

Converting Colors

CIELCh(74, 38.455, 189.206)

Have a look what the booklet for
CIELCh(74, 38.455, 189.206)
contains.

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Color

CIELCh(74, 38.498, 189.229)

Conversions

Conversions Part 1

Format	Color
Hex	41C9C0
RGB	65, 201, 192
RGB Percent	25%, 79%, 75%
CMY	0.7451, 0.2117, 0.2470
CMYK	0.68, 0.00, 0.04, 0.21
HSL	176°, 56%, 52%
HSV	176°, 68%, 79%
XYZ	32.5820, 46.7039, 57.1677
YIQ	159.3100, -78.1670, -31.6310

Conversions

Conversions Part 2

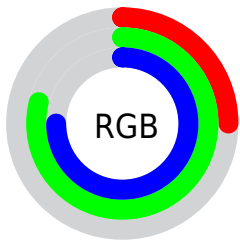
Format	Color
RYB	65, 135, 201
Decimal	4311488
CIELab	74.00, -38.00, -6.17
CIELCh	74, 38.498, 189.229
Yxy	46.7039, 0.2388, 0.3423
Android (android.graphics.Color)	4282501568 (0xFF41C9C0)
YUV	159.3100, 16.1162, -82.7099
Hunter-Lab	68.3403, -34.4937, -1.7588

Details

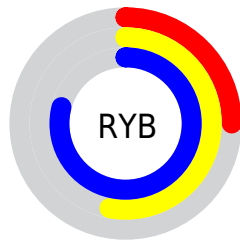
The CIELCh color **74, 38.498, 189.229** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **48, 59.909, 25.118**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 37.299, 191.493**, and **54, 34.386, 189.422** is the 20% darker color. If you saturate the color by 10%, you get **74, 41.239, 188.494**, and if you desaturate by 10%, it is **75, 34.855, 189.935**.

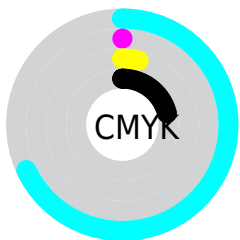
Distribution



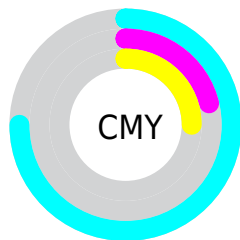
- Red (25%)
- Green (79%)
- Blue (75%)



- Red (25%)
- Yellow (53%)
- Blue (79%)



- Cyan (68%)
- Magenta (0%)
- Yellow (4%)
- Black (21%)



- Cyan (75%)
- Magenta (21%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 38.498, 189.229 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, 38.498, 189.229 by changing the saturation by 10% instead.

 74, 38.498,
189.229

 74, 38.498,
189.229

 100, 38.498,
189.229


 64, 38.498,
189.229


 94, 38.498,
189.229

 54, 38.498,
189.229

 44, 38.498,
189.229

 34, 38.498,
189.229

 24, 38.498,
189.229

 14, 38.498,
189.229

 4, 38.498, 189.229

0, 38.498, 189.229

74, 38.498,
189.229

74, 38.498,
189.229

74, 41.239,
188.494

75, 34.855,
189.935

73, 43.097,
187.720

75, 30.347,
190.628

73, 44.184,
186.894

76, 25.052,
191.319

73, 44.394,
186.699

77, 19.077,
192.014

78, 12.542,
192.722

80, 5.566, 193.474

■ 81, 1.737, 13.766

■ 83, 9.266, 14.726

■ 85, 16.936, 15.459

Harmonies

Complementary

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



74, 38.498, 189.229



48, 59.909, 25.118

Rectangle

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



74, 38.498, 189.229



74, 38.498, 239.229



74, 38.498, 9.229



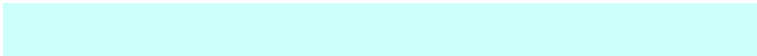
74, 38.498, 59.229

Sweetspot

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



74, 38.498, 189.228



97, 17.111, 192.534



72, 81.879, 137.361



51, 11.579, 192.332



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, 38.498, 189.228



91, 50.455, 188.154



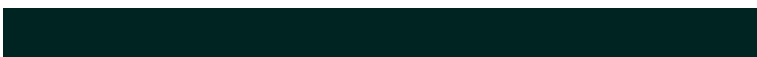
57, 37.728, 262.576



41, 4.072, 193.336



60, 37.994, 186.835



12, 13.551, 188.846

Inverse Universe

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



48, 59.909, 25.118



56, 86.805, 30.606



59, 50.422, 60.601



39, 4.289, 14.568



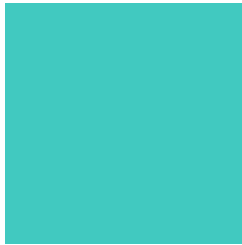
34, 72.041, 37.039



3, 15.926, 15.975

Previews

White Background



This preview shows how the CIELCh color 74, 38.498, 189.229 looks on a white background.

Color Contrast Check

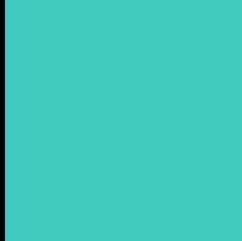
Large Text (above 18pt) WCAG AA × Fail

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, 38.498, 189.229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

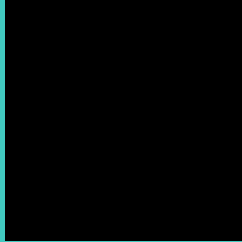
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

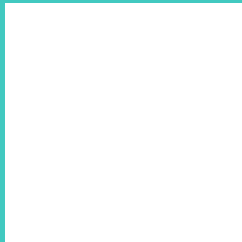
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 38.498, 189.229

Background



This preview shows how black text looks on a background with the CIELCh color 74, 38.498, 189.229.

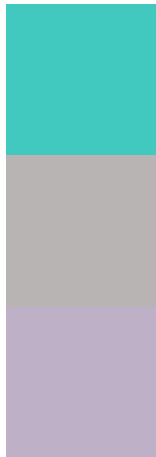


This preview shows how white text looks on a background with the CIELCh color 74, 38.498, 189.229.

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, 38.498, 189.229

Protanopia

74, 1.587, 39.101

Deuteranopia

74, 13.033, 314.134



Tritanopia
74, 33.875, 212.101

Trichromacy



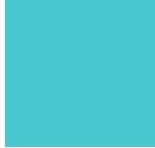
Original Color
74, 38.498, 189.229



Protanomaly
73, 16.581, 190.547



Deuteranomaly
73, 14.677, 222.639

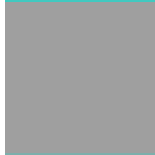


Tritanomaly
74, 34.938, 203.213

Monochromacy



Original Color
74, 38.498, 189.229



Achromatopsia
65, 0.008, 296.813



Achromatomaly
68, 17.232, 192.443

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 38.498, 189.229 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(65, 201, 192)` looks like.

```
.text, #text, p{  
    color:rgb(65, 201, 192)  
}
```

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(65, 201, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 201, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 38.498, 189.229 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(65, 201, 192) }
```

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

```
.border{ border-color:rgb(65, 201, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 201, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 201, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 201, 192);  
box-shadow:4px 4px 4px 4px rgb(65, 201,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 38.498, 189.229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 201, 192) }
```

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

```
.background{ background-color: rgb(65, 201,  
192) }
```

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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