

Converting Colors

CIELCh(69, 38.299, 204.936)

Have a look what the booklet for
CIELCh(69, 38.299, 204.936)
contains.

CIELCh(69, 38.227, 204.955)	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(69, 38.227, 204.955)

Conversions

Conversions Part 1

Format	Color
Hex	08BAC4
RGB	8, 186, 196
RGB Percent	3%, 73%, 77%
CMY	0.9680, 0.2690, 0.2298
CMYK	0.96, 0.05, 0.00, 0.23
HSL	183°, 92%, 40%
HSV	183°, 96%, 77%
XYZ	27.7554, 39.3444, 58.5966
YIQ	133.9180, -109.2980, -34.6260

Conversions

Conversions Part 2

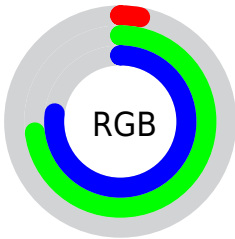
Format	Color
RYB	8, 99, 196
Decimal	572100
CIELab	69.00, -34.66, -16.13
CIELCh	69, 38.227, 204.955
Yxy	39.3444, 0.2208, 0.3130
Android (android.graphics.Color)	4278762180 (0xFF08BAC4)
YUV	133.9180, 30.6064, -110.4301
Hunter-Lab	62.7251, -30.7839, -11.4800

Details

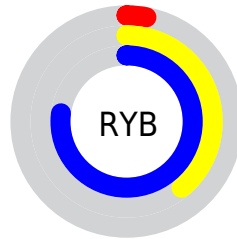
The CIELCh color **69, 38.227, 204.955** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **42, 82.818, 39.519**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 38.221, 204.996**, and **50, 29.689, 208.154** is the 20% darker color. If you saturate the color by 10%, you get **69, 38.373, 205.281**, and if you desaturate by 10%, it is **69, 37.584, 204.238**.

Distribution



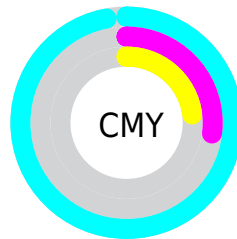
- Red (3%)
- Green (73%)
- Blue (77%)



- Red (3%)
- Yellow (39%)
- Blue (77%)



- Cyan (96%)
- Magenta (5%)
- Yellow (0%)
- Black (23%)





- Cyan (97%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 38.227, 204.955 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, 38.227, 204.955 by changing the saturation by 10% instead.

 69, 38.227,
204.955


 69, 38.227,
204.955


 100, 38.227,
204.955


 59, 38.227,
204.955


 89, 38.227,
204.955

 49, 38.227,
204.955

 99, 38.227,
204.955

 39, 38.227,
204.955

 29, 38.227,
204.955

 19, 38.227,
204.955

 9, 38.227, 204.955

 0, 38.227, 204.955

■ 69, 38.227,
204.955

■ 69, 38.227,
204.955

■ 69, 38.373,
205.281

■ 69, 37.584,
204.238

■ 70, 36.150,
203.703

■ 71, 33.848,
203.343

■ 72, 30.665,
203.142

■ 73, 26.642,
203.083

■ 74, 21.855,
203.148

■ 75, 16.402,
203.321

■ 77, 10.393,

203.591

■ 78, 3.937, 203.999

Harmonies

Complementary

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



69, 38.227, 204.955



42, 82.818, 39.519

Rectangle

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



69, 38.227, 204.955



69, 38.227, 254.955



69, 38.227, 24.955



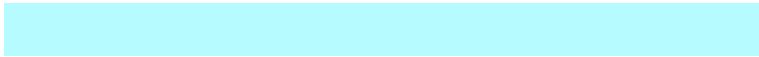
69, 38.227, 74.955

Sweetspot

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



69, 38.226, 204.954



94, 22.444, 203.247



69, 96.457, 136.586



50, 15.132, 203.176



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 38.226, 204.954



87, 46.662, 205.431



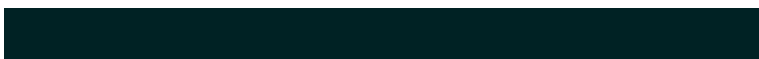
41, 62.832, 287.100



41, 3.827, 203.826



58, 33.476, 205.153



11, 12.281, 203.102

Inverse Universe

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



46, 90.418, 330.363



60, 110.762, 330.510



55, 67.144, 65.779



39, 7.120, 326.397



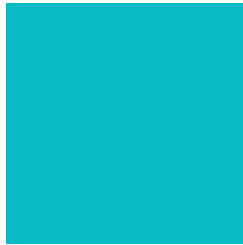
38, 79.415, 330.442



4, 25.553, 328.811

Previews

White Background



This preview shows how the CIELCh color 69, 38.227, 204.955 looks on a white background.

Color Contrast Check

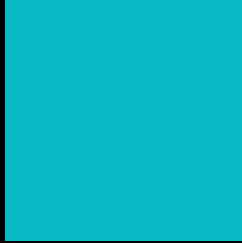
Large Text (above 18pt) WCAG AA × Fail

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, 38.227, 204.955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

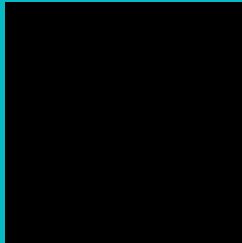
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 38.227, 204.955

Background



This preview shows how black text looks on a background with the CIELCh color 69, 38.227, 204.955.

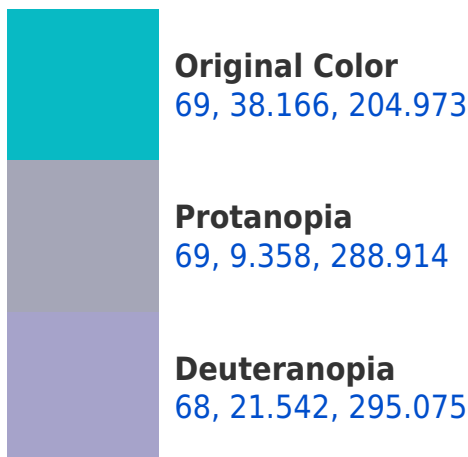


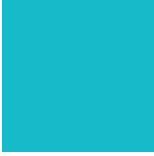
This preview shows how white text looks on a background with the CIELCh color 69, 38.227, 204.955.

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



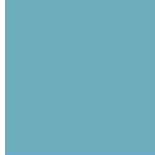


Tritanopia
69, 37.366, 209.623

Trichromacy



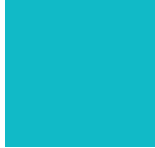
Original Color
69, 38.166, 204.973



Protanomaly
67, 21.990, 220.208



Deuteranomaly
67, 24.217, 238.212



Tritanomaly
69, 37.674, 207.735

Monochromacy



Original Color
69, 38.166, 204.973



Achromatopsia
56, 0.007, 296.813



Achromatomaly
59, 21.467, 203.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 38.227, 204.955 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(8, 186, 196)` looks like.

```
.text, #text, p{  
    color:rgb(8, 186, 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(8, 186, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 186, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 38.227, 204.955 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(8, 186, 196) }
```

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

```
.border{ border-color:rgb(8, 186, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 186, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 186, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 186, 196);  
box-shadow:4px 4px 4px 4px rgb(8, 186,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 38.227, 204.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 186, 196) }
```

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

```
.background{ background-color: rgb(8, 186,  
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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