

Converting Colors

CIELCh(68, 39.281, 195.709)

Have a look what the booklet for
CIELCh(68, 39.281, 195.709)
contains.

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Color

CIELCh(68, 39.370, 195.569)

Conversions

Conversions Part 1

Format	Color
Hex	03B9B8
RGB	3, 185, 184
RGB Percent	1%, 73%, 72%
CMY	0.9890, 0.2762, 0.2801
CMYK	0.98, 0.00, 0.01, 0.28
HSL	180°, 97%, 37%
HSV	180°, 98%, 72%
XYZ	25.8965, 37.9720, 51.0713
YIQ	130.4680, -108.1510, -38.8950

Conversions

Conversions Part 2

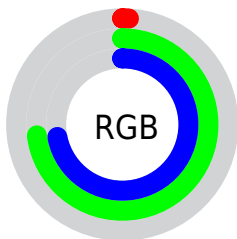
Format	Color
RYB	3, 94, 185
Decimal	244152
CIELab	68.00, -37.93, -10.57
CIELCh	68, 39.370, 195.569
Yxy	37.9720, 0.2253, 0.3304
Android (android.graphics.Color)	4278434232 (0xFF03B9B8)
YUV	130.4680, 26.3913, -111.7894
Hunter-Lab	61.6215, -32.8228, -6.0040

Details

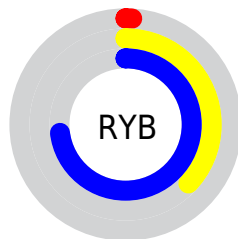
The CIELCh color **68, 39.370, 195.569** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **38, 80.875, 39.323**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **88, 39.571, 195.365**, and **49, 30.570, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **68, 39.464, 195.550**, and if you desaturate by 10%, it is **68, 38.629, 195.691**.

Distribution



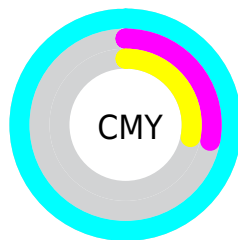
- Red (1%)
- Green (73%)
- Blue (72%)



- Red (1%)
- Yellow (37%)
- Blue (73%)



- Cyan (98%)
- Magenta (0%)
- Yellow (1%)
- Black (28%)





- Cyan (99%)
- Magenta (28%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 39.370, 195.569 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 68, 39.370, 195.569 by changing the saturation by 10% instead.


 68, 39.370,
195.569


 68, 39.370,
195.569


 100, 39.370,
195.569


 58, 39.370,
195.569


 88, 39.370,
195.569

 48, 39.370,
195.569

 98, 39.370,
195.569

 38, 39.370,
195.569

 28, 39.370,
195.569

 18, 39.370,
195.569

 8, 39.370, 195.569

 0, 39.370, 195.569

■ 68, 39.370,
195.569

■ 68, 39.370,
195.569

■ 68, 39.464,
195.550

■ 68, 38.629,
195.691

■ 68, 37.211,
195.854

■ 69, 34.978,
196.069

■ 69, 31.899,
196.340

■ 70, 27.996,
196.670

■ 71, 23.328,
197.057

■ 71, 17.984,
197.499

■ 73, 12.068,

197.997

■ 74, 5.690, 198.570

Harmonies

Complementary

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



68, 39.370, 195.569



38, 80.875, 39.323

Rectangle

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



68, 39.370, 195.569



68, 39.370, 245.569



68, 39.370, 15.569



68, 39.370, 65.569

Sweetspot

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



68, 39.369, 195.568



90, 23.252, 197.406



65, 93.496, 136.009



47, 15.590, 197.218



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



68, 39.369, 195.568



86, 48.014, 195.537



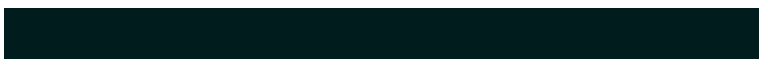
41, 53.936, 281.725



38, 3.779, 198.515



58, 34.779, 195.561



8, 10.532, 197.112

Inverse Universe

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



38, 80.875, 39.323



50, 99.563, 39.836



49, 66.559, 59.568



36, 4.003, 19.472



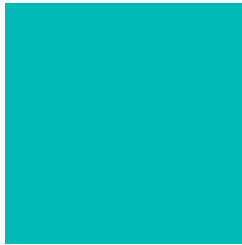
32, 71.661, 39.381



2, 10.639, 19.072

Previews

White Background



This preview shows how the CIELCh color 68, 39.370, 195.569 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 68, 39.370, 195.569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

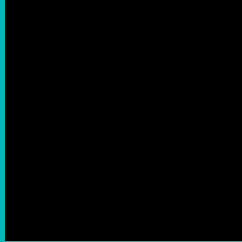
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

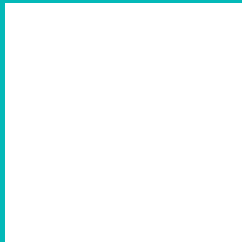
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 39.370, 195.569

Background



This preview shows how black text looks on a background with the CIELCh color 68, 39.370, 195.569.

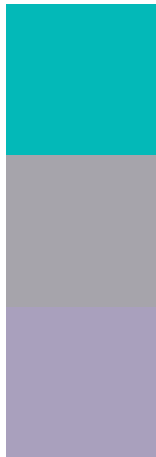


This preview shows how white text looks on a background with the CIELCh color 68, 39.370, 195.569.

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

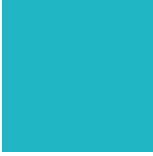
68, 39.435, 195.565

Protanopia

68, 3.948, 301.490

Deuteranopia

67, 16.407, 303.111



Tritanopia
68, 35.942, 210.259

Trichromacy



Original Color
68, 39.435, 195.565



Protanomaly
66, 21.171, 205.297



Deuteranomaly
66, 21.251, 226.265



Tritanomaly
68, 37.135, 204.392

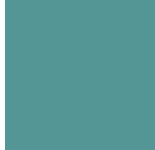
Monochromacy



Original Color
68, 39.435, 195.565



Achromatopsia
54, 0.007, 296.813



Achromatomaly
58, 22.095, 195.903

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 39.370, 195.569 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, 185, 184)` looks like.

```
.text, #text, p{  
    color:rgb(3, 185, 184)  
}
```

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, 185, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 185, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 39.370, 195.569 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, 185, 184) }
```

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

```
.border{ border-color:rgb(3, 185, 184) }
```

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

Here you see how a box with a 4 pixel rgb(3, 185, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 185, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 185, 184);  
box-shadow:4px 4px 4px 4px rgb(3, 185,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 39.370, 195.569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 185, 184) }
```

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

```
.background{ background-color: rgb(3, 185,  
184) }
```

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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