

Converting Colors

CIELCh(67, 40.039, 190.389)

Have a look what the booklet for
CIELCh(67, 40.039, 190.389)
contains.

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Color

CIELCh(67, 39.956, 190.650)

Conversions

Conversions Part 1	
Format	Color
Hex	06B6AF
RGB	6, 182, 175
RGB Percent	2%, 71%, 69%
CMY	0.9783, 0.2859, 0.3133
CMYK	0.97, 0.00, 0.04, 0.29
HSL	178°, 94%, 37%
HSV	178°, 97%, 71%
XYZ	24.5652, 36.6320, 46.3845
YIQ	128.5780, -102.6490, -39.4890

Conversions

Conversions Part 2

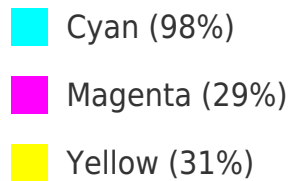
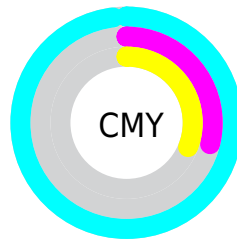
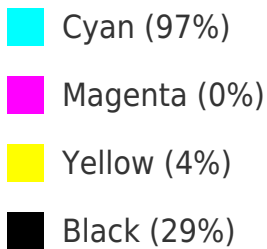
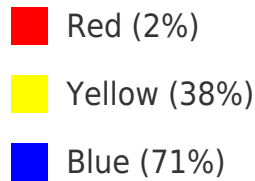
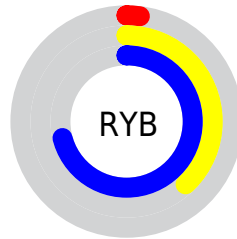
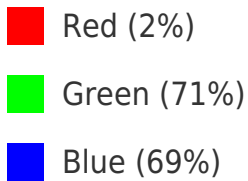
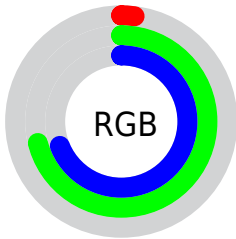
Format	Color
RYB	6, 96, 182
Decimal	439983
CIELab	67.00, -39.27, -7.38
CIELCh	67, 39.956, 190.650
Yxy	36.6320, 0.2283, 0.3405
Android (android.graphics.Color)	4278630063 (0xFF06B6AF)
YUV	128.5780, 22.8860, -107.5009
Hunter-Lab	60.5244, -33.4694, -3.0715

Details

The CIELCh color **67, 39.956, 190.650** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **38, 77.921, 37.610**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 40.178, 190.006**, and **48, 30.993, 190.739** is the 20% darker color. If you saturate the color by 10%, you get **67, 40.187, 190.487**, and if you desaturate by 10%, it is **67, 39.004, 191.182**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 39.956, 190.650 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 CIELCh color 67, 39.956, 190.650 by changing the saturation by 10% instead.

