

Converting Colors

RGB(104, 173, 139)

Have a look what the booklet for
RGB(104, 173, 139) contains.

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Color

RGB(104, 173, 139)

Conversions

Conversions Part 1

Format	Color
Hex	68AD8B
RGB	104, 173, 139
RGB Percent	41%, 68%, 55%
CMY	0.5922, 0.3216, 0.4549
CMYK	0.40, 0.00, 0.20, 0.32
HSL	150°, 30%, 54%
HSV	150°, 40%, 68%
XYZ	25.3127, 34.6943, 29.7886
YIQ	148.4930, -30.2100, -25.2020

Conversions

Conversions Part 2

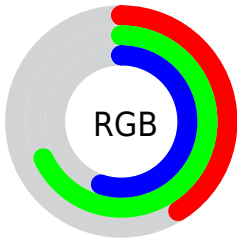
Format	Color
RYB	104, 150, 173
Decimal	6860171
CIELab	65.51, -29.65, 10.70
CIElCh	66, 31.518, 160.157
Yxy	34.6943, 0.2819, 0.3864
Android (android.graphics.Color)	4285050251 (0xFF68AD8B)
YUV	148.4930, -4.6800, -39.0204
Hunter-Lab	58.9018, -26.3690, 11.2463

Details

The RGB color **104, 173, 139** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **173, 104, 138**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **158, 229, 193**, and **52, 120, 89** is the 20% darker color. If you saturate the color by 10%, you get **87, 173, 130**, and if you desaturate by 10%, it is **121, 173, 148**.

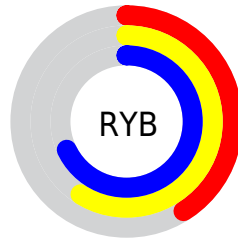
Distribution



Red (41%)

Green (68%)

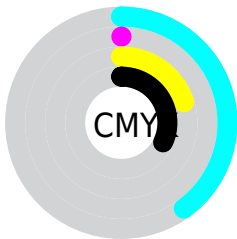
Blue (55%)



Red (41%)

Yellow (59%)

Blue (68%)

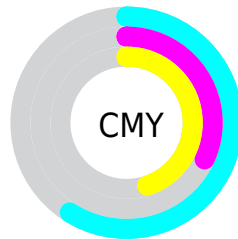


Cyan (40%)

Magenta (0%)

Yellow (20%)

Black (32%)



Cyan (59%)


Magenta (32%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 173, 139 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 104, 173, 139 by changing the saturation by 10% instead.

 104, 173, 139

255, 255, 255


 158, 229, 193

 186, 255, 220

 214, 255, 249

 243, 255, 255

 104, 173, 139


 78, 146, 114

 52, 120, 89

 23, 95, 66


 0, 71, 43


 0, 48, 23

 0, 28, 0


 0, 0, 0

 104, 173, 139


 87, 173, 130


 104, 173, 139


 121, 173, 148


 69, 173, 122

 139, 173, 156


 52, 173, 113


 156, 173, 165


 35, 173, 105


 173, 173, 173

 18, 173, 96


 191, 173, 182

 0, 173, 88

 208, 173, 190

 0, 173, 88

 225, 173, 199

 242, 173, 207

 255, 173, 216

Harmonies

Analogous

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



138, 168, 115



104, 173, 139



72, 175, 168

Triad

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



104, 173, 139



135, 159, 214



211, 142, 124

Complementary

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



104, 173, 139



173, 104, 138

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, 138, 150



104, 173, 139



175, 148, 202

Square

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



104, 173, 139



92, 167, 212



203, 140, 179



195, 151, 106

Rectangle

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



104, 173, 139



61, 174, 186



203, 140, 179



214, 140, 132

Sweetspot

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



104, 173, 139



197, 224, 211



139, 173, 104



96, 112, 104



240, 240, 240



112, 112, 112

Same Dimension

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



104, 173, 139



117, 224, 171



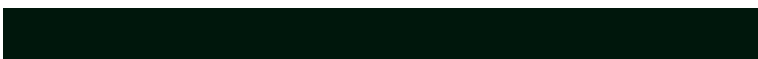
104, 173, 173



78, 87, 82



0, 150, 76



0, 23, 12

Inverse Universe

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



173, 104, 138



224, 117, 170



173, 104, 104



87, 78, 82



150, 0, 74



23, 0, 11

Previews

White Background



This preview shows how the RGB color 104, 173, 139 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 104, 173, 139 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 104, 173, 139 Background



This preview shows how black text looks on a background with the RGB color 104, 173, 139.

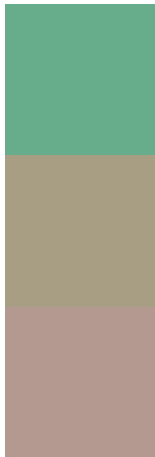


This preview shows how white text looks on a background with the RGB color 104, 173, 139.

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
104, 173, 139

Protanopia
167, 158, 132

Deuteranopia
179, 153, 143



Tritanopia
114, 167, 181

Trichromacy



Original Color
104, 173, 139

Protanomaly
144, 163, 135

Deuteranomaly
152, 160, 142

Tritanomaly
110, 169, 166

Monochromacy



Original Color
104, 173, 139

Achromatopsia
148, 148, 148

Achromatomaly
132, 157, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 173, 139 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(104, 173, 139)` looks like.

```
.text, #text, p{  
    color:rgb(104, 173, 139)  
}
```

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(104, 173, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 173, 139) }
```

Border

The CSS property to change the border of an element to RGB 104, 173, 139 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(104, 173, 139) }
```

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

```
.border{ border-color:rgb(104, 173, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 173, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 173, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 173, 139);  
box-shadow:4px 4px 4px 4px rgb(104, 173,  
139) }
```

Background

The CSS property to change the background color of an element to RGB 104, 173, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 173, 139) }
```

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

```
.background{ background-color: rgb(104,  
173, 139) }
```

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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