

Converting Colors

CIELCh(70, 38.486, 208.298)

Have a look what the booklet for
CIELCh(70, 38.486, 208.298)
contains.

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Color

CIELCh(70, 38.497, 208.291)

Conversions

Conversions Part 1

Format	Color
Hex	05BDCB
RGB	5, 189, 203
RGB Percent	2%, 74%, 80%
CMY	0.9798, 0.2587, 0.2038
CMYK	0.97, 0.07, 0.00, 0.20
HSL	184°, 95%, 41%
HSV	184°, 97%, 80%
XYZ	29.0476, 40.7494, 62.8465
YIQ	135.5800, -114.1580, -34.6540

Conversions

Conversions Part 2

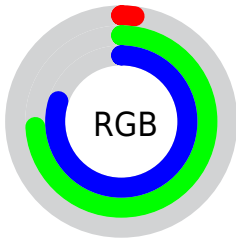
Format	Color
RYB	5, 100, 203
Decimal	376267
CIELab	70.00, -33.90, -18.25
CIELCh	70, 38.497, 208.291
Yxy	40.7494, 0.2190, 0.3072
Android (android.graphics.Color)	4278566347 (0xFF05BDCB)
YUV	135.5800, 33.2381, -114.5187
Hunter-Lab	63.8353, -30.4871, -13.6869

Details

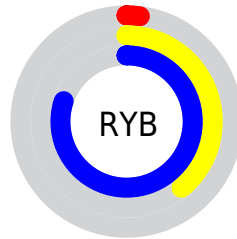
The CIELCh color **70, 38.497, 208.291** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **43, 85.598, 40.117**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 38.696, 204.077**, and **51, 30.079, 212.675** is the 20% darker color. If you saturate the color by 10%, you get **70, 38.573, 208.575**, and if you desaturate by 10%, it is **71, 37.995, 207.231**.

Distribution



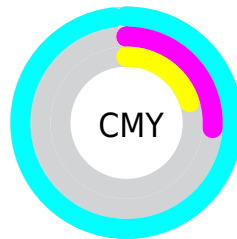
- Red (2%)
- Green (74%)
- Blue (80%)



- Red (2%)
- Yellow (39%)
- Blue (80%)



- Cyan (97%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)





- Cyan (98%)
- Magenta (26%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 38.497, 208.291 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 70, 38.497, 208.291 by changing the saturation by 10% instead.


 70, 38.497,
208.291


 70, 38.497,
208.291


 100, 38.497,
208.291


 60, 38.497,
208.291


 90, 38.497,
208.291

 50, 38.497,
208.291

 40, 38.497,
208.291

 30, 38.497,
208.291

 20, 38.497,
208.291

 10, 38.497,
208.291

 0, 38.497, 208.291

■ 70, 38.497,
208.291

■ 70, 38.497,
208.291

■ 70, 38.573,
208.575

■ 71, 37.995,
207.231

■ 71, 36.726,
206.403

■ 72, 34.576,
205.799

■ 73, 31.527,
205.397

■ 74, 27.611,
205.172

■ 75, 22.903,
205.098

■ 77, 17.501,
205.154

■ 79, 11.517,

205.323

■ 80, 5.062, 205.622

Harmonies

Complementary

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



70, 38.497, 208.291



43, 85.598, 40.117

Rectangle

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



70, 38.497, 208.291



70, 38.497, 258.291



70, 38.497, 28.291



70, 38.497, 78.291

Sweetspot

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



70, 38.496, 208.290



94, 22.072, 205.134



71, 98.998, 136.641



49, 14.881, 205.105



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 38.496, 208.290



86, 45.756, 208.754



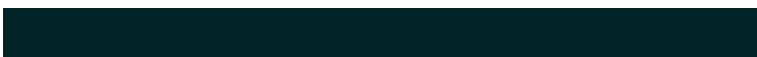
41, 67.806, 289.230



42, 3.843, 205.548



58, 33.211, 208.383



12, 12.560, 205.707

Inverse Universe

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



48, 91.689, 331.198



59, 109.208, 331.329



58, 69.259, 66.765



40, 7.183, 326.910



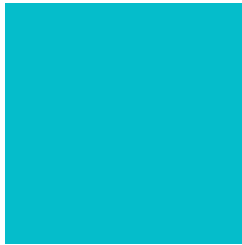
39, 79.227, 331.237



5, 27.433, 329.908

Previews

White Background



This preview shows how the CIELCh color 70, 38.497, 208.291 looks on a white background.

Color Contrast Check

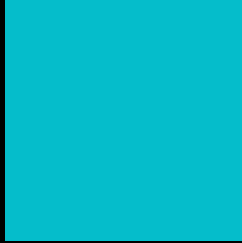
Large Text (above 18pt) WCAG AA × Fail

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 70, 38.497, 208.291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

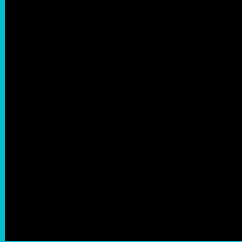
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 38.497, 208.291

Background



This preview shows how black text looks on a background with the CIELCh color 70, 38.497, 208.291.

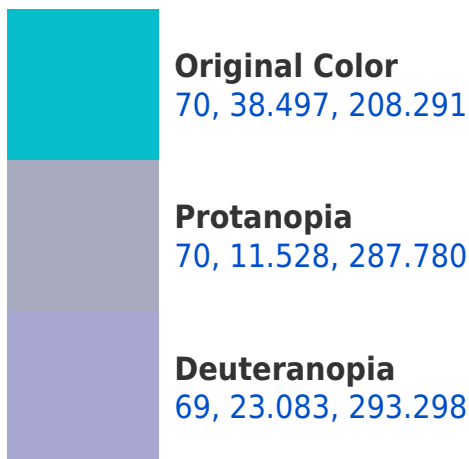


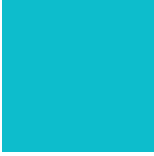
This preview shows how white text looks on a background with the CIELCh color 70, 38.497, 208.291.

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



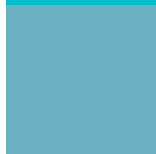


Tritanopia
70, 38.222, 209.260

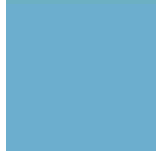
Trichromacy



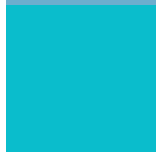
Original Color
70, 38.497, 208.291



Protanomaly
68, 23.268, 224.866

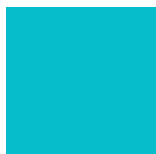


Deuteranomaly
68, 25.931, 241.447

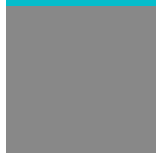


Tritanomaly
70, 38.315, 209.223

Monochromacy



Original Color
70, 38.497, 208.291



Achromatopsia
57, 0.007, 296.813



Achromatomaly
60, 21.959, 204.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 38.497, 208.291 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, 189, 203)` looks like.

```
.text, #text, p{  
    color:rgb(5, 189, 203)  
}
```

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, 189, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 189, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 38.497, 208.291 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, 189, 203) }
```

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

```
.border{ border-color:rgb(5, 189, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 189, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 189, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 189, 203);  
box-shadow:4px 4px 4px 4px rgb(5, 189,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 38.497, 208.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 189, 203) }
```

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

```
.background{ background-color: rgb(5, 189,  
203) }
```

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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