

Converting Colors

CIELCh(73, 39.723, 212.657)

Have a look what the booklet for
CIELCh(73, 39.723, 212.657)
contains.

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Color

CIELCh(73, 39.651, 212.860)

Conversions

Conversions Part 1

Format	Color
Hex	05C5D9
RGB	5, 197, 217
RGB Percent	2%, 77%, 85%
CMY	0.9795, 0.2260, 0.1475
CMYK	0.98, 0.09, 0.00, 0.15
HSL	186°, 95%, 44%
HSV	186°, 98%, 85%
XYZ	32.6889, 45.1644, 72.8961
YIQ	141.8720, -120.8520, -34.4840

Conversions

Conversions Part 2

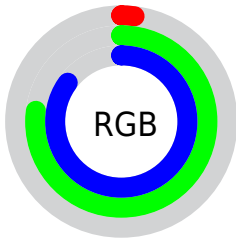
Format	Color
RYB	5, 106, 217
Decimal	378329
CIELab	73.00, -33.31, -21.51
CIELCh	73, 39.651, 212.860
Yxy	45.1644, 0.2168, 0.2996
Android (android.graphics.Color)	4278568409 (0xFF05C5D9)
YUV	141.8720, 37.0381, -120.0367
Hunter-Lab	67.2044, -30.7836, -17.2683

Details

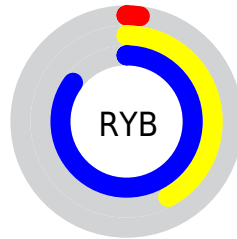
The CIELCh color **73, 39.651, 212.860** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **46, 89.839, 40.524**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 40.409, 197.688**, and **54, 31.447, 217.486** is the 20% darker color. If you saturate the color by 10%, you get **73, 39.711, 213.251**, and if you desaturate by 10%, it is **74, 39.186, 211.328**.

Distribution



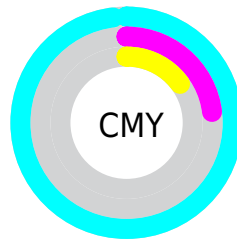
- Red (2%)
- Green (77%)
- Blue (85%)



- Red (2%)
- Yellow (42%)
- Blue (85%)



- Cyan (98%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)





- Cyan (98%)
- Magenta (23%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 39.651, 212.860 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 73, 39.651, 212.860 by changing the saturation by 10% instead.


 73, 39.651,
212.860


 73, 39.651,
212.860


 100, 39.651,
212.860


 63, 39.651,
212.860


 93, 39.651,
212.860

 53, 39.651,
212.860

 43, 39.651,
212.860

 33, 39.651,
212.860

 23, 39.651,
212.860

 13, 39.651,
212.860

 3, 39.651, 212.860

0, 39.651, 212.860

73, 39.651,
212.860

73, 39.651,
212.860

73, 39.711,
213.251

74, 39.186,
211.328

75, 37.925,
210.109

76, 35.748,
209.186

77, 32.631,
208.524

78, 28.607,
208.086

80, 23.756,
207.839

■ 81, 18.182,
207.750

■ 83, 12.000,
207.796

■ 85, 5.327, 207.989

Harmonies

Complementary

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



73, 39.651, 212.860



46, 89.839, 40.524

Rectangle

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



73, 39.651, 212.860



73, 39.651, 262.860



73, 39.651, 32.860



73, 39.651, 82.860

Sweetspot

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



73, 39.650, 212.859



94, 21.613, 207.755



76, 103.903, 136.778



49, 14.571, 207.785



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 39.650, 212.859



84, 44.767, 213.422



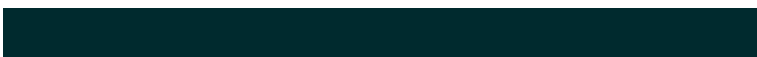
43, 74.043, 290.746



45, 3.993, 207.937



59, 33.589, 212.964



15, 13.687, 209.812

Inverse Universe

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



51, 94.790, 332.321



59, 107.171, 332.472



62, 72.803, 68.108



43, 7.501, 327.618



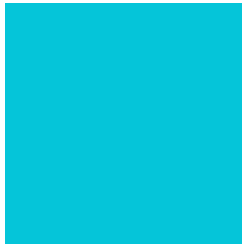
40, 80.406, 332.360



7, 32.352, 331.515

Previews

White Background



This preview shows how the CIE LCh color 73, 39.651, 212.860 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 73, 39.651, 212.860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

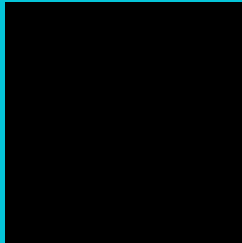
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 39.651, 212.860

Background



This preview shows how black text looks on a background with the CIELCh color 73, 39.651, 212.860.



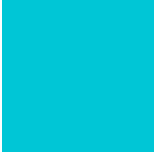
This preview shows how white text looks on a background with the CIELCh color 73, 39.651, 212.860.

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



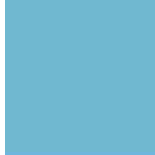


Tritanopia
73, 39.953, 209.390

Trichromacy



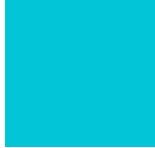
Original Color
73, 39.599, 212.885



Protanomaly
71, 25.061, 229.777



Deuteranomaly
71, 28.960, 246.109



Tritanomaly
73, 39.870, 210.249

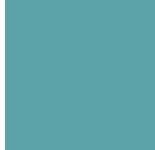
Monochromacy



Original Color
73, 39.599, 212.885



Achromatopsia
59, 0.008, 296.813



Achromatomaly
62, 22.717, 207.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 39.651, 212.860 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, 197, 217)` looks like.

```
.text, #text, p{  
    color:rgb(5, 197, 217)  
}
```

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, 197, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 197, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 39.651, 212.860 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, 197, 217) }
```

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

```
.border{ border-color:rgb(5, 197, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 197, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 197, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 197, 217);  
box-shadow:4px 4px 4px 4px rgb(5, 197,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 39.651, 212.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 197, 217) }
```

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

```
.background{ background-color: rgb(5, 197,  
217) }
```

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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