

Converting Colors

CIELCh(72, 39.218, 211.499)

Have a look what the booklet for
CIELCh(72, 39.218, 211.499)
contains.

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Color

CIELCh(72, 39.284, 211.353)

Conversions

Conversions Part 1

Format	Color
Hex	04C3D5
RGB	4, 195, 213
RGB Percent	2%, 76%, 84%
CMY	0.9853, 0.2369, 0.1663
CMYK	0.98, 0.08, 0.00, 0.17
HSL	185°, 97%, 42%
HSV	185°, 98%, 83%
XYZ	31.4313, 43.6590, 69.4539
YIQ	139.9430, -119.6140, -34.8940

Conversions

Conversions Part 2

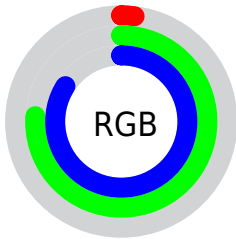
Format	Color
RYB	4, 104, 213
Decimal	312277
CIELab	72.00, -33.55, -20.44
CIELCh	72, 39.284, 211.353
Yxy	43.6590, 0.2175, 0.3020
Android (android.graphics.Color)	4278502357 (0xFF04C3D5)
YUV	139.9430, 36.0171, -119.2220
Hunter-Lab	66.0750, -30.7202, -16.0695

Details

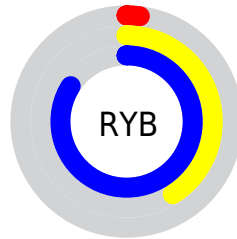
The CIELCh color **72, 39.284, 211.353** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **45, 88.864, 40.499**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **92, 39.985, 199.221**, and **54, 31.068, 215.472** is the 20% darker color. If you saturate the color by 10%, you get **72, 39.330, 211.608**, and if you desaturate by 10%, it is **73, 38.849, 209.974**.

Distribution



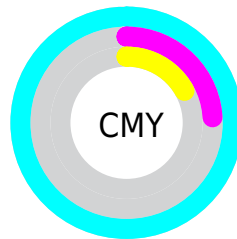
- Red (2%)
- Green (76%)
- Blue (84%)



- Red (2%)
- Yellow (41%)
- Blue (84%)



- Cyan (98%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)





- Cyan (99%)
- Magenta (24%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 39.284, 211.353 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 72, 39.284, 211.353 by changing the saturation by 10% instead.


 72, 39.284,
211.353


 72, 39.284,
211.353


 100, 39.284,
211.353


 62, 39.284,
211.353


 92, 39.284,
211.353

 52, 39.284,
211.353

 42, 39.284,
211.353

 32, 39.284,
211.353

 22, 39.284,
211.353

 12, 39.284,
211.353

 2, 39.284, 211.353

■ 0, 39.284, 211.353

■ 72, 39.284,
211.353

■ 72, 39.284,
211.353

■ 72, 39.330,
211.608

■ 73, 38.849,
209.974

■ 73, 37.647,
208.873

■ 74, 35.545,
208.046

■ 76, 32.514,
207.460

■ 77, 28.585,
207.084

■ 78, 23.833,
206.887

■ 80, 18.360,
206.840

■ 82, 12.280,
206.921

■ 83, 5.706, 207.138

Harmonies

Complementary

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



72, 39.284, 211.353



45, 88.864, 40.499

Rectangle

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



72, 39.284, 211.353



72, 39.284, 261.353



72, 39.284, 31.353



72, 39.284, 81.353

Sweetspot

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



72, 39.283, 211.352



94, 21.767, 206.838



74, 102.346, 136.745



49, 14.675, 206.848



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 39.283, 211.352



85, 45.078, 211.785



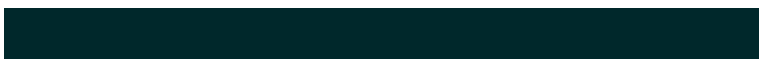
42, 73.230, 290.941



44, 3.945, 207.102



59, 33.457, 211.354



14, 13.321, 208.359

Inverse Universe

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



50, 93.887, 331.955



59, 107.868, 332.071



61, 71.804, 67.976



42, 7.398, 327.372



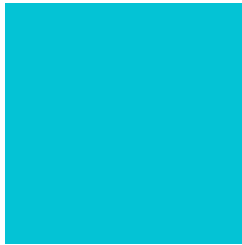
40, 80.041, 331.966



6, 30.946, 331.043

Previews

White Background



This preview shows how the CIE LCh color 72, 39.284, 211.353 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 72, 39.284, 211.353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

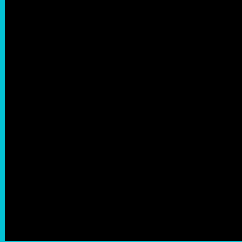
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 39.284, 211.353

Background



This preview shows how black text looks on a background with the CIELCh color 72, 39.284, 211.353.

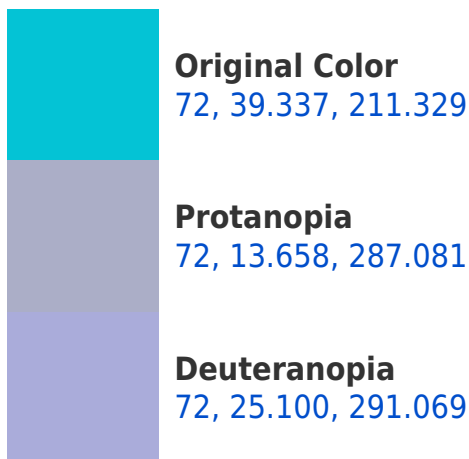


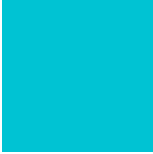
This preview shows how white text looks on a background with the CIELCh color 72, 39.284, 211.353.

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



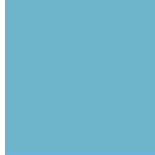


Tritanopia
72, 39.492, 209.582

Trichromacy



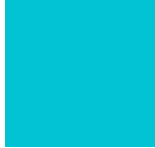
Original Color
72, 39.337, 211.329



Protanomaly
70, 24.649, 228.964



Deuteranomaly
70, 27.835, 243.749



Tritanomaly
72, 39.437, 210.443

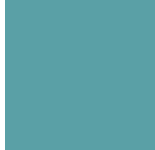
Monochromacy



Original Color
72, 39.337, 211.329



Achromatopsia
58, 0.007, 296.813



Achromatomaly
62, 22.716, 206.124

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 39.284, 211.353 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(4, 195, 213)` looks like.

```
.text, #text, p{  
    color:rgb(4, 195, 213)  
}
```

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(4, 195, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 195, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 39.284, 211.353 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(4, 195, 213) }
```

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

```
.border{ border-color:rgb(4, 195, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 195, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 195, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 195, 213);  
box-shadow:4px 4px 4px 4px rgb(4, 195,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 39.284, 211.353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 195, 213) }
```

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

```
.background{ background-color: rgb(4, 195,  
213) }
```

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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