

Converting Colors

RGB(154, 218, 201)

Have a look what the booklet for
RGB(154, 218, 201) contains.

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Color

RGB(154, 218, 201)

Conversions

Conversions Part 1

Format	Color
Hex	9ADAC9
RGB	154, 218, 201
RGB Percent	60%, 85%, 79%
CMY	0.3961, 0.1451, 0.2118
CMYK	0.29, 0.00, 0.08, 0.15
HSL	164°, 46%, 73%
HSV	164°, 29%, 85%
XYZ	48.9404, 61.2299, 64.4975
YIQ	196.9260, -32.6870, -18.8550

Conversions

Conversions Part 2

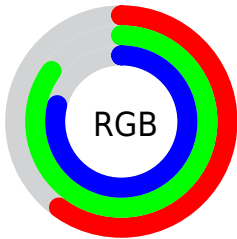
Format	Color
RYB	154, 191, 218
Decimal	10148553
CIELab	82.50, -23.82, 1.86
CIELCh	83, 23.895, 175.525
Yxy	61.2299, 0.2802, 0.3506
Android (android.graphics.Color)	4288338633 (0xFF9ADAC9)
YUV	196.9260, 2.0085, -37.6461
Hunter-Lab	78.2495, -25.2955, 5.9047

Details

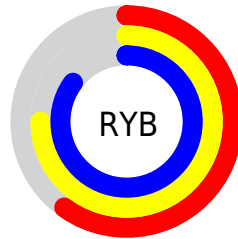
The RGB color **154, 218, 201** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **218, 154, 171**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **210, 255, 255**, and **101, 163, 147** is the 20% darker color. If you saturate the color by 10%, you get **132, 218, 195**, and if you desaturate by 10%, it is **176, 218, 207**.

Distribution



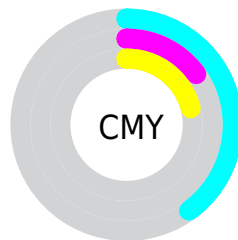
- Red (60%)
- Green (85%)
- Blue (79%)



- Red (60%)
- Yellow (75%)
- Blue (85%)



- Cyan (29%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (40%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RGB color 154, 218, 201 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, 218, 201 by changing the saturation by 10% instead.


 154, 218, 201

 154, 218, 201


255, 255, 255

 127, 190, 174

 210, 255, 255

 101, 163, 147

 239, 255, 255


 75, 136, 121

 49, 111, 97

 20, 86, 73

 0, 63, 50

 0, 40, 29

 0, 16, 4

 0, 0, 0

 154, 218, 201

 154, 218, 201

 132, 218, 195

 176, 218, 207


 110, 218, 189

 198, 218, 213

 89, 218, 184

 219, 218, 218

 67, 218, 178

 241, 218, 224

 45, 218, 172

 255, 218, 230

 23, 218, 166

 255, 218, 236

 1, 218, 160

 255, 218, 242

 0, 218, 160

 255, 218, 247

 255, 218, 253

Harmonies

Analogous

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



176, 215, 179



154, 218, 201



143, 218, 224

Triad

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



154, 218, 201



205, 201, 246



244, 195, 169

Complementary

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



154, 218, 201



218, 154, 171

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.



252, 190, 187



154, 218, 201



231, 194, 231

Square

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



154, 218, 201



175, 208, 250



248, 190, 210



226, 203, 161

Rectangle

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



154, 218, 201



146, 216, 236



248, 190, 210



248, 193, 174

Sweetspot

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



154, 218, 201



232, 255, 249



171, 218, 154



113, 128, 124



0, 0, 0



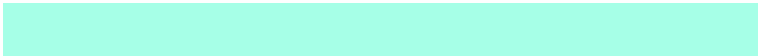
128, 128, 128

Same Dimension

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



154, 218, 201



166, 255, 231



154, 203, 218



99, 110, 107



0, 173, 127



0, 46, 34

Inverse Universe

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



218, 154, 171



255, 166, 189



218, 169, 154



110, 99, 102



173, 0, 46



46, 0, 12

Previews

White Background



This preview shows how the RGB color 154, 218, 201 looks on a white background.

Color Contrast Check

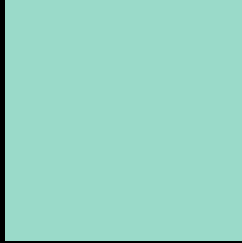
Large Text (above 18pt) WCAG AA × Fail

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, 218, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

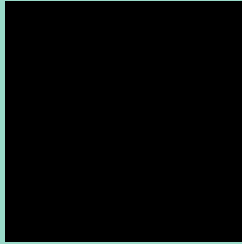
Any Text WCAG AA ✓ Pass

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, 218, 201 Background



This preview shows how black text looks on a background with the RGB color 154, 218, 201.

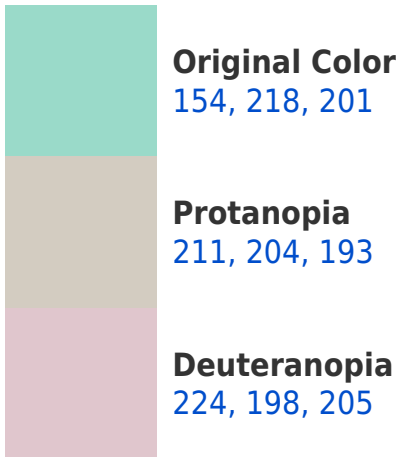


This preview shows how white text looks on a background with the RGB color 154, 218, 201.

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





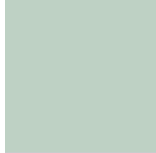
Tritanopia
160, 214, 231

Trichromacy



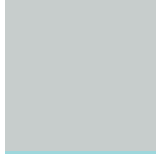
Original Color

154, 218, 201



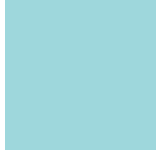
Protanomaly

190, 209, 196



Deuteranomaly

199, 205, 204



Tritanomaly

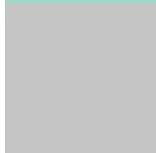
158, 215, 220

Monochromacy



Original Color

154, 218, 201



Achromatopsia

197, 197, 197



Achromatomaly

181, 205, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 154, 218, 201 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, 218, 201)` looks like.

```
.text, #text, p{  
    color:rgb(154, 218, 201)  
}
```

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, 218, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 218, 201) }
```

Border

The CSS property to change the border of an element to RGB 154, 218, 201 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, 218, 201) }
```

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

```
.border{ border-color:rgb(154, 218, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 218, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 218, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 218, 201);  
box-shadow:4px 4px 4px 4px rgb(154, 218,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 154, 218, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 218, 201) }
```

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

```
.background{ background-color: rgb(154,  
218, 201) }
```

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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