

Converting Colors

RGB(154, 208, 223)

Have a look what the booklet for
RGB(154, 208, 223) contains.

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Color

RGB(154, 208, 223)

Conversions

Conversions Part 1

Format	Color
Hex	9AD0DF
RGB	154, 208, 223
RGB Percent	60%, 82%, 87%
CMY	0.3961, 0.1843, 0.1255
CMYK	0.31, 0.07, 0.00, 0.13
HSL	193°, 52%, 74%
HSV	193°, 31%, 87%
XYZ	49.2016, 57.3095, 78.2807
YIQ	193.5640, -36.9990, -6.7830

Conversions

Conversions Part 2

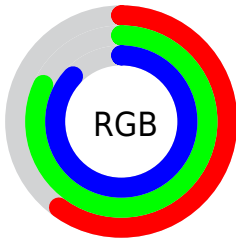
Format	Color
RYB	154, 184, 223
Decimal	10146015
CIELab	80.35, -13.85, -13.04
CIElCh	80, 19.023, 223.281
Yxy	57.3095, 0.2663, 0.3101
Android (android.graphics.Color)	4288336095 (0xFF9AD0DF)
YUV	193.5640, 14.5119, -34.6976
Hunter-Lab	75.7030, -16.4680, -8.3167

Details

The RGB color **154, 208, 223** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **223, 169, 154**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **210, 255, 255**, and **100, 154, 168** is the 20% darker color. If you saturate the color by 10%, you get **132, 203, 223**, and if you desaturate by 10%, it is **176, 213, 223**.

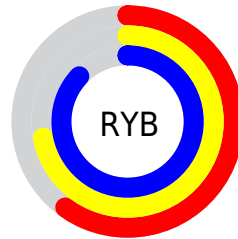
Distribution



Red (60%)

Green (82%)

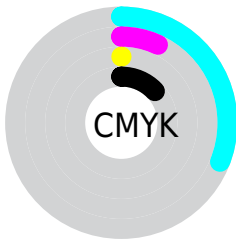
Blue (87%)



Red (60%)

Yellow (72%)

Blue (87%)

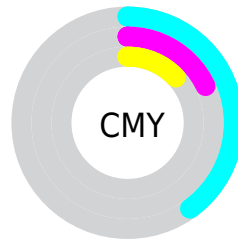


Cyan (31%)

Magenta (7%)

Yellow (0%)

Black (13%)



Cyan (40%)

Magenta (18%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 154, 208, 223 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, 208, 223 by changing the saturation by 10% instead.


 154, 208, 223


255, 255, 255


 210, 255, 255

 239, 255, 255


 154, 208, 223

 127, 180, 195

 100, 154, 168

 74, 128, 141

 48, 102, 116

 18, 78, 91

 0, 55, 68

 0, 34, 46

 0, 4, 25

 0, 0, 0

■ 154, 208, 223

■ 154, 208, 223

■ 132, 203, 223

■ 176, 213, 223

■ 109, 198, 223

■ 199, 218, 223

■ 87, 193, 223

■ 221, 223, 223

■ 65, 189, 223

■ 243, 227, 223

■ 43, 184, 223

■ 255, 232, 223

■ 20, 179, 223

■ 255, 237, 223

■ 0, 175, 223

■ 255, 242, 223

■ 255, 247, 223

■ 255, 252, 223

Harmonies

Analogous

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



154, 210, 207



154, 208, 223



168, 204, 233

Triad

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



154, 208, 223



229, 188, 210



205, 201, 165

Complementary

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



154, 208, 223



223, 169, 154

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.



223, 195, 166



154, 208, 223



237, 187, 192

Square

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



154, 208, 223



212, 192, 225



234, 190, 176



185, 206, 173

Rectangle

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



154, 208, 223



182, 200, 234



234, 190, 176



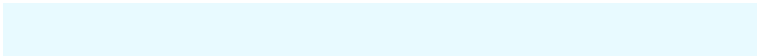
211, 199, 164

Sweetspot

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



154, 208, 223



232, 250, 255



154, 223, 169



113, 124, 128



0, 0, 0



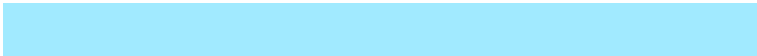
128, 128, 128

Same Dimension

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



154, 208, 223



161, 234, 255



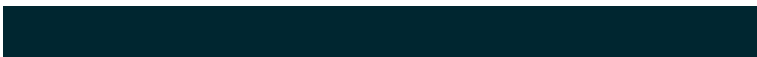
154, 174, 223



101, 110, 112



0, 138, 176



0, 38, 48

Inverse Universe

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



223, 154, 208



255, 161, 234



223, 203, 154



112, 101, 110



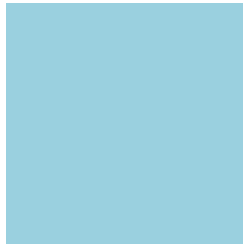
176, 0, 138



48, 0, 38

Previews

White Background



This preview shows how the RGB color 154, 208, 223 looks on a white background.

Color Contrast Check

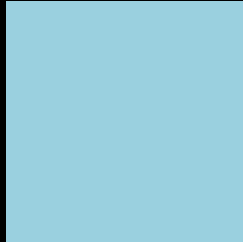
Large Text (above 18pt) WCAG AA × Fail

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, 208, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

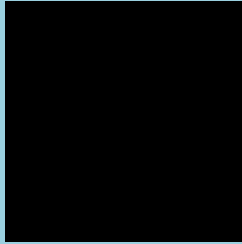
Any Text WCAG AA ✓ Pass

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, 208, 223 Background



This preview shows how black text looks on a background with the RGB color 154, 208, 223.

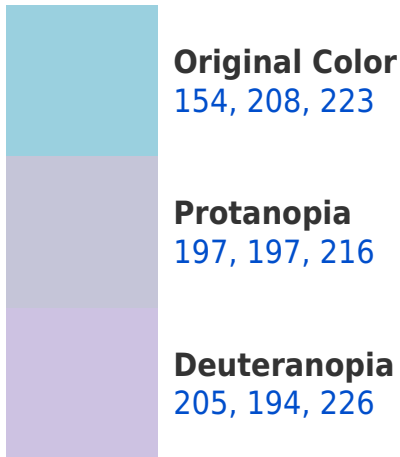


This preview shows how white text looks on a background with the RGB color 154, 208, 223.

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
154, 208, 224

Trichromacy



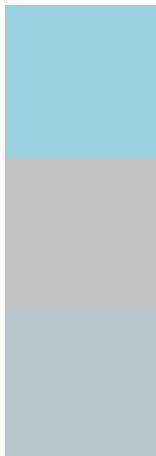
Original Color
154, 208, 223

Protanomaly
181, 201, 219

Deuteranomaly
186, 199, 225

Tritanomaly
154, 208, 224

Monochromacy



Original Color
154, 208, 223

Achromatopsia
194, 194, 194

Achromatomaly
179, 199, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 154, 208, 223 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, 208, 223)` looks like.

```
.text, #text, p{  
    color:rgb(154, 208, 223)  
}
```

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, 208, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 208, 223) }
```

Border

The CSS property to change the border of an element to RGB 154, 208, 223 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, 208, 223) }
```

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

```
.border{ border-color:rgb(154, 208, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 208, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 208, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 208, 223);  
box-shadow:4px 4px 4px 4px rgb(154, 208,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 154, 208, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 208, 223) }
```

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

```
.background{ background-color: rgb(154,  
208, 223) }
```

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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