 67, 39.956,
190.650


 67, 39.956,
190.650


 100, 39.956,
190.650


 57, 39.956,
190.650


 87, 39.956,
190.650

 47, 39.956,
190.650

 97, 39.956,
190.650

 37, 39.956,
190.650

 27, 39.956,
190.650

 17, 39.956,
190.650

 7, 39.956, 190.650

 0, 39.956, 190.650

67, 39.956,
190.650

67, 39.956,
190.650

67, 40.187,
190.487

67, 39.004,
191.182

67, 37.329,
191.703

68, 34.839,
192.222

68, 31.517,
192.750

69, 27.397,
193.295

70, 22.552,
193.862

71, 17.075,
194.455

72, 11.073,

195.079

■ 73, 4.657, 195.770

Harmonies

Complementary

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



67, 39.956, 190.650



38, 77.921, 37.610

Rectangle

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



67, 39.956, 190.650



67, 39.956, 240.650



67, 39.956, 10.650



67, 39.956, 60.650

Sweetspot

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



67, 39.956, 190.649



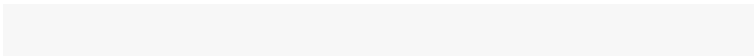
89, 22.563, 194.303



65, 92.013, 135.921



47, 15.364, 194.050



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 39.956, 190.649



85, 49.012, 190.391



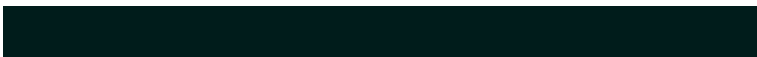
43, 49.167, 277.285



38, 3.794, 195.591



58, 35.757, 190.556



8, 10.638, 193.244

Inverse Universe

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



38, 77.921, 37.610



50, 97.423, 38.827



48, 66.063, 57.303



36, 4.005, 16.703



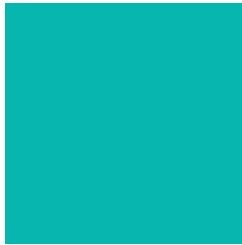
32, 70.374, 37.991



2, 10.653, 16.991

Previews

White Background



This preview shows how the CIELCh color 67, 39.956, 190.650 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 CIELCh color 67, 39.956, 190.650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

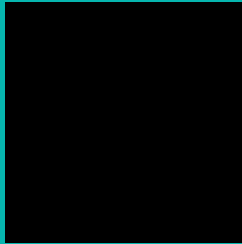
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

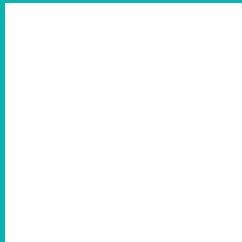
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 39.956, 190.650

Background



This preview shows how black text looks on a background with the CIELCh color 67, 39.956, 190.650.

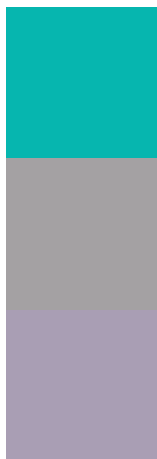


This preview shows how white text looks on a background with the CIELCh color 67, 39.956, 190.650.

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

67, 39.922, 190.648

Protanopia

67, 1.603, 335.603

Deuteranopia

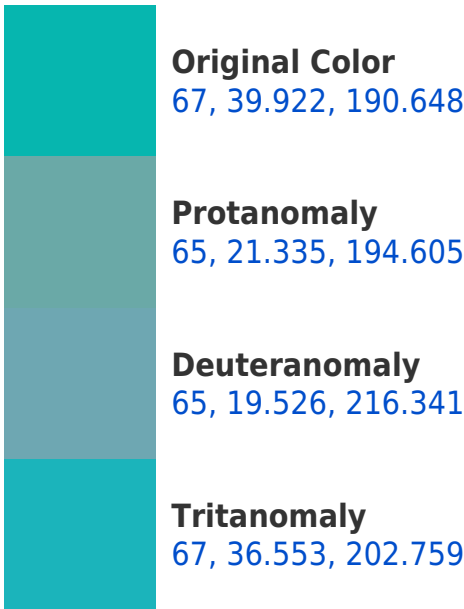
67, 12.892, 309.607



Tritanopia

67, 35.015, 210.703

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 39.956, 190.650 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(6, 182, 175)` looks like.

```
.text, #text, p{  
    color:rgb(6, 182, 175)  
}
```

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(6, 182, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 182, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 39.956, 190.650 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(6, 182, 175) }
```

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

```
.border{ border-color:rgb(6, 182, 175) }
```

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

Here you see how a box with a 4 pixel rgb(6, 182, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 182, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 182, 175);  
box-shadow:4px 4px 4px 4px rgb(6, 182,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 39.956, 190.650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 182, 175) }
```

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

```
.background{ background-color: rgb(6, 182,  
175) }
```

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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