

Converting Colors

CIELCh(74, 24.604, 197.563)

Have a look what the booklet for
CIELCh(74, 24.604, 197.563)
contains.

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Color

CIELCh(74, 24.604, 197.563)

Conversions

Conversions Part 1

Format	Color
Hex	77C3C3
RGB	119, 195, 195
RGB Percent	47%, 76%, 76%
CMY	0.5346, 0.2366, 0.2366
CMYK	0.39, 0.00, 0.00, 0.24
HSL	180°, 39%, 61%
HSV	180°, 39%, 76%
XYZ	36.8153, 46.7039, 58.5067
YIQ	172.2760, -45.2960, -16.1120

Conversions

Conversions Part 2

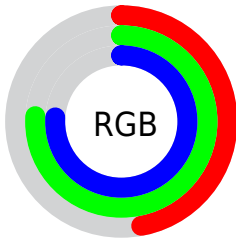
Format	Color
R _Y B	119, 157, 195
Decimal	7848899
CIE Lab	74.00, -23.46, -7.42
CIE LCh	74, 24.604, 197.563
Yxy	46.7039, 0.2592, 0.3288
Android (android.graphics.Color)	4286038979 (0xFF77C3C3)
YUV	172.2760, 11.2029, -46.7231
Hunter-Lab	68.3403, -23.4366, -2.9205

Details

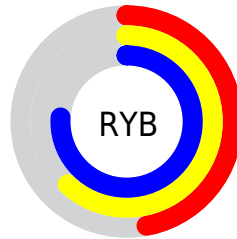
The CIELCh color **74, 24.604, 197.563** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **58, 32.360, 23.124**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 24.572, 197.889**, and **54, 24.587, 197.078** is the 20% darker color. If you saturate the color by 10%, you get **73, 29.406, 197.207**, and if you desaturate by 10%, it is **75, 19.084, 197.975**.

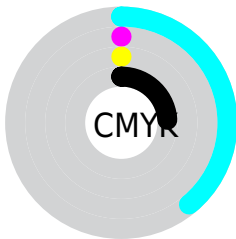
Distribution



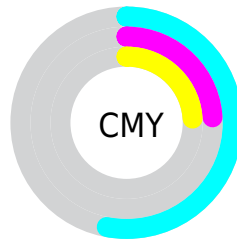
- Red (47%)
- Green (76%)
- Blue (76%)



- Red (47%)
- Yellow (62%)
- Blue (76%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)




- Cyan (53%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 24.604, 197.563 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, 24.604, 197.563 by changing the saturation by 10% instead.

