

Converting Colors

CIELCh(67, 39.294, 193.599)

Have a look what the booklet for
CIELCh(67, 39.294, 193.599)
contains.

CIELCh(67, 39.426, 193.071)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(67, 39.426, 193.071)

Conversions

Conversions Part 1

Format	Color
Hex	03B6B2
RGB	3, 182, 178
RGB Percent	1%, 71%, 70%
CMY	0.9867, 0.2868, 0.3025
CMYK	0.98, 0.00, 0.02, 0.29
HSL	179°, 96%, 36%
HSV	179°, 98%, 71%
XYZ	24.7654, 36.6320, 47.8159
YIQ	128.0230, -105.4000, -39.1920

Conversions

Conversions Part 2

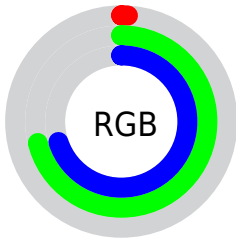
Format	Color
RYB	3, 94, 182
Decimal	243378
CIELab	67.00, -38.40, -8.92
CIELCh	67, 39.426, 193.071
Yxy	36.6320, 0.2268, 0.3354
Android (android.graphics.Color)	4278433458 (0xFF03B6B2)
YUV	128.0230, 24.6387, -109.6452
Hunter-Lab	60.5244, -32.8787, -4.4736

Details

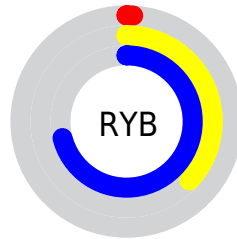
The CIELCh color **67, 39.426, 193.071** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **38, 79.095, 38.560**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 39.548, 193.025**, and **48, 30.591, 192.957** is the 20% darker color. If you saturate the color by 10%, you get **67, 39.554, 193.009**, and if you desaturate by 10%, it is **67, 38.606, 193.403**.

Distribution



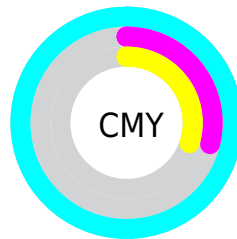
- Red (1%)
- Green (71%)
- Blue (70%)



- Red (1%)
- Yellow (37%)
- Blue (71%)



- Cyan (98%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)





- Cyan (99%)
- Magenta (29%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 39.426, 193.071 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, 39.426, 193.071 by changing the saturation by 10% instead.


 67, 39.426,
193.071


 67, 39.426,
193.071


 100, 39.426,
193.071


 57, 39.426,
193.071


 87, 39.426,
193.071

 47, 39.426,
193.071

 97, 39.426,
193.071

 37, 39.426,
193.071

 27, 39.426,
193.071

 17, 39.426,
193.071

 7, 39.426, 193.071

 0, 39.426, 193.071

■ 67, 39.426,
193.071

■ 67, 39.426,
193.071

■ 67, 39.554,
193.009

■ 67, 38.606,
193.403

■ 67, 37.104,
193.751

■ 68, 34.792,
194.121

■ 68, 31.646,
194.523

■ 69, 27.693,
194.962

■ 70, 22.995,
195.441

■ 71, 17.645,
195.959

■ 72, 11.745,

196.520

■ 73, 5.406, 197.147

Harmonies

Complementary

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



67, 39.426, 193.071



38, 79.095, 38.560

Rectangle

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



67, 39.426, 193.071



67, 39.426, 243.071



67, 39.426, 13.071



67, 39.426, 63.071

Sweetspot

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



67, 39.426, 193.070



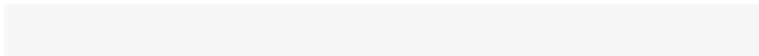
89, 22.458, 195.886



65, 92.303, 135.954



47, 15.285, 195.663



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, 39.426, 193.070



85, 48.271, 192.952



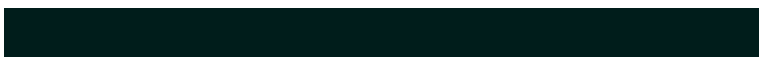
42, 51.365, 279.721



38, 3.785, 197.064



58, 35.234, 193.048



8, 10.580, 195.187

Inverse Universe

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



38, 79.095, 38.560



50, 98.078, 39.327



48, 66.109, 58.352



36, 4.003, 18.100



32, 71.018, 38.699



2, 10.644, 18.041

Previews

White Background



This preview shows how the CIELCh color 67, 39.426, 193.071 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 CIE LCh color 67, 39.426, 193.071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

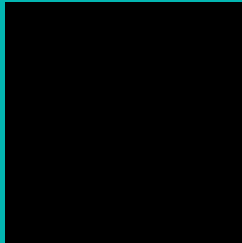
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

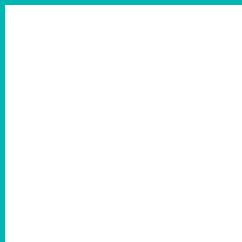
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 39.426, 193.071

Background



This preview shows how black text looks on a background with the CIELCh color 67, 39.426, 193.071.

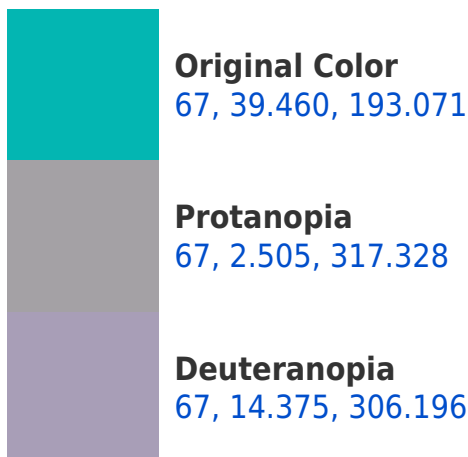


This preview shows how white text looks on a background with the CIELCh color 67, 39.426, 193.071.

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
67, 35.191, 210.620

Trichromacy



Original Color
67, 39.460, 193.071



Protanomaly
65, 21.065, 199.183



Deuteranomaly
65, 20.384, 220.582



Tritanomaly
67, 36.598, 203.642

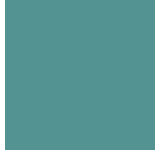
Monochromacy



Original Color
67, 39.460, 193.071



Achromatopsia
54, 0.007, 296.813



Achromatomaly
57, 21.947, 194.372

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 39.426, 193.071 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(3, 182, 178)` looks like.

```
.text, #text, p{  
    color:rgb(3, 182, 178)  
}
```

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(3, 182, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 182, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 39.426, 193.071 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(3, 182, 178) }
```

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

```
.border{ border-color:rgb(3, 182, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 182, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 182, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 182, 178);  
box-shadow:4px 4px 4px 4px rgb(3, 182,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 39.426, 193.071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 182, 178) }
```

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

```
.background{ background-color: rgb(3, 182,  
178) }
```

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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