

Converting Colors

CIELCh(74, 39.357, 196.560)

Have a look what the booklet for
CIELCh(74, 39.357, 196.560)
contains.

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Color

CIELCh(74, 39.357, 196.560)

Conversions

Conversions Part 1

Format	Color
Hex	2EC9C9
RGB	46, 201, 201
RGB Percent	18%, 79%, 79%
CMY	0.8179, 0.2108, 0.2108
CMYK	0.77, 0.00, 0.00, 0.21
HSL	180°, 63%, 49%
HSV	180°, 77%, 79%
XYZ	32.6589, 46.7039, 62.6976
YIQ	154.6550, -92.3800, -32.8600

Conversions

Conversions Part 2

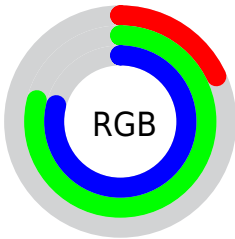
Format	Color
RYB	46, 124, 201
Decimal	3066313
CIELab	74.00, -37.72, -11.22
CIELCh	74, 39.357, 196.560
Yxy	46.7039, 0.2299, 0.3288
Android (android.graphics.Color)	4281256393 (0xFF2EC9C9)
YUV	154.6550, 22.8481, -95.2904
Hunter-Lab	68.3403, -34.2929, -6.5564

Details

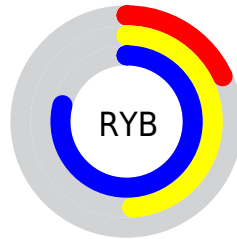
The CIELCh color **74, 39.357, 196.560** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **45, 70.858, 32.766**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 38.486, 197.062**, and **55, 32.922, 197.422** is the 20% darker color. If you saturate the color by 10%, you get **74, 40.946, 196.449**, and if you desaturate by 10%, it is **74, 36.881, 196.730**.

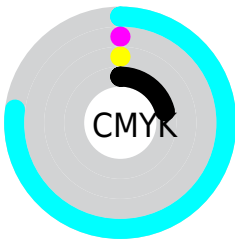
Distribution



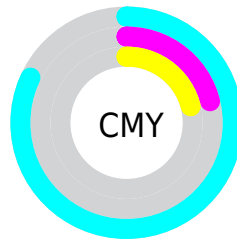
- Red (18%)
- Green (79%)
- Blue (79%)



- Red (18%)
- Yellow (49%)
- Blue (79%)



- Cyan (77%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)





- Cyan (82%)
- Magenta (21%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 39.357, 196.560 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 74, 39.357, 196.560 by changing the saturation by 10% instead.


 74, 39.357,
196.560

 74, 39.357,
196.560


 100, 39.357,
196.560


 64, 39.357,
196.560


 94, 39.357,
196.560

 54, 39.357,
196.560

 44, 39.357,
196.560

 34, 39.357,
196.560

 24, 39.357,
196.560

 14, 39.357,
196.560

 4, 39.357, 196.560

■ 0, 39.357, 196.560

■ 74, 39.357,
196.560

■ 74, 39.357,
196.560

■ 74, 40.946,
196.449

■ 74, 36.881,
196.730

■ 74, 41.754,
196.394

■ 75, 33.493,
196.967

■ 74, 41.930,
196.381

■ 76, 29.219,
197.270

■ 76, 24.129,
197.637

■ 77, 18.320,
198.066

■ 79, 11.905,
198.554

■ 80, 5.004, 199.135

■ 82, 2.272, 19.332

■ 83, 9.820, 20.101

Harmonies

Complementary

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



74, 39.357, 196.560



45, 70.858, 32.766

Rectangle

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



74, 39.357, 196.560



74, 39.357, 246.560



74, 39.357, 16.560



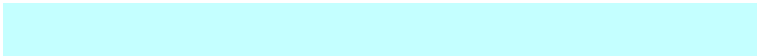
74, 39.357, 66.560

Sweetspot

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



74, 39.357, 196.559



96, 19.208, 198.235



71, 90.394, 137.231



51, 13.123, 198.063



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 39.357, 196.559



91, 49.644, 196.409



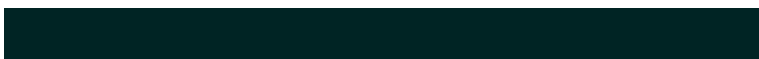
52, 45.709, 272.354



41, 4.034, 198.976



61, 35.889, 196.382



12, 12.984, 196.383

Inverse Universe

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



45, 70.858, 32.766



54, 100.219, 38.288



58, 57.790, 63.940



39, 4.279, 19.920



34, 74.643, 39.775



3, 15.885, 19.403

Previews

White Background



This preview shows how the CIELCh color 74, 39.357, 196.560 looks on a white background.

Color Contrast Check

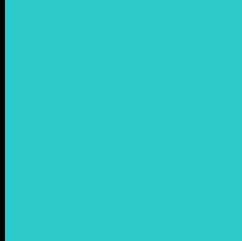
Large Text (above 18pt) WCAG AA × Fail

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 74, 39.357, 196.560 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

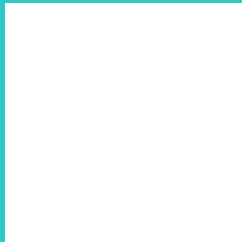
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 39.357, 196.560

Background



This preview shows how black text looks on a background with the CIELCh color 74, 39.357, 196.560.

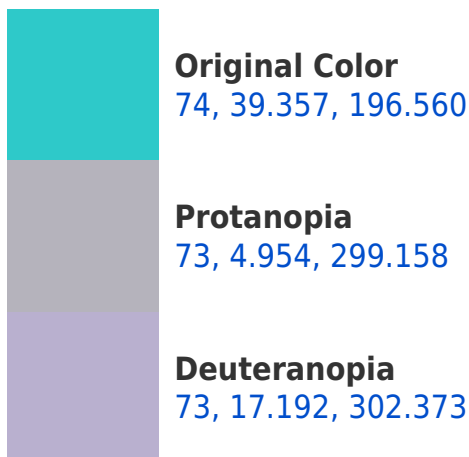


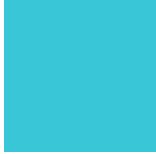
This preview shows how white text looks on a background with the CIELCh color 74, 39.357, 196.560.

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



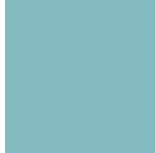


Tritanopia
74, 36.622, 210.773

Trichromacy



Original Color
74, 39.357, 196.560



Protanomaly
72, 18.565, 208.237



Deuteranomaly
72, 19.209, 233.110

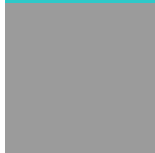


Tritanomaly
74, 37.452, 205.194

Monochromacy



Original Color
74, 39.357, 196.560



Achromatopsia
64, 0.008, 296.813



Achromatomaly
67, 19.101, 197.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 39.357, 196.560 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(46, 201, 201)` looks like.

```
.text, #text, p{  
    color:rgb(46, 201, 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(46, 201, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 201, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 39.357, 196.560 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(46, 201, 201) }
```

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

```
.border{ border-color:rgb(46, 201, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 201, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 201, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 201, 201);  
box-shadow:4px 4px 4px 4px rgb(46, 201,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 39.357, 196.560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 201, 201) }
```

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

```
.background{ background-color: rgb(46, 201,  
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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