 74, 24.604,
197.563

 74, 24.604,
197.563

 100, 24.604,
197.563


 64, 24.604,
197.563

 94, 24.604,
197.563

 54, 24.604,
197.563

 44, 24.604,
197.563

 34, 24.604,
197.563

 24, 24.604,
197.563

 14, 24.604,
197.563

 4, 24.604, 197.563

■ 0, 24.604, 197.563

■ 74, 24.604,
197.563

■ 74, 24.604,
197.563

■ 73, 29.406,
197.207

■ 75, 19.084,
197.975

■ 73, 33.398,
196.918

■ 76, 12.952,
198.450

■ 72, 36.521,
196.694

■ 77, 6.324, 199.000

■ 79, 0.689, 18.674

■ 72, 38.758,
196.536

■ 80, 7.988, 19.965

■ 72, 40.147,
196.438

■ 82, 15.483, 20.595

■ 71, 40.846,
196.389

■ 84, 23.100, 21.218

■ 71, 40.902,
196.385

■ 84, 23.123, 21.220

■ 84, 23.123, 21.220

Harmonies

Complementary

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



74, 24.604, 197.563



58, 32.360, 23.124

Rectangle

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



74, 24.604, 197.563



74, 24.604, 247.563



74, 24.604, 17.563



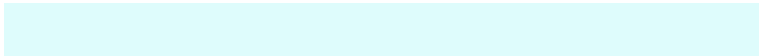
74, 24.604, 67.563

Sweetspot

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



74, 24.604, 197.560



97, 10.285, 198.815



72, 49.541, 141.156



52, 6.853, 198.740



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, 24.604, 197.560



93, 35.048, 197.249



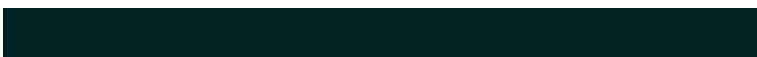
64, 23.520, 260.149



40, 3.949, 198.980



60, 35.475, 196.385



11, 12.444, 196.391

Inverse Universe

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



58, 32.360, 23.124



69, 49.457, 24.628



67, 26.583, 68.864



38, 4.188, 19.920



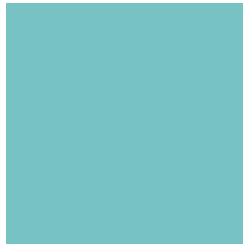
33, 73.727, 39.723



3, 13.999, 19.404

Previews

White Background



This preview shows how the CIELCh color 74, 24.604, 197.563 looks on a white background.

Color Contrast Check

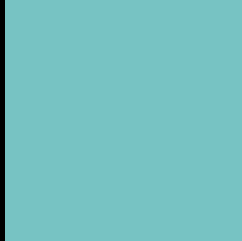
Large Text (above 18pt) WCAG AA × Fail

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, 24.604, 197.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

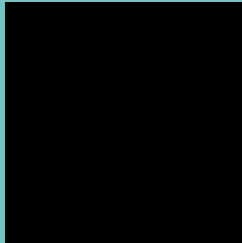
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

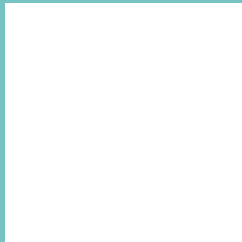
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 24.604, 197.563

Background



This preview shows how black text looks on a background with the CIELCh color 74, 24.604, 197.563.

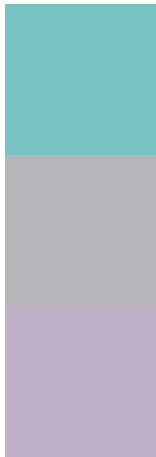


This preview shows how white text looks on a background with the CIELCh color 74, 24.604, 197.563.

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, 24.604, 197.563

Protanopia

74, 3.455, 309.175

Deuteranopia

74, 13.672, 314.668



Tritanopia
74, 23.441, 218.311

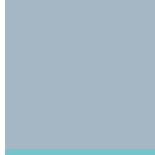
Trichromacy



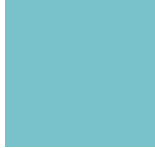
Original Color
74, 24.604, 197.563



Protanomaly
73, 9.087, 212.641



Deuteranomaly
73, 9.744, 250.476

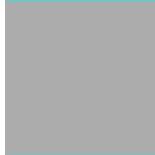


Tritanomaly
74, 23.548, 209.783

Monochromacy



Original Color
74, 24.604, 197.563



Achromatopsia
70, 0.009, 296.813



Achromatomaly
71, 9.693, 198.665

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 24.604, 197.563 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(119, 195, 195)` looks like.

```
.text, #text, p{  
    color:rgb(119, 195, 195)  
}
```

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(119, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 195, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 24.604, 197.563 is called "border". The border property can be set on classes, ids or directly on the HTML element.

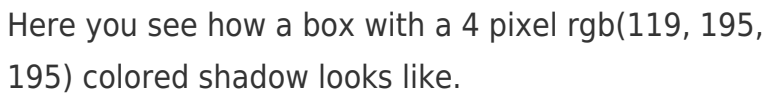
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 195, 195) }
```

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

```
.border{ border-color:rgb(119, 195, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 195, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 195, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 195, 195); box-shadow:4px 4px 4px 4px rgb(119, 195, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 24.604, 197.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 195, 195) }
```

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

```
.background{ background-color: rgb(119,  
195, 195) }
```

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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