

Converting Colors

CIELCh(74, 31.004, 197.950)

Have a look what the booklet for
CIELCh(74, 31.004, 197.950)
contains.

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Color

CIELCh(74, 31.100, 197.113)

Conversions

Conversions Part 1

Format	Color
Hex	5FC6C6
RGB	95, 198, 198
RGB Percent	37%, 78%, 78%
CMY	0.6289, 0.2249, 0.2249
CMYK	0.52, 0.00, 0.00, 0.22
HSL	180°, 47%, 57%
HSV	180°, 52%, 78%
XYZ	34.9489, 46.7039, 60.3909
YIQ	167.2030, -61.3880, -21.8360

Conversions

Conversions Part 2

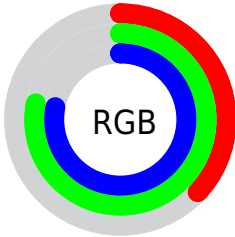
Format	Color
R_{YB}	95, 147, 198
Decimal	6276806
CIE _{Lab}	74.00, -29.72, -9.15
CIE _{LCh}	74, 31.100, 197.113
Yxy	46.7039, 0.2460, 0.3288
Android (android.graphics.Color)	4284466886 (0xFF5FC6C6)
YUV	167.2030, 15.1829, -63.3220
Hunter-Lab	68.3403, -28.3113, -4.5552

Details

The CIELCh color **74, 31.100, 197.113** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **53, 45.527, 25.541**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **94, 31.155, 197.500**, and **54, 31.261, 196.516** is the 20% darker color. If you saturate the color by 10%, you get **73, 34.870, 196.842**, and if you desaturate by 10%, it is **75, 26.487, 197.445**.

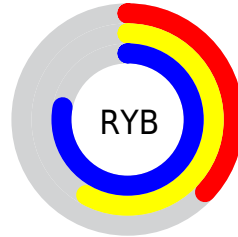
Distribution



Red (37%)

Green (78%)

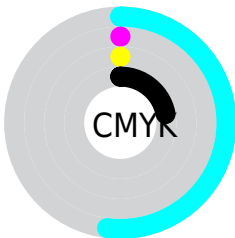
Blue (78%)



Red (37%)

Yellow (58%)

Blue (78%)

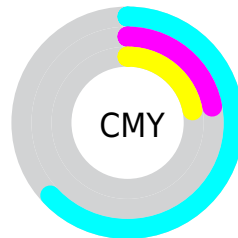


Cyan (52%)

Magenta (0%)

Yellow (0%)

Black (22%)



Cyan (63%)


Magenta (22%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 31.100, 197.113 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, 31.100, 197.113 by changing the saturation by 10% instead.


 74, 31.100,
197.113

 74, 31.100,
197.113


 100, 31.100,
197.113


 64, 31.100,
197.113


 94, 31.100,
197.113

 54, 31.100,
197.113

 44, 31.100,
197.113

 34, 31.100,
197.113

 24, 31.100,
197.113

 14, 31.100,
197.113

 4, 31.100, 197.113

0, 31.100, 197.113

74, 31.100,
197.113

74, 31.100,
197.113

73, 34.870,
196.842

75, 26.487,
197.445

73, 37.749,
196.640

76, 21.114,
197.841

73, 39.735,
196.501

77, 15.086,
198.298

72, 40.887,
196.421

78, 8.519, 198.819

72, 41.369,
196.388

79, 1.527, 199.647

81, 5.783, 19.761

83, 13.319, 20.405

■ 85, 21.001, 21.029

■ 85, 21.878, 21.100

Harmonies

Complementary

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



74, 31.100, 197.113



53, 45.527, 25.541

Rectangle

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



74, 31.100, 197.113



74, 31.100, 247.113



74, 31.100, 17.113



74, 31.100, 67.113

Sweetspot

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



74, 31.100, 197.111



97, 13.667, 198.595



72, 66.031, 140.143



52, 9.169, 198.486



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, 31.100, 197.111



92, 42.961, 196.800



59, 32.014, 265.461



41, 4.034, 198.980



61, 35.888, 196.388



12, 12.983, 196.388

Inverse Universe

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



56, 65.618, 327.121



67, 93.843, 327.574



64, 37.235, 68.910



39, 7.382, 324.932



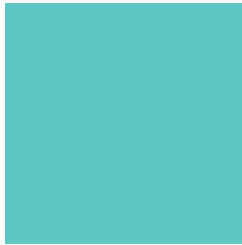
39, 82.759, 328.233



4, 26.742, 327.026

Previews

White Background



This preview shows how the CIE LCh color 74, 31.100, 197.113 looks on a white background.

Color Contrast Check

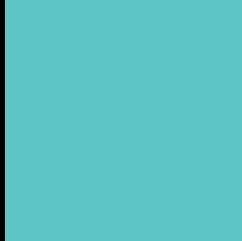
Large Text (above 18pt) WCAG AA × Fail

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, 31.100, 197.113 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

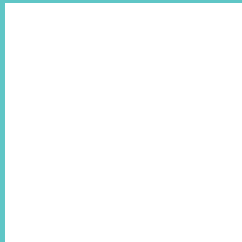
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 31.100, 197.113

Background



This preview shows how black text looks on a background with the CIELCh color 74, 31.100, 197.113.

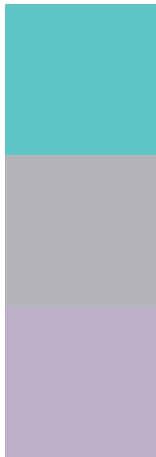


This preview shows how white text looks on a background with the CIELCh color 74, 31.100, 197.113.

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, 31.100, 197.113

Protanopia
74, 3.881, 301.470

Deuteranopia
74, 14.819, 308.315



Tritanopia
74, 29.103, 213.807

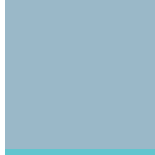
Trichromacy



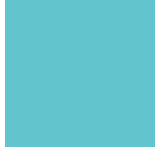
Original Color
74, 31.100, 197.113



Protanomaly
73, 12.732, 210.862



Deuteranomaly
73, 13.228, 240.049

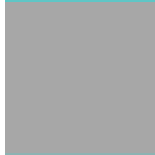


Tritanomaly
74, 29.662, 206.852

Monochromacy



Original Color
74, 31.100, 197.113



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 13.080, 198.369

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 31.100, 197.113 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(95, 198, 198)` looks like.

```
.text, #text, p{  
    color:rgb(95, 198, 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(95, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 198, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 31.100, 197.113 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(95, 198, 198) }
```

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

```
.border{ border-color:rgb(95, 198, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 198, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 198, 198);  
box-shadow:4px 4px 4px 4px rgb(95, 198,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 31.100, 197.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 198, 198) }
```

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

```
.background{ background-color: rgb(95, 198,  
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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