

Converting Colors

CIELCh(74, 18.114, 198.038)

Have a look what the booklet for
CIELCh(74, 18.114, 198.038)
contains.

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Color

CIELCh(74, 18.342, 198.018)

Conversions

Conversions Part 1

Format	Color
Hex	8AC0C0
RGB	138, 192, 192
RGB Percent	54%, 75%, 75%
CMY	0.4602, 0.2485, 0.2485
CMYK	0.28, 0.00, 0.00, 0.25
HSL	180°, 30%, 65%
HSV	180°, 28%, 75%
XYZ	38.6681, 46.7039, 56.6370
YIQ	175.8540, -32.1840, -11.4480

Conversions

Conversions Part 2

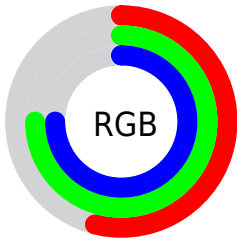
Format	Color
RYB	138, 165, 192
Decimal	9093312
CIELab	74.00, -17.44, -5.67
CIELCh	74, 18.342, 198.018
Yxy	46.7039, 0.2723, 0.3289
Android (android.graphics.Color)	4287283392 (0xFF8AC0C0)
YUV	175.8540, 7.9600, -33.1980
Hunter-Lab	68.3403, -18.5972, -1.2983

Details

The CIELCh color **74, 18.342, 198.018** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63, 22.176, 21.668**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 18.515, 196.653**, and **54, 18.051, 199.517** is the 20% darker color. If you saturate the color by 10%, you get **73, 23.852, 197.594**, and if you desaturate by 10%, it is **75, 12.241, 198.494**.

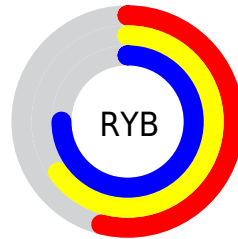
Distribution



Red (54%)

Green (75%)

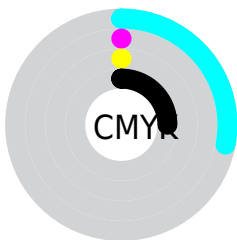
Blue (75%)



Red (54%)

Yellow (65%)

Blue (75%)

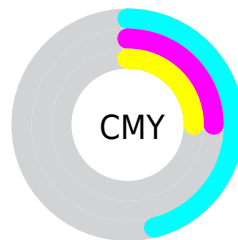


Cyan (28%)

Magenta (0%)

Yellow (0%)

Black (25%)



Cyan (46%)


Magenta (25%)


Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 18.342, 198.018 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, 18.342, 198.018 by changing the saturation by 10% instead.

 74, 18.342,
198.018


 74, 18.342,
198.018


 100, 18.342,
198.018


 64, 18.342,
198.018


 94, 18.342,
198.018

 54, 18.342,
198.018

 44, 18.342,
198.018

 34, 18.342,
198.018

 24, 18.342,
198.018

 14, 18.342,
198.018

 4, 18.342, 198.018

0, 18.342, 198.018

74, 18.342,
198.018

74, 18.342,
198.018

73, 23.852,
197.594

75, 12.241,
198.494

72, 28.661,
197.235

76, 5.659, 199.054

72, 32.680,
196.940

78, 1.295, 19.093

79, 8.520, 20.019

71, 35.845,
196.711

81, 15.933, 20.646

71, 38.135,
196.546

83, 23.461, 21.269

83, 24.395, 21.346

71, 39.583,
196.443

83, 24.395, 21.345

■ 70, 40.320,
196.391

■ 83, 24.395, 21.345

■ 70, 40.427,
196.383

Harmonies

Complementary

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



74, 18.342, 198.018



63, 22.176, 21.668

Rectangle

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



74, 18.342, 198.018



74, 18.342, 248.018



74, 18.342, 18.018



74, 18.342, 68.018

Sweetspot

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



74, 18.342, 198.014



97, 6.872, 199.057



73, 35.508, 142.124



51, 4.864, 198.962



99, 0.012, 296.813



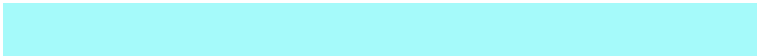
52, 0.007, 296.813

Same Dimension

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



74, 18.342, 198.014



93, 26.774, 197.739



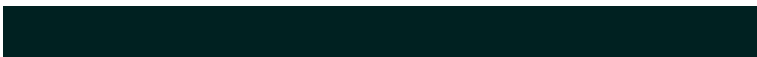
67, 16.931, 257.859



40, 3.949, 198.979



60, 35.475, 196.383



11, 12.444, 196.390

Inverse Universe

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



63, 22.176, 21.668



76, 33.982, 22.467



69, 18.430, 70.188



38, 4.188, 19.918



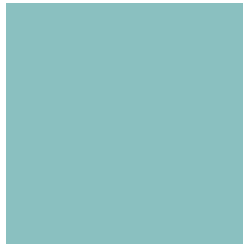
33, 73.727, 39.723



3, 13.999, 19.404

Previews

White Background



This preview shows how the CIE LCh color 74, 18.342, 198.018 looks on a white background.

Color Contrast Check

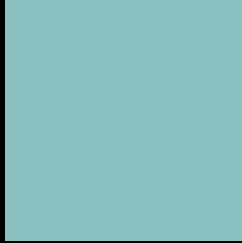
Large Text (above 18pt) WCAG AA × Fail

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, 18.342, 198.018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

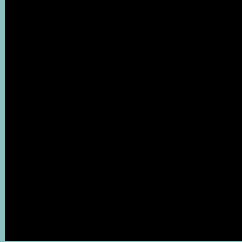
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

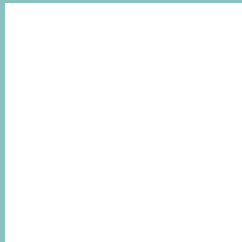
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 18.342, 198.018

Background



This preview shows how black text looks on a background with the CIELCh color 74, 18.342, 198.018.

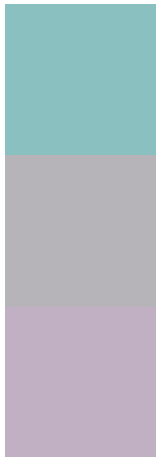


This preview shows how white text looks on a background with the CIELCh color 74, 18.342, 198.018.

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

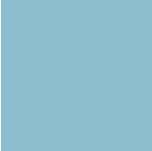
74, 18.342, 198.018

Protanopia

74, 2.948, 312.545

Deuteranopia

74, 12.090, 322.014



Tritanopia
74, 17.828, 225.604

Trichromacy



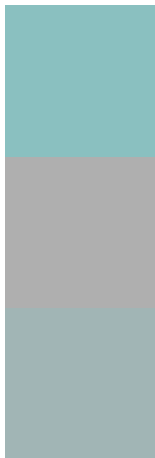
Original Color
74, 18.342, 198.018

Protanomaly
74, 6.307, 213.990

Deuteranomaly
74, 7.193, 264.233

Tritanomaly
74, 17.549, 214.419

Monochromacy



Original Color
74, 18.342, 198.018

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 7.250, 198.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 18.342, 198.018 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(138, 192, 192)` looks like.

```
.text, #text, p{  
    color:rgb(138, 192, 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(138, 192, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 192, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 18.342, 198.018 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(138, 192, 192) }
```

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

```
.border{ border-color:rgb(138, 192, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 192, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 192, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 192, 192);  
box-shadow:4px 4px 4px 4px rgb(138, 192,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 18.342, 198.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 192, 192) }
```

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

```
.background{ background-color: rgb(138,  
192, 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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