

Converting Colors

RGB(137, 174, 195)

Have a look what the booklet for
RGB(137, 174, 195) contains.

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Color

RGB(137, 174, 195)

Conversions

Conversions Part 1

Format	Color
Hex	89AEC3
RGB	137, 174, 195
RGB Percent	54%, 68%, 76%
CMY	0.4627, 0.3176, 0.2353
CMYK	0.30, 0.11, 0.00, 0.24
HSL	202°, 33%, 65%
HSV	202°, 30%, 76%
XYZ	35.3029, 39.5306, 57.3993
YIQ	165.3310, -28.7930, -1.3130

Conversions

Conversions Part 2

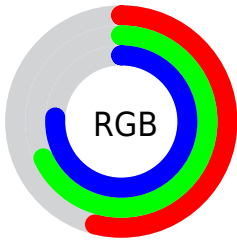
Format	Color
RYB	137, 160, 195
Decimal	9023171
CIELab	69.13, -7.54, -14.78
CIELCh	69, 16.595, 242.965
Yxy	39.5306, 0.2670, 0.2989
Android (android.graphics.Color)	4287213251 (0xFF89AEC3)
YUV	165.3310, 14.6268, -24.8463
Hunter-Lab	62.8734, -9.8020, -10.1165

Details

The RGB color **137, 174, 195** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **195, 158, 137**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **192, 229, 252**, and **85, 122, 141** is the 20% darker color. If you saturate the color by 10%, you get **117, 167, 195**, and if you desaturate by 10%, it is **157, 181, 195**.

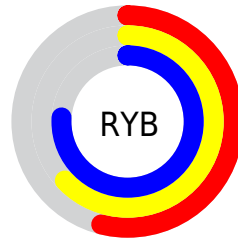
Distribution



Red (54%)

Green (68%)

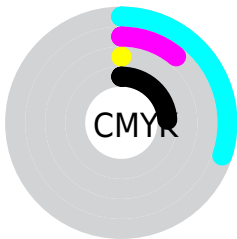
Blue (76%)



Red (54%)

Yellow (63%)

Blue (76%)

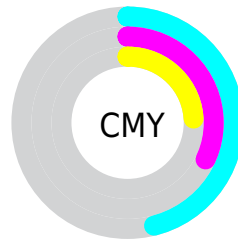


Cyan (30%)

Magenta (11%)

Yellow (0%)

Black (24%)



Cyan (46%)

Magenta (32%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 174, 195 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 137, 174, 195 by changing the saturation by 10% instead.

 137, 174, 195


255, 255, 255


 192, 229, 252


 220, 255, 255

 249, 255, 255

 137, 174, 195


 111, 147, 168

 85, 122, 141

 60, 97, 116


 35, 73, 91


 5, 51, 68

 0, 30, 45

 0, 1, 25

 0, 0, 0

 137, 174, 195

 137, 174, 195

■ 117, 167, 195

■ 157, 181, 195

■ 98, 160, 195

■ 176, 188, 195

■ 79, 153, 195

■ 195, 195, 195

■ 59, 146, 195

■ 215, 202, 195

■ 39, 139, 195

■ 234, 209, 195

■ 20, 132, 195

■ 254, 216, 195

■ 0, 125, 195

■ 255, 223, 195

■ 0, 124, 195

■ 255, 230, 195

■ 255, 238, 195

Harmonies

Analogous

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



129, 177, 184



137, 174, 195



154, 170, 198

Triad

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



137, 174, 195



199, 158, 168



162, 173, 143

Complementary

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



137, 174, 195



195, 158, 137

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.



179, 168, 139



137, 174, 195



200, 160, 153

Square

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



137, 174, 195



190, 160, 183



193, 163, 142



146, 176, 155

Rectangle

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



137, 174, 195



167, 166, 196



193, 163, 142



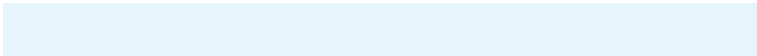
168, 171, 141

Sweetspot

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



137, 174, 195



230, 244, 252



137, 195, 157



113, 122, 128



0, 0, 0



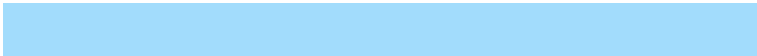
128, 128, 128

Same Dimension

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



137, 174, 195



162, 220, 252



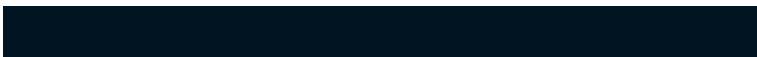
137, 146, 195



87, 93, 97



0, 102, 161



0, 21, 33

Inverse Universe

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



195, 137, 174



252, 162, 220



195, 186, 137



97, 87, 93



161, 0, 102



33, 0, 21

Previews

White Background



This preview shows how the RGB color 137, 174, 195 looks on a white background.

Color Contrast Check

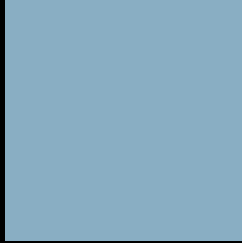
Large Text (above 18pt) WCAG AA × Fail

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 137, 174, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

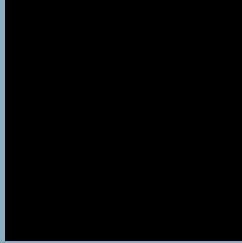
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

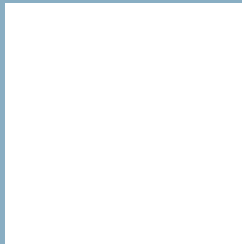
Any Text WCAG AAA ✓ Pass

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

RGB 137, 174, 195 Background



This preview shows how black text looks on a background with the RGB color 137, 174, 195.



This preview shows how white text looks on a background with the RGB color 137, 174, 195.

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
137, 174, 195

Protanopia
165, 167, 190

Deuteranopia
171, 164, 197



Tritanopia
136, 175, 189

Trichromacy



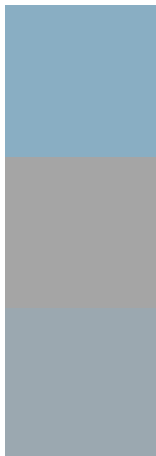
Original Color
137, 174, 195

Protanomaly
155, 170, 192

Deuteranomaly
159, 168, 196

Tritanomaly
136, 175, 191

Monochromacy



Original Color
137, 174, 195

Achromatopsia
165, 165, 165

Achromatomaly
155, 168, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 174, 195 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(137, 174, 195)` looks like.

```
.text, #text, p{  
    color:rgb(137, 174, 195)  
}
```

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(137, 174, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 174, 195) }
```

Border

The CSS property to change the border of an element to RGB 137, 174, 195 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(137, 174, 195) }
```

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

```
.border{ border-color:rgb(137, 174, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 174, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 174, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 174, 195);  
box-shadow:4px 4px 4px 4px rgb(137, 174,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 137, 174, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 174, 195) }
```

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

```
.background{ background-color: rgb(137,  
174, 195) }
```

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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