

Converting Colors

CIELCh(74, 26.923, 197.400)

Have a look what the booklet for
CIELCh(74, 26.923, 197.400)
contains.

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Color

CIELCh(74, 26.923, 197.400)

Conversions

Conversions Part 1

Format	Color
Hex	6FC4C4
RGB	111, 196, 196
RGB Percent	44%, 77%, 77%
CMY	0.5657, 0.2323, 0.2323
CMYK	0.43, 0.00, 0.00, 0.23
HSL	180°, 42%, 60%
HSV	180°, 43%, 77%
XYZ	36.1425, 46.7039, 59.1859
YIQ	170.5850, -50.6600, -18.0200

Conversions

Conversions Part 2

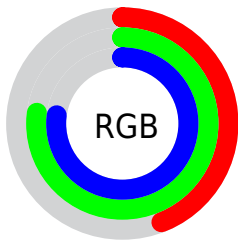
Format	Color
RYB	111, 154, 196
Decimal	7324868
CIELab	74.00, -25.69, -8.05
CIELCh	74, 26.923, 197.400
Yxy	46.7039, 0.2545, 0.3288
Android (android.graphics.Color)	4285514948 (0xFF6FC4C4)
YUV	170.5850, 12.5296, -52.2560
Hunter-Lab	68.3403, -25.1939, -3.5097

Details

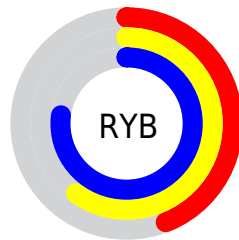
The CIELCh color **74, 26.923, 197.400** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **56, 36.683, 23.842**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 27.034, 197.741**, and **54, 27.046, 196.866** is the 20% darker color. If you saturate the color by 10%, you get **73, 31.398, 197.072**, and if you desaturate by 10%, it is **75, 21.683, 197.786**.

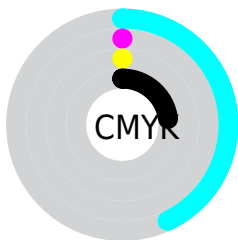
Distribution



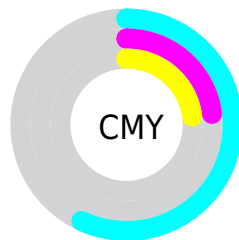
- Red (44%)
- Green (77%)
- Blue (77%)



- Red (44%)
- Yellow (60%)
- Blue (77%)



- Cyan (43%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)



- Cyan (57%)
- Magenta (23%)
- Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 26.923, 197.400 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, 26.923, 197.400 by changing the saturation by 10% instead.

 74, 26.923,
197.400

 74, 26.923,
197.400

 100, 26.923,
197.400


 64, 26.923,
197.400

 94, 26.923,
197.400

 54, 26.923,
197.400

 44, 26.923,
197.400

 34, 26.923,
197.400

 24, 26.923,
197.400

 14, 26.923,
197.400

 4, 26.923, 197.400

0, 26.923, 197.400

74, 26.923,
197.400

74, 26.923,
197.400

73, 31.398,
197.072

75, 21.683,
197.786

73, 35.028,
196.812

76, 15.779,
198.234

72, 37.772,
196.617

77, 9.327, 198.746

72, 39.635,
196.487

79, 2.438, 199.439

72, 40.682,
196.413

80, 4.780, 19.665

72, 41.072,
196.386

82, 12.232, 20.322

84, 19.839, 20.945

■ 84, 22.670, 21.176

■ 84, 22.670, 21.176

Harmonies

Complementary

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



74, 26.923, 197.400



56, 36.683, 23.842

Rectangle

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



74, 26.923, 197.400



74, 26.923, 247.400



74, 26.923, 17.400



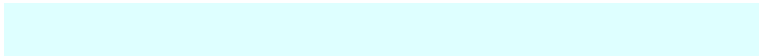
74, 26.923, 67.400

Sweetspot

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



74, 26.923, 197.398



98, 11.202, 198.758



72, 55.097, 140.728



52, 7.789, 198.636



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, 26.923, 197.398



93, 38.011, 197.090



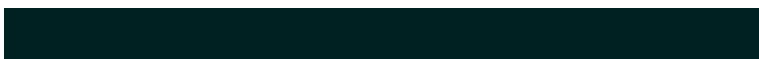
62, 26.161, 261.208



40, 3.949, 198.981



60, 35.475, 196.386



11, 12.444, 196.392

Inverse Universe

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



56, 36.683, 23.842



67, 55.951, 25.686



66, 30.028, 68.328



38, 4.188, 19.920



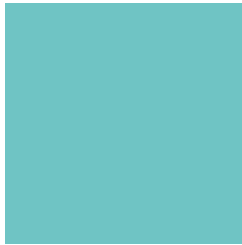
33, 73.727, 39.723



3, 13.999, 19.405

Previews

White Background



This preview shows how the CIE LCh color 74, 26.923, 197.400 looks on a white background.

Color Contrast Check

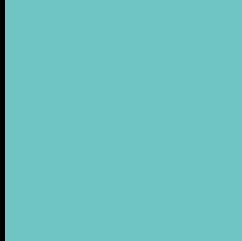
Large Text (above 18pt) WCAG AA × Fail

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, 26.923, 197.400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

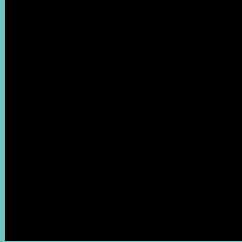
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

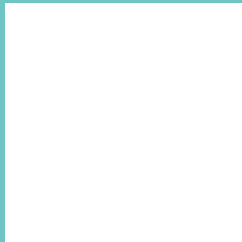
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 26.923, 197.400

Background



This preview shows how black text looks on a background with the CIELCh color 74, 26.923, 197.400.

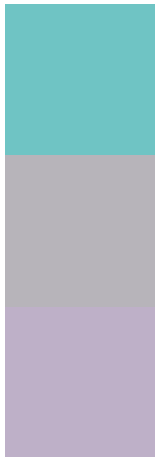


This preview shows how white text looks on a background with the CIELCh color 74, 26.923, 197.400.

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, 26.923, 197.400

Protanopia
74, 3.455, 309.175

Deuteranopia
74, 14.033, 312.423



Tritanopia
74, 25.353, 216.573

Trichromacy



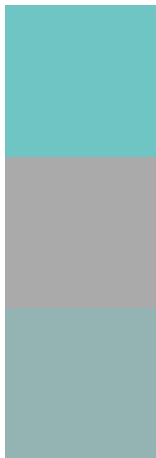
Original Color
74, 26.923, 197.400

Protanomaly
74, 10.399, 210.757

Deuteranomaly
73, 11.008, 246.884

Tritanomaly
74, 25.796, 208.564

Monochromacy



Original Color
74, 26.923, 197.400

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 11.066, 198.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 26.923, 197.400 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(111, 196, 196)` looks like.

```
.text, #text, p{  
    color:rgb(111, 196, 196)  
}
```

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(111, 196, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 196, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 26.923, 197.400 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(111, 196, 196) }
```

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

```
.border{ border-color:rgb(111, 196, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 196, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 196, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 196, 196);  
box-shadow:4px 4px 4px 4px rgb(111, 196,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 26.923, 197.400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 196, 196) }
```

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

```
.background{ background-color: rgb(111,  
196, 196) }
```

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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