

Converting Colors

CIELCh(69, 38.898, 202.935)

Have a look what the booklet for
CIELCh(69, 38.898, 202.935)
contains.

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Color

CIELCh(69, 38.732, 203.128)

Conversions

Conversions Part 1

Format	Color
Hex	00BBC3
RGB	0, 187, 195
RGB Percent	0%, 73%, 76%
CMY	1.0000, 0.2677, 0.2364
CMYK	1.00, 0.04, 0.00, 0.24
HSL	182°, 100%, 38%
HSV	182°, 100%, 76%
XYZ	27.5149, 39.3444, 57.6136
YIQ	131.9990, -114.0200, -37.1560

Conversions

Conversions Part 2

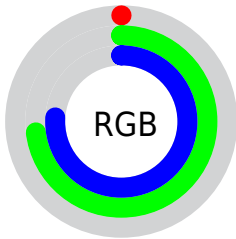
Format	Color
RYB	0, 95, 195
Decimal	48067
CIELab	69.00, -35.62, -15.21
CIELCh	69, 38.732, 203.128
Yxy	39.3444, 0.2211, 0.3161
Android (android.graphics.Color)	4278238147 (0xFF00BBC3)
YUV	131.9990, 31.0595, -115.7631
Hunter-Lab	62.7251, -31.4683, -10.5508

Details

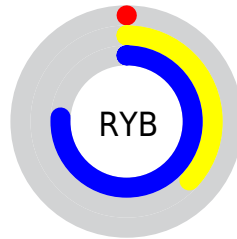
The CIELCh color **69, 38.732, 203.128** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **41, 84.811, 40.405**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 38.696, 203.281**, and **50, 29.976, 205.676** is the 20% darker color. If you saturate the color by 10%, you get **69, 38.689, 203.137**, and if you desaturate by 10%, it is **69, 38.215, 202.575**.

Distribution



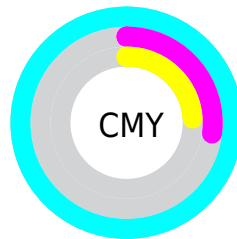
- Red (0%)
- Green (73%)
- Blue (76%)



- Red (0%)
- Yellow (37%)
- Blue (76%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 38.732, 203.128 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, 38.732, 203.128 by changing the saturation by 10% instead.

 69, 38.732,
203.128

 69, 38.732,
203.128


 100, 38.732,
203.128

 59, 38.732,
203.128


 89, 38.732,
203.128

 49, 38.732,
203.128

 99, 38.732,
203.128

 39, 38.732,
203.128

 29, 38.732,
203.128

 19, 38.732,
203.128

 9, 38.732, 203.128

 0, 38.732, 203.128

■ 69, 38.732,
203.128

■ 69, 38.732,
203.128

■ 69, 38.689,
203.137

■ 69, 38.215,
202.575

■ 70, 37.088,
202.141

■ 70, 35.119,
201.854

■ 71, 32.271,
201.708

■ 72, 28.562,
201.690

■ 73, 24.053,
201.786

■ 74, 18.835,
201.984

■ 76, 13.013,

202.271

■ 77, 6.700, 202.655

Harmonies

Complementary

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



69, 38.732, 203.128



41, 84.811, 40.405

Rectangle

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



69, 38.732, 203.128



69, 38.732, 253.128



69, 38.732, 23.128



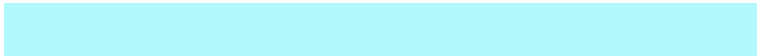
69, 38.732, 73.128

Sweetspot

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



69, 38.689, 203.137



94, 23.211, 201.972



69, 97.180, 136.269



50, 15.684, 201.878



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, 38.689, 203.137



87, 46.996, 203.249



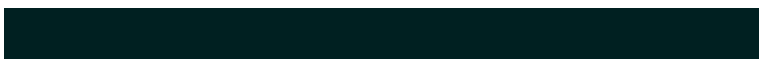
40, 63.210, 287.341



40, 3.789, 202.684



58, 33.572, 203.036



10, 11.880, 201.479

Inverse Universe

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



46, 91.344, 329.942



59, 110.988, 329.969



53, 68.764, 63.261



38, 7.027, 326.054



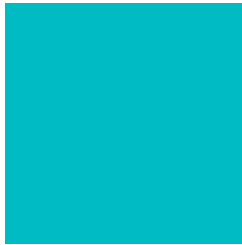
38, 79.241, 329.916



4, 23.315, 327.734

Previews

White Background



This preview shows how the CIE LCh color 69, 38.732, 203.128 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, 38.732, 203.128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

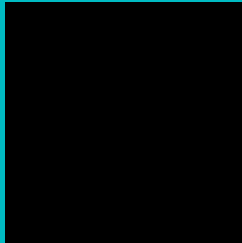
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

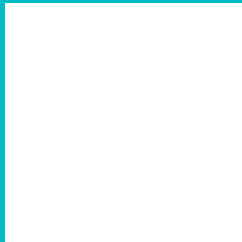
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 38.732, 203.128

Background



This preview shows how black text looks on a background with the CIELCh color 69, 38.732, 203.128.

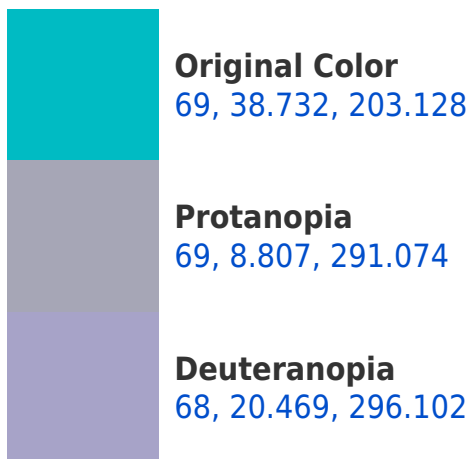


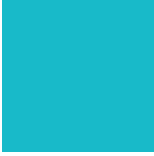
This preview shows how white text looks on a background with the CIELCh color 69, 38.732, 203.128.

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



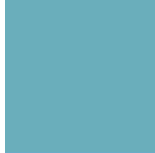


Tritanopia
69, 37.260, 209.667

Trichromacy



Original Color
69, 38.732, 203.128



Protanomaly
67, 22.513, 216.541



Deuteranomaly
67, 24.283, 234.673



Tritanomaly
69, 37.754, 207.705

Monochromacy



Original Color
69, 38.732, 203.128



Achromatopsia
55, 0.007, 296.813



Achromatomaly
59, 22.285, 201.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 38.732, 203.128 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(0, 187, 195)` looks like.

```
.text, #text, p{  
    color:rgb(0, 187, 195)  
}
```

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(0, 187, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 187, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 38.732, 203.128 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(0, 187, 195) }
```

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

```
.border{ border-color:rgb(0, 187, 195) }
```

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

Here you see how a box with a 4 pixel rgb(0, 187, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 187, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 187, 195);  
box-shadow:4px 4px 4px 4px rgb(0, 187,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 38.732, 203.128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 187, 195) }
```

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

```
.background{ background-color: rgb(0, 187,  
195) }
```

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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