

Converting Colors

CIELCh(69, 38.857, 200.779)

Have a look what the booklet for
CIELCh(69, 38.857, 200.779)
contains.

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Color

CIElCh(69, 38.882, 200.590)

Conversions

Conversions Part 1

Format	Color
Hex	05BBC0
RGB	5, 187, 192
RGB Percent	2%, 73%, 75%
CMY	0.9816, 0.2669, 0.2473
CMYK	0.98, 0.03, 0.00, 0.25
HSL	182°, 95%, 39%
HSV	182°, 98%, 75%
XYZ	27.3209, 39.3444, 55.9843
YIQ	133.1520, -110.0770, -37.0290

Conversions

Conversions Part 2

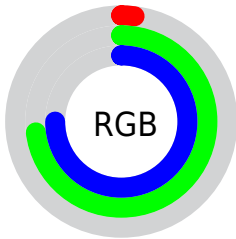
Format	Color
RYB	5, 97, 192
Decimal	375744
CIELab	69.00, -36.40, -13.67
CIELCh	69, 38.882, 200.590
Yxy	39.3444, 0.2228, 0.3208
Android (android.graphics.Color)	4278565824 (0xFF05BBC0)
YUV	133.1520, 29.0121, -112.3893
Hunter-Lab	62.7251, -32.0204, -9.0108

Details

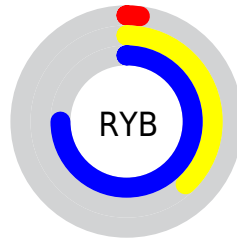
The CIELCh color **69, 38.882, 200.590** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **40, 82.692, 39.577**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 38.986, 200.078**, and **50, 30.142, 203.304** is the 20% darker color. If you saturate the color by 10%, you get **69, 38.993, 200.672**, and if you desaturate by 10%, it is **69, 38.245, 200.272**.

Distribution



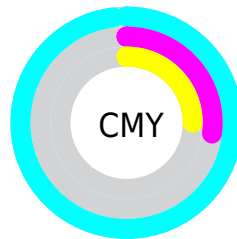
- Red (2%)
- Green (73%)
- Blue (75%)



- Red (2%)
- Yellow (38%)
- Blue (75%)



- Cyan (98%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)





- Cyan (98%)
- Magenta (27%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 38.882, 200.590 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 69, 38.882, 200.590 by changing the saturation by 10% instead.

 69, 38.882,
200.590


 69, 38.882,
200.590


 100, 38.882,
200.590


 59, 38.882,
200.590


 89, 38.882,
200.590

 49, 38.882,
200.590

 99, 38.882,
200.590

 39, 38.882,
200.590

 29, 38.882,
200.590

 19, 38.882,
200.590

 9, 38.882, 200.590

 0, 38.882, 200.590

■ 69, 38.882,
200.590

■ 69, 38.882,
200.590

■ 69, 38.993,
200.672

■ 69, 38.245,
200.272

■ 70, 36.872,
200.064

■ 70, 34.651,
199.969

■ 71, 31.558,
199.983

■ 72, 27.622,
200.101

■ 73, 22.909,
200.311

■ 74, 17.513,
200.606

■ 75, 11.543,

200.979

■ 76, 5.108, 201.452

Harmonies

Complementary

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



69, 38.882, 200.590



40, 82.692, 39.577

Rectangle

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



69, 38.882, 200.590



69, 38.882, 250.590



69, 38.882, 20.590



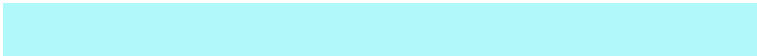
69, 38.882, 70.590

Sweetspot

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



69, 38.881, 200.589



93, 22.669, 200.544



68, 95.866, 136.233



49, 15.285, 200.414



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 38.881, 200.589



88, 47.523, 200.744



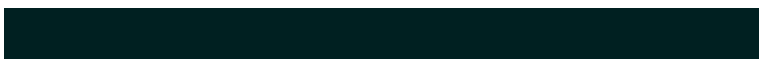
41, 58.922, 284.774



40, 3.843, 201.353



58, 34.194, 200.614



10, 12.073, 199.630

Inverse Universe

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



45, 90.970, 329.285



59, 111.413, 329.343



53, 67.298, 62.463



38, 7.096, 325.653



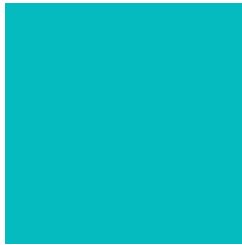
38, 80.131, 329.310



4, 23.628, 327.238

Previews

White Background



This preview shows how the CIE LCh color 69, 38.882, 200.590 looks on a white background.

Color Contrast Check

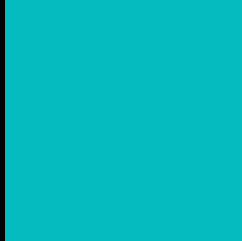
Large Text (above 18pt) WCAG AA × Fail

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 69, 38.882, 200.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

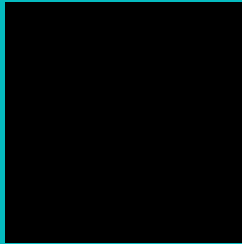
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

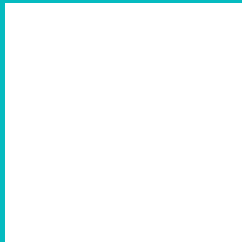
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 38.882, 200.590

Background



This preview shows how black text looks on a background with the CIELCh color 69, 38.882, 200.590.

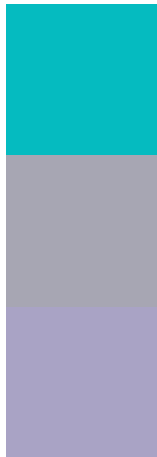


This preview shows how white text looks on a background with the CIELCh color 69, 38.882, 200.590.

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](#).

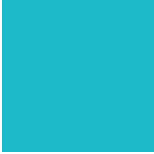
Dichromacy



Original Color
69, 38.882, 200.590

Protanopia
69, 7.172, 293.839

Deuteranopia
69, 18.897, 298.442

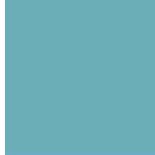


Tritanopia
69, 36.960, 209.794

Trichromacy



Original Color
69, 38.882, 200.590



Protanomaly
67, 21.799, 212.573



Deuteranomaly
67, 22.947, 231.993



Tritanomaly
69, 37.588, 206.889

Monochromacy



Original Color
69, 38.882, 200.590



Achromatopsia
56, 0.007, 296.813



Achromatomaly
59, 22.169, 198.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 38.882, 200.590 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(5, 187, 192)` looks like.

```
.text, #text, p{  
    color:rgb(5, 187, 192)  
}
```

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(5, 187, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 187, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 38.882, 200.590 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(5, 187, 192) }
```

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

```
.border{ border-color:rgb(5, 187, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 187, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 187, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 187, 192);  
box-shadow:4px 4px 4px 4px rgb(5, 187,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 38.882, 200.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 187, 192) }
```

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

```
.background{ background-color: rgb(5, 187,  
192) }
```

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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