

Converting Colors

CIELCh(74, 30.403, 197.523)

Have a look what the booklet for
CIELCh(74, 30.403, 197.523)
contains.

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Color

CIELCh(74, 30.339, 198.200)

Conversions

Conversions Part 1

Format	Color
Hex	61C5C6
RGB	97, 197, 198
RGB Percent	38%, 77%, 78%
CMY	0.6185, 0.2264, 0.2225
CMYK	0.51, 0.01, 0.00, 0.22
HSL	181°, 47%, 58%
HSV	181°, 51%, 78%
XYZ	35.2136, 46.7039, 60.7494
YIQ	167.2140, -59.9210, -20.8890

Conversions

Conversions Part 2

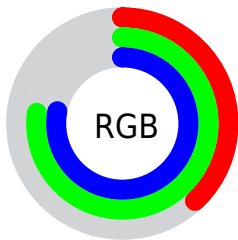
Format	Color
RYB	97, 147, 198
Decimal	6407622
CIELab	74.00, -28.82, -9.48
CIELCh	74, 30.339, 198.200
Yxy	46.7039, 0.2468, 0.3274
Android (android.graphics.Color)	4284597702 (0xFF61C5C6)
YUV	167.2140, 15.1775, -61.5777
Hunter-Lab	68.3403, -27.6201, -4.8662

Details

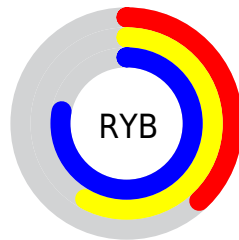
The CIELCh color **74, 30.339, 198.200** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **54, 44.114, 25.886**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 30.332, 198.532**, and **54, 30.445, 197.683** is the 20% darker color. If you saturate the color by 10%, you get **73, 34.169, 197.991**, and if you desaturate by 10%, it is **75, 25.675, 198.482**.

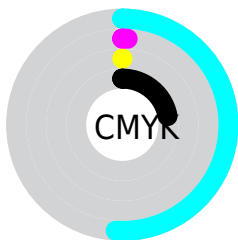
Distribution



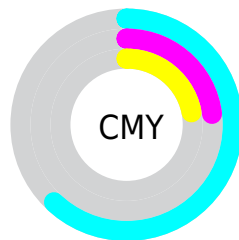
- Red (38%)
- Green (77%)
- Blue (78%)



- Red (38%)
- Yellow (58%)
- Blue (78%)



- Cyan (51%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)





- Cyan (62%)
- Magenta (23%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 30.339, 198.200 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, 30.339, 198.200 by changing the saturation by 10% instead.


 74, 30.339,
198.200


 74, 30.339,
198.200


 100, 30.339,
198.200


 64, 30.339,
198.200


 94, 30.339,
198.200

 54, 30.339,
198.200

 44, 30.339,
198.200

 34, 30.339,
198.200

 24, 30.339,
198.200

 14, 30.339,
198.200

 4, 30.339, 198.200

0, 30.339, 198.200

74, 30.339,
198.200

74, 30.339,
198.200

73, 34.169,
197.991

75, 25.675,
198.482

73, 37.111,
197.863

76, 20.266,
198.836

72, 39.156,
197.817

77, 14.218,
199.258

72, 40.352,
197.850

78, 7.646, 199.753

72, 40.883,
197.932

80, 0.665, 201.014

81, 6.624, 20.645

83, 14.129, 21.255

■ 85, 21.415, 21.838

■ 85, 21.345, 22.104

Harmonies

Complementary

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



74, 30.339, 198.200



54, 44.114, 25.886

Rectangle

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



74, 30.339, 198.200



74, 30.339, 248.200



74, 30.339, 18.200



74, 30.339, 68.200

Sweetspot

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



74, 30.339, 198.198



97, 12.721, 199.529



72, 64.834, 140.274



52, 8.624, 199.425



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, 30.339, 198.198



92, 41.693, 197.975



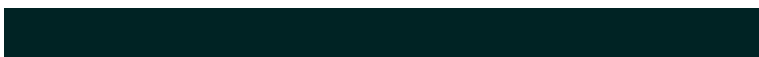
60, 31.392, 265.120



41, 3.994, 199.840



60, 35.391, 197.910



12, 12.843, 197.570

Inverse Universe

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



57, 64.045, 327.358



68, 90.991, 327.805



65, 36.383, 69.062



39, 7.333, 325.196



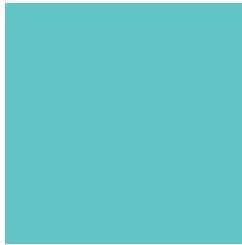
39, 82.130, 328.624



4, 26.519, 327.342

Previews

White Background



This preview shows how the CIE LCh color 74, 30.339, 198.200 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 CIE LCh color 74, 30.339, 198.200 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, 30.339, 198.200

Background



This preview shows how black text looks on a background with the CIELCh color 74, 30.339, 198.200.

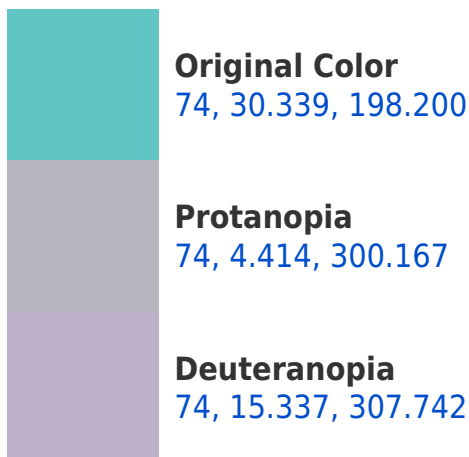


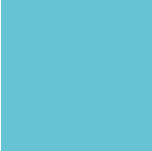
This preview shows how white text looks on a background with the CIELCh color 74, 30.339, 198.200.

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, 28.524, 215.366

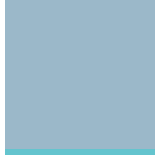
Trichromacy



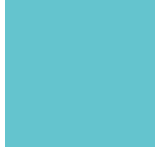
Original Color
74, 30.339, 198.200



Protanomaly
73, 12.497, 213.708



Deuteranomaly
73, 13.321, 242.901



Tritanomaly
74, 29.000, 208.231

Monochromacy



Original Color
74, 30.339, 198.200



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 12.750, 198.397

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 30.339, 198.200 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(97, 197, 198)` looks like.

```
.text, #text, p{  
    color:rgb(97, 197, 198)  
}
```

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(97, 197, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 197, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 30.339, 198.200 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(97, 197, 198) }
```

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

```
.border{ border-color:rgb(97, 197, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 197, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 197, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 197, 198);  
box-shadow:4px 4px 4px 4px rgb(97, 197,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 30.339, 198.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 197, 198) }
```

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

```
.background{ background-color: rgb(97, 197,  
198) }
```

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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