

Converting Colors

CIELCh(74, 37.310, 198.728)

Have a look what the booklet for
CIELCh(74, 37.310, 198.728)
contains.

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Color

CIELCh(74, 37.198, 199.256)

Conversions

Conversions Part 1

Format	Color
Hex	3CC8CB
RGB	60, 200, 203
RGB Percent	24%, 78%, 80%
CMY	0.7634, 0.2148, 0.2031
CMYK	0.70, 0.01, 0.00, 0.20
HSL	181°, 58%, 52%
HSV	181°, 70%, 80%
XYZ	33.3938, 46.7039, 63.8921
YIQ	158.4820, -84.4030, -28.7470

Conversions

Conversions Part 2

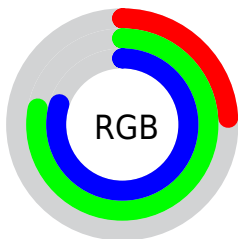
Format	Color
RYB	60, 131, 203
Decimal	3983563
CIELab	74.00, -35.12, -12.27
CIELCh	74, 37.198, 199.256
Yxy	46.7039, 0.2319, 0.3244
Android (android.graphics.Color)	4282173643 (0xFF3CC8CB)
YUV	158.4820, 21.9474, -86.3687
Hunter-Lab	68.3403, -32.3732, -7.5927




Details

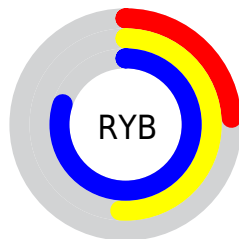
The CIELCh color **74, 37.198, 199.256** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **48, 64.302, 31.419**, and the grayscale version is **65, 0.008, 296.813**.




A 20% lighter version of the original color is **93, 36.865, 197.158**, and **54, 32.358, 200.610** is the 20% darker color. If you saturate the color by 10%, you get **74, 39.275, 199.322**, and if you desaturate by 10%, it is **75, 34.204, 199.289**.

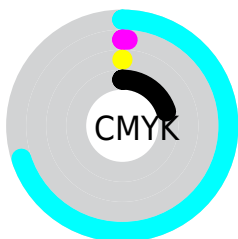
Distribution







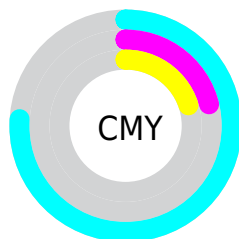
-  Red (24%)
-  Green (78%)
-  Blue (80%)






-  Red (24%)
-  Yellow (51%)
-  Blue (80%)



-  Cyan (70%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (20%)




-  Cyan (76%)
-  Magenta (21%)
-  Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 37.198, 199.256 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, 37.198, 199.256 by changing the saturation by 10% instead.


 74, 37.198,
199.256

 74, 37.198,
199.256


 100, 37.198,
199.256


 64, 37.198,
199.256


 94, 37.198,
199.256

 54, 37.198,
199.256

 44, 37.198,
199.256

 34, 37.198,
199.256

 24, 37.198,
199.256

 14, 37.198,
199.256

 4, 37.198, 199.256

0, 37.198, 199.256

74, 37.198,
199.256

74, 37.198,
199.256

74, 39.275,
199.322

75, 34.204,
199.289

73, 40.480,
199.491

75, 30.308,
199.420

73, 41.004,
199.735

76, 25.569,
199.641

77, 20.079,
199.943

79, 13.948,
200.321

80, 7.293, 200.781

■ 82, 0.228, 203.630

■ 83, 7.143, 21.605

■ 85, 14.730, 22.182

Harmonies

Complementary

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



74, 37.198, 199.256



48, 64.302, 31.419

Rectangle

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



74, 37.198, 199.256



74, 37.198, 249.256



74, 37.198, 19.256



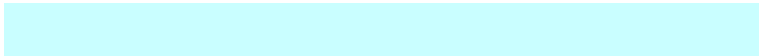
74, 37.198, 69.256

Sweetspot

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



74, 37.198, 199.255



96, 17.279, 200.281



72, 85.383, 138.438



51, 11.584, 200.170



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, 37.198, 199.255



90, 47.409, 199.390



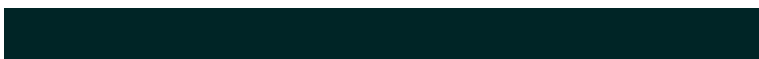
53, 44.644, 273.394



42, 4.032, 200.830



60, 35.256, 199.686



13, 13.202, 198.987

Inverse Universe

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



52, 83.416, 328.454



61, 109.308, 328.848



62, 53.021, 67.991



40, 7.432, 325.499



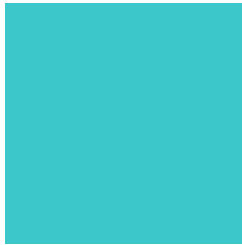
39, 82.359, 329.075



5, 28.560, 328.174

Previews

White Background



This preview shows how the CIELCh color 74, 37.198, 199.256 looks on a white background.

Color Contrast Check

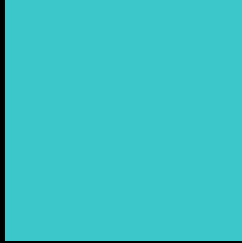
Large Text (above 18pt) WCAG AA × Fail

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, 37.198, 199.256 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

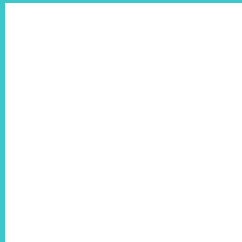
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 37.198, 199.256

Background



This preview shows how black text looks on a background with the CIELCh color 74, 37.198, 199.256.

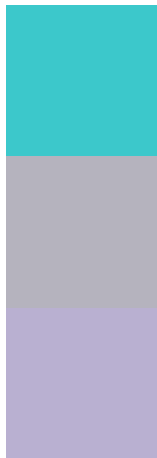


This preview shows how white text looks on a background with the CIELCh color 74, 37.198, 199.256.

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



Original Color

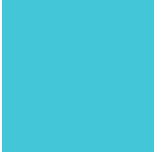
74, 37.198, 199.256

Protanopia

73, 6.029, 297.703

Deuteranopia

74, 18.257, 301.799



Tritanopia
74, 35.194, 212.383

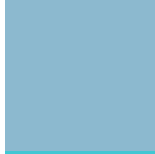
Trichromacy



Original Color
74, 37.198, 199.256



Protanomaly
73, 17.207, 212.917



Deuteranomaly
73, 18.594, 238.810

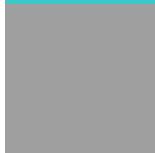


Tritanomaly
74, 35.703, 207.534

Monochromacy



Original Color
74, 37.198, 199.256



Achromatopsia
65, 0.008, 296.813



Achromatomaly
68, 17.519, 199.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 37.198, 199.256 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(60, 200, 203)` looks like.

```
.text, #text, p{  
    color:rgb(60, 200, 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(60, 200, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 200, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 37.198, 199.256 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(60, 200, 203) }
```

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

```
.border{ border-color:rgb(60, 200, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 200, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 200, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 200, 203);  
box-shadow:4px 4px 4px 4px rgb(60, 200,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 37.198, 199.256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 200, 203) }
```

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

```
.background{ background-color: rgb(60, 200,  
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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