

Converting Colors

CIELCh(72, 39.803, 200.495)

Have a look what the booklet for
CIELCh(72, 39.803, 200.495)
contains.

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Color

CIELCh(72, 39.878, 200.476)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 11C4C9 |
| RGB | 17, 196, 201 |
| RGB Percent | 7%, 77%, 79% |
| CMY | 0.9340, 0.2326, 0.2130 |
| CMYK | 0.92, 0.02, 0.00, 0.21 |
| HSL | 182°, 85%, 43% |
| HSV | 182°, 92%, 79% |
| XYZ | 30.4035, 43.6590, 61.8919 |
| YIQ | 143.0490, -108.2890, -36.3930 |

Conversions

Conversions Part 2

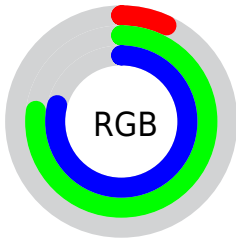
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 17, 108, 201 |
| Decimal | 1164489 |
| CIELab | 72.00, -37.36, -13.95 |
| CIELCh | 72, 39.878, 200.476 |
| Yxy | 43.6590, 0.2236, 0.3211 |
| Android (android.graphics.Color) | 4279354569 (0xFF11C4C9) |
| YUV | 143.0490, 28.5698, -110.5450 |
| Hunter-Lab | 66.0750, -33.4969, -9.2840 |

Details

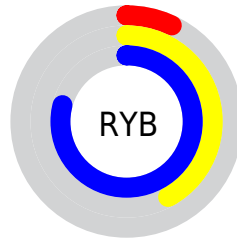
The CIELCh color **72, 39.878, 200.476** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **43, 82.174, 38.232**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 40.106, 198.458**, and **53, 31.747, 201.791** is the 20% darker color. If you saturate the color by 10%, you get **72, 40.283, 200.769**, and if you desaturate by 10%, it is **72, 38.812, 200.210**.

Distribution



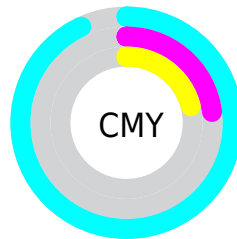
- Red (7%)
- Green (77%)
- Blue (79%)



- Red (7%)
- Yellow (42%)
- Blue (79%)



- Cyan (92%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)





- Cyan (93%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 39.878, 200.476 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, 39.878, 200.476 by changing the saturation by 10% instead.


 72, 39.878,
200.476


 72, 39.878,
200.476


 100, 39.878,
200.476


 62, 39.878,
200.476


 92, 39.878,
200.476

 52, 39.878,
200.476

 42, 39.878,
200.476

 32, 39.878,
200.476

 22, 39.878,
200.476

 12, 39.878,
200.476

 2, 39.878, 200.476

0, 39.878, 200.476

72, 39.878,
200.476

72, 39.878,
200.476

72, 40.283,
200.769

72, 38.812,
200.210

73, 36.894,
200.060

73, 34.072,
200.024

74, 30.355,
200.096

75, 25.797,
200.266

76, 20.487,
200.524

■ 78, 14.531,
200.864

■ 79, 8.046, 201.286

■ 81, 1.142, 202.146

Harmonies

Complementary

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



72, 39.878, 200.476



43, 82.174, 38.232

Rectangle

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



72, 39.878, 200.476



72, 39.878, 250.476



72, 39.878, 20.476



72, 39.878, 70.476

Sweetspot

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



72, 39.877, 200.475



95, 21.607, 200.658



71, 97.556, 136.498



50, 14.366, 200.548



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, 39.877, 200.475



89, 48.221, 200.834



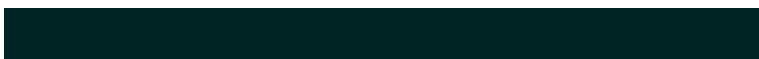
45, 57.306, 282.267



41, 3.924, 201.397



59, 34.569, 200.702



11, 12.606, 199.720

Inverse Universe

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



48, 92.913, 329.209



60, 113.084, 329.365



56, 66.987, 63.964



39, 7.247, 325.669



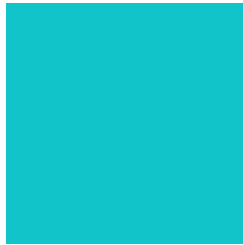
38, 81.032, 329.332



4, 26.130, 327.913

Previews

White Background



This preview shows how the CIE LCh color 72, 39.878, 200.476 looks on a white background.

Color Contrast Check

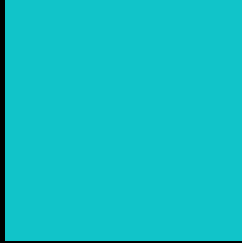
Large Text (above 18pt) WCAG AA × Fail

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, 39.878, 200.476 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

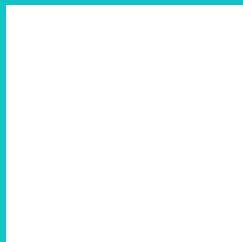
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 39.878, 200.476

Background



This preview shows how black text looks on a background with the CIELCh color 72, 39.878, 200.476.

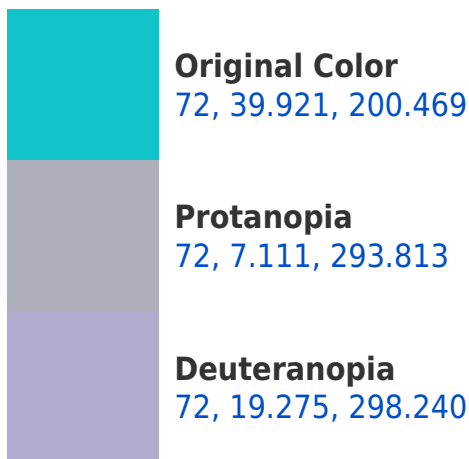


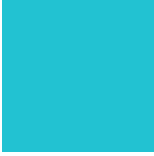
This preview shows how white text looks on a background with the CIELCh color 72, 39.878, 200.476.

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, 37.907, 210.238

Trichromacy



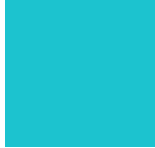
Original Color
72, 39.921, 200.469



Protanomaly
70, 21.528, 212.698



Deuteranomaly
70, 22.726, 233.793



Tritanomaly
72, 38.615, 206.539

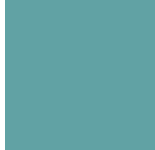
Monochromacy



Original Color
72, 39.921, 200.469



Achromatopsia
59, 0.008, 296.813



Achromatomaly
63, 21.568, 200.576

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 39.878, 200.476 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(17, 196, 201)` looks like.

```
.text, #text, p{  
    color:rgb(17, 196, 201)  
}
```

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(17, 196, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 196, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 39.878, 200.476 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(17, 196, 201) }
```

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

```
.border{ border-color:rgb(17, 196, 201) }
```

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

Here you see how a box with a 4 pixel rgb(17, 196, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 196, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 196, 201);  
box-shadow:4px 4px 4px 4px rgb(17, 196,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 39.878, 200.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 196, 201) }
```

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

```
.background{ background-color: rgb(17, 196,  
201) }
```

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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