0, 0, 0

 154, 196, 191

 154, 196, 191

 134, 196, 189

 174, 196, 193

 115, 196, 186

 193, 196, 196

 95, 196, 184

 213, 196, 198

 76, 196, 182

 232, 196, 200

 56, 196, 179

 252, 196, 203

 36, 196, 177

 255, 196, 205

 17, 196, 175

 255, 196, 207

 0, 196, 173

 255, 196, 210

 255, 196, 212

Harmonies

Analogous

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



164, 195, 177



154, 196, 191



153, 195, 204

Triad

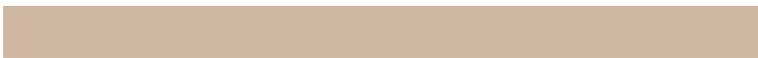
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



154, 196, 191



195, 183, 210



208, 183, 162

Complementary

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



154, 196, 191



196, 154, 159

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, 180, 171



154, 196, 191



209, 179, 198

Square

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



154, 196, 191



177, 188, 215



217, 178, 184



195, 188, 160

Rectangle

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



154, 196, 191



157, 193, 211



217, 178, 184



212, 182, 165

Sweetspot

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



154, 196, 191



240, 255, 253



160, 196, 154



119, 128, 126



0, 0, 0



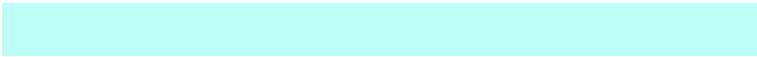
128, 128, 128

Same Dimension

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



154, 196, 191



189, 255, 247



154, 181, 196



87, 97, 96



0, 161, 142



0, 33, 29

Inverse Universe

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



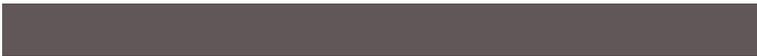
196, 154, 159



255, 189, 197



196, 169, 154



97, 87, 88



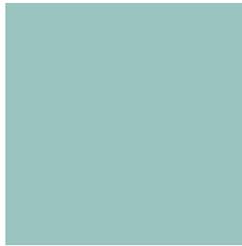
161, 0, 19



33, 0, 4

Previews

White Background



This preview shows how the RGB color 154, 196, 191 looks on a white background.

Color Contrast Check

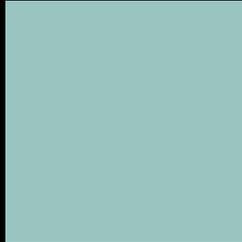
Large Text (above 18pt) WCAG AA × Fail

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 154, 196, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

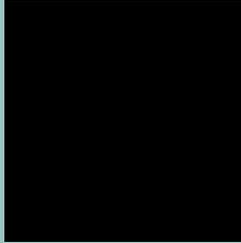
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

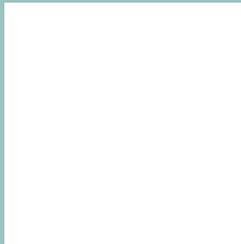
Any Text WCAG AAA ✓ Pass

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

RGB 154, 196, 191 Background



This preview shows how black text looks on a background with the RGB color 154, 196, 191.



This preview shows how white text looks on a background with the RGB color 154, 196, 191.

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



Original Color
154, 196, 191

Protanopia
191, 186, 185

Deuteranopia
202, 182, 194



Tritanopia
158, 193, 209

Trichromacy



Original Color

154, 196, 191

Protanomaly

178, 190, 187

Deuteranomaly

185, 187, 193

Tritanomaly

157, 194, 202

Monochromacy



Original Color

154, 196, 191

Achromatopsia

183, 183, 183

Achromatomaly

172, 188, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 154, 196, 191 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(154, 196, 191)` looks like.

```
.text, #text, p{  
    color:rgb(154, 196, 191)  
}
```

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(154, 196, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 196, 191) }
```

Border

The CSS property to change the border of an element to RGB 154, 196, 191 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(154, 196, 191) }
```

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

```
.border{ border-color:rgb(154, 196, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 196, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 196, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 196, 191);  
box-shadow:4px 4px 4px 4px rgb(154, 196,  
191) }
```

Background

The CSS property to change the background color of an element to RGB 154, 196, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 196, 191) }
```

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

```
.background{ background-color: rgb(154,  
196, 191) }
```

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