

Converting Colors

RGB(70, 203, 196)

Have a look what the booklet for
RGB(70, 203, 196) contains.

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Color

RGB(70, 203, 196)

Conversions

Conversions Part 1

Format	Color
Hex	46CBC4
RGB	70, 203, 196
RGB Percent	27%, 80%, 77%
CMY	0.7255, 0.2039, 0.2314
CMYK	0.66, 0.00, 0.03, 0.20
HSL	177°, 56%, 54%
HSV	177°, 66%, 80%
XYZ	33.8455, 47.9995, 59.7055
YIQ	162.4350, -77.0210, -30.3730

Conversions

Conversions Part 2

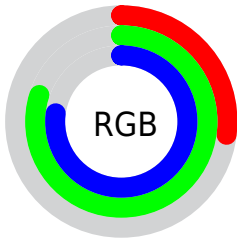
Format	Color
RYB	70, 138, 203
Decimal	4639684
CIELab	74.82, -37.09, -7.11
CIElCh	75, 37.762, 190.846
Yxy	47.9995, 0.2391, 0.3391
Android (android.graphics.Color)	4282829764 (0xFF46CBC4)
YUV	162.4350, 16.5475, -81.0655
Hunter-Lab	69.2817, -34.0420, -2.5978

Details

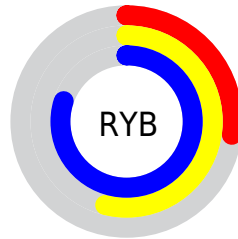
The RGB color **70, 203, 196** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **203, 70, 77**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **134, 255, 253**, and **0, 148, 142** is the 20% darker color. If you saturate the color by 10%, you get **50, 203, 195**, and if you desaturate by 10%, it is **90, 203, 197**.

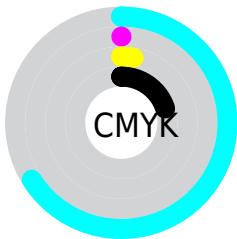
Distribution



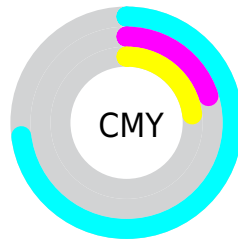
- Red (27%)
- Green (80%)
- Blue (77%)



- Red (27%)
- Yellow (54%)
- Blue (80%)



- Cyan (66%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (73%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the RGB color 70, 203, 196 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 70, 203, 196 by changing the saturation by 10% instead.

 70, 203, 196

 70, 203, 196

255, 255, 255

 26, 175, 169

 134, 255, 253

 0, 148, 142

 164, 255, 255

 0, 122, 117

 195, 255, 255

 0, 96, 92

 225, 255, 255

 0, 72, 69

 0, 48, 47

 0, 26, 26

 0, 0, 0

 70, 203, 196

 70, 203, 196

■ 50, 203, 195

■ 90, 203, 197

■ 29, 203, 194

■ 111, 203, 198

■ 9, 203, 193

■ 131, 203, 199

■ 0, 203, 192

■ 151, 203, 200

■ 172, 203, 201

■ 192, 203, 202

■ 212, 203, 203

■ 232, 203, 205

■ 253, 203, 206

Harmonies

Analogous

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



114, 201, 160



70, 203, 196



53, 201, 228

Triad

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



70, 203, 196



205, 171, 237



227, 174, 119

Complementary

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



70, 203, 196



203, 70, 77

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.



247, 163, 140



70, 203, 196



238, 160, 208

Square

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



70, 203, 196



155, 183, 252



252, 157, 173



195, 186, 115

Rectangle

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



70, 203, 196



80, 197, 244



252, 157, 173



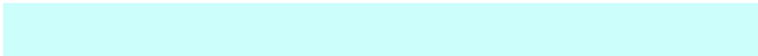
235, 170, 124

Sweetspot

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



70, 203, 196



204, 255, 252



79, 203, 70



97, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



70, 203, 196



54, 255, 244



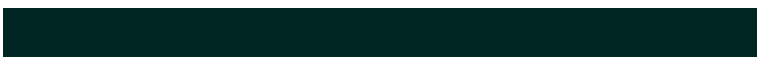
70, 145, 203



92, 102, 101



0, 166, 157



0, 38, 36

Inverse Universe

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



203, 70, 77



255, 54, 64



203, 128, 70



102, 92, 92



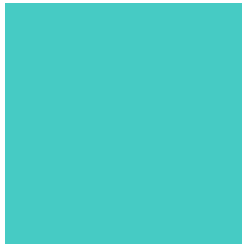
166, 0, 9



38, 0, 2

Previews

White Background



This preview shows how the RGB color 70, 203, 196 looks on a white background.

Color Contrast Check

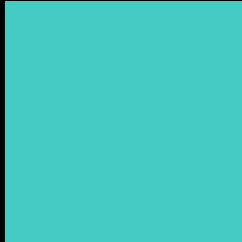
Large Text (above 18pt) WCAG AA × Fail

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 70, 203, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

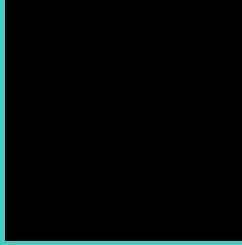
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

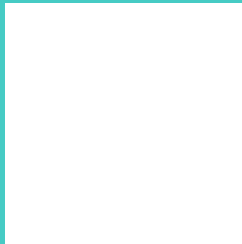
Any Text WCAG AAA ✓ Pass

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

RGB 70, 203, 196 Background



This preview shows how black text looks on a background with the RGB color 70, 203, 196.

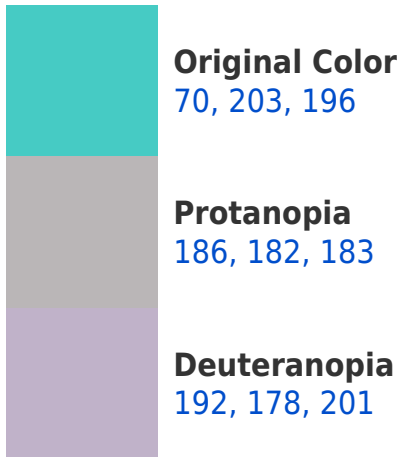


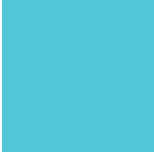
This preview shows how white text looks on a background with the RGB color 70, 203, 196.

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
80, 200, 216

Trichromacy



Original Color

70, 203, 196



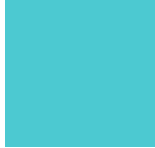
Protanomaly

144, 190, 188



Deuteranomaly

148, 187, 199



Tritanomaly

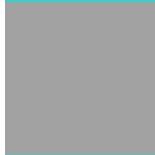
76, 201, 209

Monochromacy



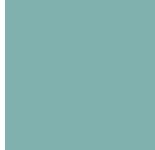
Original Color

70, 203, 196



Achromatopsia

162, 162, 162



Achromatomaly

129, 177, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 70, 203, 196 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(70, 203, 196)` looks like.

```
.text, #text, p{  
    color:rgb(70, 203, 196)  
}
```

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(70, 203, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 203, 196) }
```

Border

The CSS property to change the border of an element to RGB 70, 203, 196 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(70, 203, 196) }
```

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

```
.border{ border-color:rgb(70, 203, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 203, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 203, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 203, 196);  
box-shadow:4px 4px 4px 4px rgb(70, 203,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 70, 203, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 203, 196) }
```

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

```
.background{ background-color: rgb(70, 203,  
196) }
```

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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