

Converting Colors

CIELCh(74, 24.230, 197.420)

Have a look what the booklet for
CIELCh(74, 24.230, 197.420)
contains.

CIELCh(74, 24.072, 197.596)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 24.072, 197.596)

Conversions

Conversions Part 1

Format	Color
Hex	78C2C2
RGB	120, 194, 194
RGB Percent	47%, 76%, 76%
CMY	0.5278, 0.2376, 0.2376
CMYK	0.38, 0.00, 0.00, 0.24
HSL	180°, 38%, 62%
HSV	180°, 38%, 76%
XYZ	36.9704, 46.7039, 58.3479
YIQ	171.8740, -44.1040, -15.6880

Conversions

Conversions Part 2

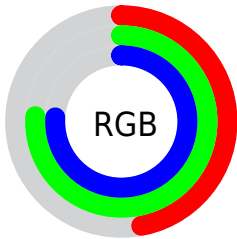
Format	Color
R _Y B	120, 157, 194
Decimal	7914178
CIE Lab	74.00, -22.95, -7.28
CIE LCh	74, 24.072, 197.596
Yxy	46.7039, 0.2603, 0.3288
Android (android.graphics.Color)	4286104258 (0xFF78C2C2)
YUV	171.8740, 10.9081, -45.4935
Hunter-Lab	68.3403, -23.0313, -2.7827

Details

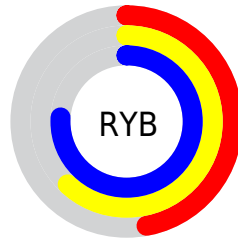
The CIELCh color **74, 24.072, 197.596** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **58, 31.415, 22.972**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 24.087, 196.675**, and **54, 24.124, 197.109** is the 20% darker color. If you saturate the color by 10%, you get **73, 28.943, 197.233**, and if you desaturate by 10%, it is **75, 18.493, 198.014**.

Distribution



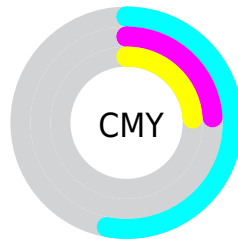
- Red (47%)
- Green (76%)
- Blue (76%)



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



- Cyan (38%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)



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

Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 24.072, 197.596 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, 24.072, 197.596 by changing the saturation by 10% instead.

 74, 24.072,
197.596

 74, 24.072,
197.596


 100, 24.072,
197.596


 64, 24.072,
197.596


 94, 24.072,
197.596

 54, 24.072,
197.596

 44, 24.072,
197.596

 34, 24.072,
197.596

 24, 24.072,
197.596

 14, 24.072,
197.596

 4, 24.072, 197.596

0, 24.072, 197.596

74, 24.072,
197.596

74, 24.072,
197.596

73, 28.943,
197.233

75, 18.493,
198.014

73, 33.014,
196.937

76, 12.315,
198.495

72, 36.220,
196.707

77, 5.651, 199.057

79, 1.387, 19.120

72, 38.541,
196.542

80, 8.701, 20.024

71, 40.009,
196.438

82, 16.203, 20.651

71, 40.751,
196.385

84, 23.228, 21.226

■ 71, 40.864,
196.377

■ 84, 23.228, 21.225

■ 84, 23.228, 21.223

Harmonies

Complementary

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



74, 24.072, 197.596



58, 31.415, 22.972

Rectangle

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



74, 24.072, 197.596



74, 24.072, 247.596



74, 24.072, 17.596



74, 24.072, 67.596

Sweetspot

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



74, 24.072, 197.593



97, 9.453, 198.868



72, 48.296, 141.248



52, 6.380, 198.789



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, 24.072, 197.593



93, 34.486, 197.278



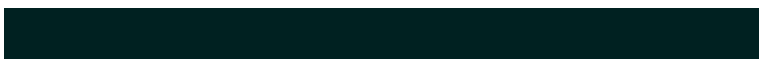
64, 22.932, 259.925



40, 3.949, 198.976



60, 35.476, 196.377



11, 12.444, 196.386

Inverse Universe

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



58, 31.415, 22.972



70, 48.258, 24.431



67, 25.830, 68.983



38, 4.187, 19.915



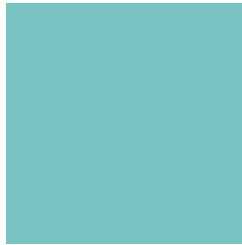
33, 73.725, 39.721



3, 13.999, 19.402

Previews

White Background



This preview shows how the CIELCh color 74, 24.072, 197.596 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, 24.072, 197.596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

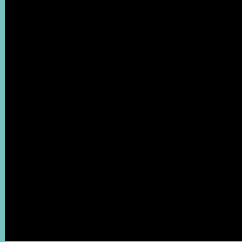
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

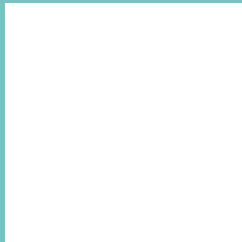
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 24.072, 197.596

Background



This preview shows how black text looks on a background with the CIELCh color 74, 24.072, 197.596.

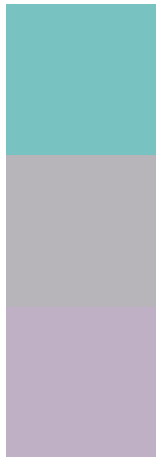


This preview shows how white text looks on a background with the CIELCh color 74, 24.072, 197.596.

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, 24.072, 197.596

Protanopia

74, 3.455, 309.175

Deuteranopia

74, 13.180, 315.604



Tritanopia
74, 22.824, 220.442

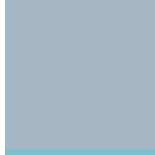
Trichromacy



Original Color
74, 24.072, 197.596



Protanomaly
73, 9.087, 212.641



Deuteranomaly
73, 9.744, 250.476

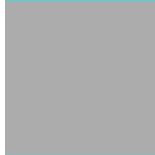


Tritanomaly
74, 22.811, 211.659

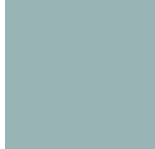
Monochromacy



Original Color
74, 24.072, 197.596



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, 24.072, 197.596 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(120, 194, 194)` looks like.

```
.text, #text, p{  
    color:rgb(120, 194, 194)  
}
```

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(120, 194, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 194, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 24.072, 197.596 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(120, 194, 194) }
```

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

```
.border{ border-color:rgb(120, 194, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 194, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 194, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 194, 194);  
box-shadow:4px 4px 4px 4px rgb(120, 194,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 24.072, 197.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 194, 194) }
```

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

```
.background{ background-color: rgb(120,  
194, 194) }
```

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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