

Converting Colors

CIELCh(74, 22.363, 174.117)

Have a look what the booklet for
CIELCh(74, 22.363, 174.117)
contains.

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Color

CIELCh(74, 21.998, 174.440)

Conversions

Conversions Part 1

Format	Color
Hex	88C1B1
RGB	136, 193, 177
RGB Percent	53%, 76%, 69%
CMY	0.4656, 0.2420, 0.3048
CMYK	0.29, 0.00, 0.08, 0.24
HSL	163°, 32%, 65%
HSV	163°, 29%, 76%
XYZ	37.2908, 46.7039, 48.7859
YIQ	174.1330, -28.8360, -17.0600

Conversions

Conversions Part 2

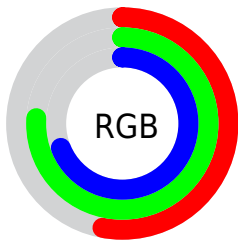
Format	Color
RYB	136, 169, 193
Decimal	8962481
CIELab	74.00, -21.89, 2.13
CIElCh	74, 21.998, 174.440
Yxy	46.7039, 0.2808, 0.3517
Android (android.graphics.Color)	4287152561 (0xFF88C1B1)
YUV	174.1330, 1.4134, -33.4426
Hunter-Lab	68.3403, -22.1946, 5.5130

Details

The CIELCh color **74, 21.998, 174.440** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63, 24.142, 0.548**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 22.001, 174.510**, and **54, 21.993, 173.994** is the 20% darker color. If you saturate the color by 10%, you get **73, 28.833, 173.295**, and if you desaturate by 10%, it is **75, 14.770, 175.495**.

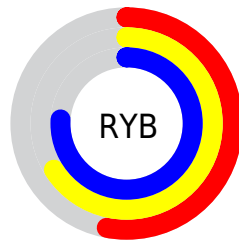
Distribution



Red (53%)

Green (76%)

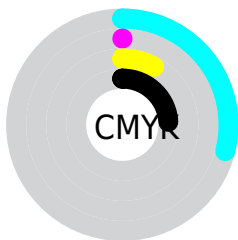
Blue (69%)



Red (53%)

Yellow (66%)

Blue (76%)

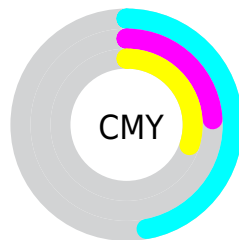


Cyan (29%)

Magenta (0%)

Yellow (8%)

Black (24%)



Cyan (47%)


Magenta (24%)


Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 21.998, 174.440 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, 21.998, 174.440 by changing the saturation by 10% instead.


 74, 21.998,
174.440

 74, 21.998,
174.440


 100, 21.998,
174.440


 64, 21.998,
174.440


 94, 21.998,
174.440

 54, 21.998,
174.440

 44, 21.998,
174.440

 34, 21.998,
174.440

 24, 21.998,
174.440

 14, 21.998,
174.440

 4, 21.998, 174.440

0, 21.998, 174.440

74, 21.998,
174.440

74, 21.998,
174.440

73, 28.833,
173.295

75, 14.770,
175.495

72, 35.146,
172.046

77, 7.270, 176.501

71, 40.814,
170.665

78, 0.393, 356.148

80, 8.126, 358.150

71, 45.741,
169.128

82, 15.856,
358.996

70, 49.869,
167.413

84, 23.524,
359.785

70, 53.202,
165.504

84, 25.435,
354.691

■ 70, 55.897,
163.447

■ 84, 26.657,
349.106

■ 70, 56.029,
163.345

■ 84, 28.126,
344.083

Harmonies

Complementary

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



74, 21.998, 174.440



63, 24.142, 0.548

Rectangle

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



74, 21.998, 174.440



74, 21.998, 224.440



74, 21.998, 354.440



74, 21.998, 44.440

Sweetspot

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



74, 21.999, 174.438



97, 8.561, 176.537



74, 34.405, 134.844



52, 5.990, 176.387



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, 21.999, 174.438



93, 32.030, 173.756



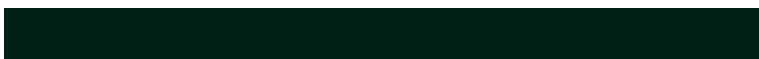
71, 16.249, 223.037



40, 4.350, 176.514



59, 48.619, 163.664



10, 15.389, 169.416

Inverse Universe

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



63, 24.142, 0.548



77, 35.876, 1.442



65, 19.834, 40.908



38, 4.476, 358.129



33, 62.429, 22.158



3, 14.543, 4.448

Previews

White Background



This preview shows how the CIELCh color 74, 21.998, 174.440 looks on a white background.

