

Converting Colors

RGB(74, 196, 201)

Have a look what the booklet for
RGB(74, 196, 201) contains.

RGB(74, 196, 201)	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(74, 196, 201)

Conversions

Conversions Part 1

Format	Color
Hex	4AC4C9
RGB	74, 196, 201
RGB Percent	29%, 77%, 79%
CMY	0.7098, 0.2314, 0.2118
CMYK	0.63, 0.02, 0.00, 0.21
HSL	182°, 54%, 54%
HSV	182°, 63%, 79%
XYZ	33.1066, 45.1527, 62.2288
YIQ	160.0920, -74.3170, -24.3090

Conversions

Conversions Part 2

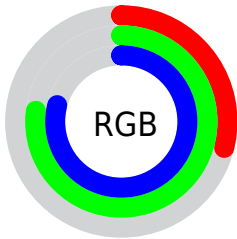
Format	Color
RYB	74, 136, 201
Decimal	4900041
CIELab	72.99, -31.79, -12.54
CIElCh	73, 34.172, 201.527
Yxy	45.1527, 0.2357, 0.3214
Android (android.graphics.Color)	4283090121 (0xFF4AC4C9)
YUV	160.0920, 20.1676, -75.5027
Hunter-Lab	67.1958, -29.6478, -7.8703

Details

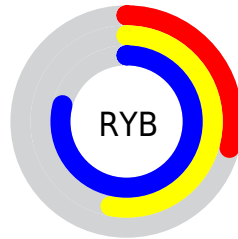
The RGB color **74, 196, 201** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **201, 79, 74**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **137, 253, 255**, and **0, 142, 147** is the 20% darker color. If you saturate the color by 10%, you get **54, 195, 201**, and if you desaturate by 10%, it is **94, 197, 201**.

Distribution



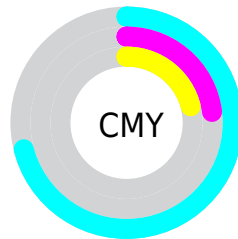
- Red (29%)
- Green (77%)
- Blue (79%)



- Red (29%)
- Yellow (53%)
- Blue (79%)



- Cyan (63%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



















- Cyan (71%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 74, 196, 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 74, 196, 201 by changing the saturation by 10% instead.

 74, 196, 201	 74, 196, 201
 255, 255, 255	 34, 169, 174
 137, 253, 255	 0, 142, 147
 167, 255, 255	 0, 116, 121
 197, 255, 255	 0, 91, 97
 227, 255, 255	 0, 67, 73
	 0, 44, 50
	 0, 19, 30
	 0, 0, 1
	 0, 0, 0

■ 74, 196, 201

■ 74, 196, 201

■ 54, 195, 201

■ 94, 197, 201

■ 34, 194, 201

■ 114, 198, 201

■ 14, 194, 201

■ 134, 198, 201

■ 0, 193, 201

■ 154, 199, 201

■ 175, 200, 201

■ 195, 201, 201

■ 215, 202, 201

■ 235, 202, 201

■ 255, 203, 201

Harmonies

Analogous

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



104, 196, 169



74, 196, 201



80, 192, 227

Triad

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



74, 196, 201



210, 163, 218



209, 174, 117

Complementary

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



74, 196, 201



201, 79, 74

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.



231, 164, 131



74, 196, 201



235, 156, 189

Square

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



74, 196, 201



171, 174, 237



241, 156, 158



178, 184, 120

Rectangle

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



74, 196, 201



107, 188, 238



241, 156, 158



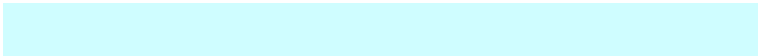
218, 171, 120

Sweetspot

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



74, 196, 201



207, 253, 255



74, 201, 78



98, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



74, 196, 201



61, 247, 255



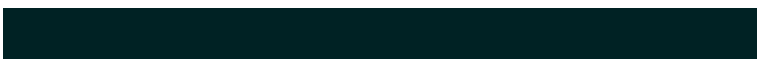
74, 133, 201



90, 99, 99



0, 157, 163



0, 34, 36

Inverse Universe

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



201, 74, 196



255, 61, 247



201, 142, 74



99, 90, 99



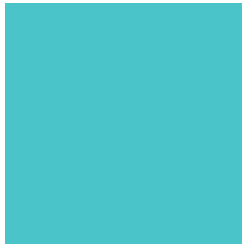
163, 0, 157



36, 0, 34

Previews

White Background



This preview shows how the RGB color 74, 196, 201 looks on a white background.

Color Contrast Check

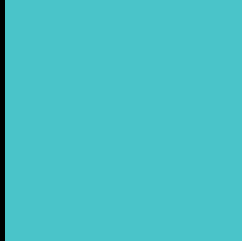
Large Text (above 18pt) WCAG AA × Fail

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 74, 196, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

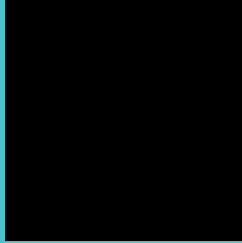
Any Text WCAG AA ✓ Pass

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 74, 196, 201 Background



This preview shows how black text looks on a background with the RGB color 74, 196, 201.

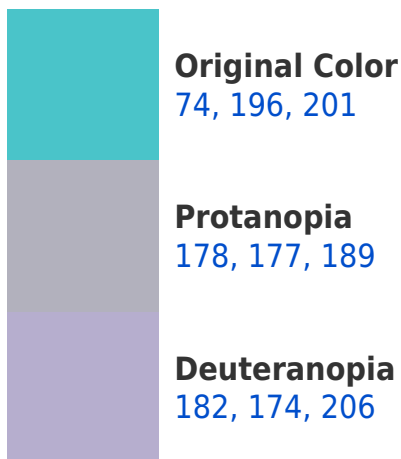


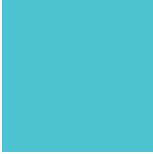
This preview shows how white text looks on a background with the RGB color 74, 196, 201.

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
78, 195, 210

Trichromacy



Original Color

74, 196, 201



Protanomaly

140, 184, 193



Deuteranomaly

143, 182, 204



Tritanomaly

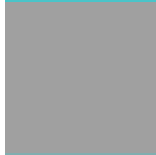
77, 195, 207

Monochromacy



Original Color

74, 196, 201



Achromatopsia

160, 160, 160



Achromatomaly

129, 173, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 74, 196, 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(74, 196, 201)` looks like.

```
.text, #text, p{  
    color:rgb(74, 196, 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(74, 196, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 196, 201) }
```

Border

The CSS property to change the border of an element to RGB 74, 196, 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(74, 196, 201) }
```

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

```
.border{ border-color:rgb(74, 196, 201) }
```

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

Here you see how a box with a 4 pixel rgb(74, 196, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 196, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 196, 201);  
box-shadow:4px 4px 4px 4px rgb(74, 196,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 74, 196, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 196, 201) }
```

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

```
.background{ background-color: rgb(74, 196,  
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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