Color Contrast Check

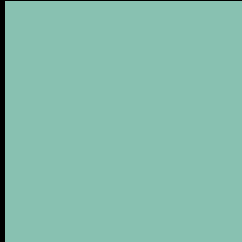
Large Text (above 18pt) WCAG AA × Fail

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, 21.998, 174.440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

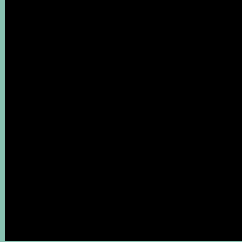
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

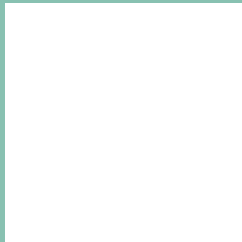
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 21.998, 174.440

Background



This preview shows how black text looks on a background with the CIELCh color 74, 21.998, 174.440.

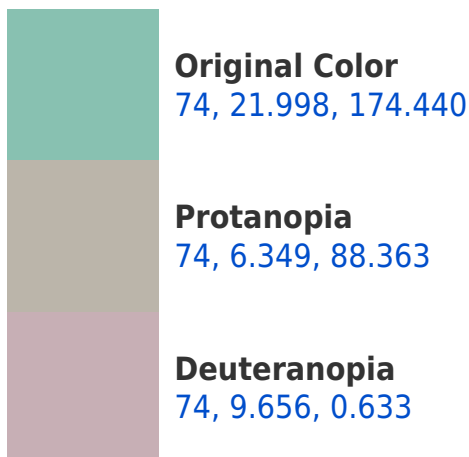


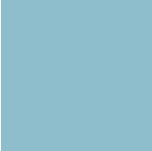
This preview shows how white text looks on a background with the CIELCh color 74, 21.998, 174.440.

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](#).

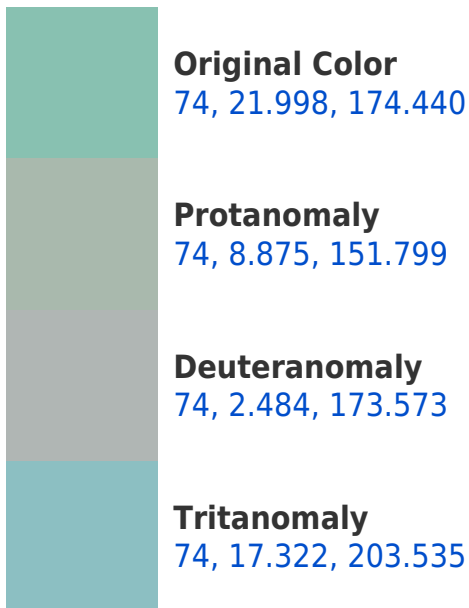
Dichromacy



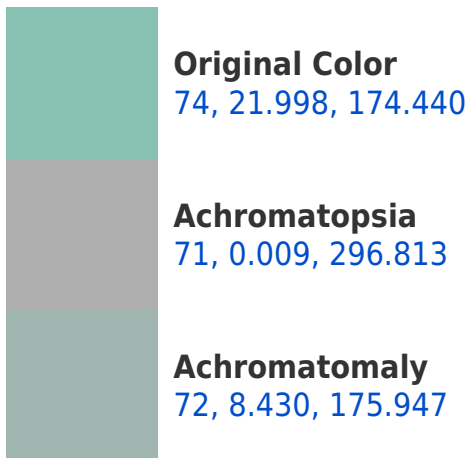


Tritanopia
74, 17.307, 226.555

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 21.998, 174.440 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(136, 193, 177)` looks like.

```
.text, #text, p{  
    color:rgb(136, 193, 177)  
}
```

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(136, 193, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 193, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 21.998, 174.440 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(136, 193, 177) }
```

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

```
.border{ border-color:rgb(136, 193, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 193, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 193, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 193, 177);  
box-shadow:4px 4px 4px 4px rgb(136, 193,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 21.998, 174.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 193, 177) }
```

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

```
.background{ background-color: rgb(136,  
193, 177) }
```

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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