

Converting Colors

CIELCh(74, 24.141, 197.818)

Have a look what the booklet for
CIELCh(74, 24.141, 197.818)
contains.

CIELCh(74, 23.994, 198.914)	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, 23.994, 198.914)

Conversions

Conversions Part 1

Format	Color
Hex	78C2C3
RGB	120, 194, 195
RGB Percent	47%, 76%, 76%
CMY	0.5281, 0.2379, 0.2340
CMYK	0.38, 0.01, 0.00, 0.23
HSL	181°, 39%, 62%
HSV	181°, 38%, 77%
XYZ	37.0456, 46.7039, 58.8889
YIQ	171.9880, -44.4250, -15.3770

Conversions

Conversions Part 2

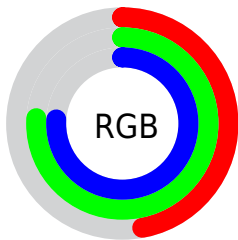
Format	Color
RYB	120, 157, 195
Decimal	7914179
CIELab	74.00, -22.70, -7.78
CIElCh	74, 23.994, 198.914
Yxy	46.7039, 0.2597, 0.3274
Android (android.graphics.Color)	4286104259 (0xFF78C2C3)
YUV	171.9880, 11.3449, -45.5935
Hunter-Lab	68.3403, -22.8350, -3.2521

Details

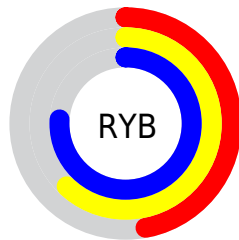
The CIELCh color **74, 23.994, 198.914** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **59, 31.475, 23.944**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 23.957, 199.169**, and **54, 24.016, 198.520** is the 20% darker color. If you saturate the color by 10%, you get **73, 28.782, 198.629**, and if you desaturate by 10%, it is **75, 18.498, 199.266**.

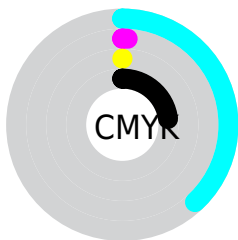
Distribution



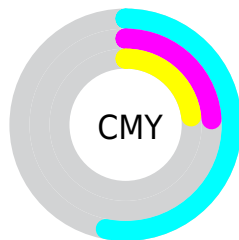
- Red (47%)
- Green (76%)
- Blue (76%)



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



- Cyan (38%)
- Magenta (1%)
- Yellow (0%)
- Black (23%)




- Cyan (53%)
- Magenta (24%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 23.994, 198.914 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, 23.994, 198.914 by changing the saturation by 10% instead.


 74, 23.994,
198.914

 74, 23.994,
198.914


 100, 23.994,
198.914


 64, 23.994,
198.914


 94, 23.994,
198.914

 54, 23.994,
198.914

 44, 23.994,
198.914

 34, 23.994,
198.914

 24, 23.994,
198.914

 14, 23.994,
198.914

 4, 23.994, 198.914

0, 23.994, 198.914

74, 23.994,
198.914

74, 23.994,
198.914

73, 28.782,
198.629

75, 18.498,
199.266

72, 32.767,
198.425

76, 12.403,
199.690

72, 35.888,
198.305

78, 5.820, 200.201

79, 1.139, 20.134

71, 38.120,
198.272

81, 8.377, 21.083

71, 39.497,
198.325

83, 15.808, 21.675

71, 40.154,
198.454

84, 22.547, 22.237

■ 71, 40.236,
198.477

■ 84, 22.455, 22.573

■ 84, 22.363, 22.912

Harmonies

Complementary

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



74, 23.994, 198.914



59, 31.475, 23.944

Rectangle

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



74, 23.994, 198.914



74, 23.994, 248.914



74, 23.994, 18.914



74, 23.994, 68.914

Sweetspot

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



74, 23.994, 198.911



98, 10.228, 199.992



73, 49.137, 141.584



52, 6.760, 199.924



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, 23.994, 198.911



93, 34.267, 198.670



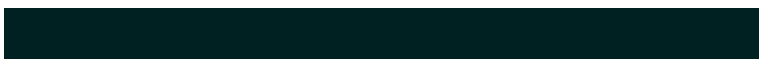
64, 23.631, 261.893



40, 3.896, 200.145



59, 34.818, 198.446



10, 12.257, 197.973

Inverse Universe

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



61, 48.628, 326.858



74, 71.440, 327.264



68, 26.339, 70.658



38, 7.161, 325.287



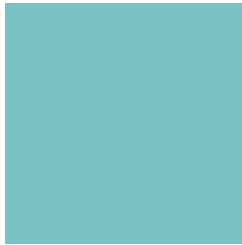
38, 80.969, 328.761



4, 23.921, 326.789

Previews

White Background



This preview shows how the CIELCh color 74, 23.994, 198.914 looks on a white background.

Color Contrast Check

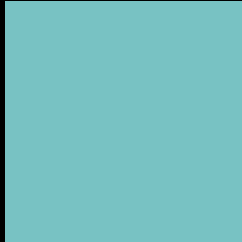
Large Text (above 18pt) WCAG AA × Fail

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, 23.994, 198.914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

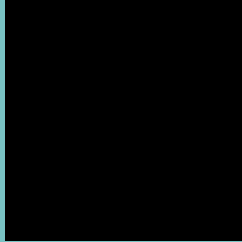
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

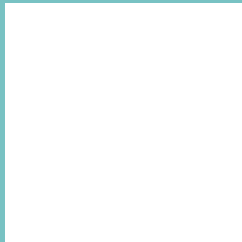
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 23.994, 198.914

Background



This preview shows how black text looks on a background with the CIELCh color 74, 23.994, 198.914.



This preview shows how white text looks on a background with the CIELCh color 74, 23.994, 198.914.

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

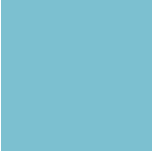
74, 23.994, 198.914

Protanopia

74, 3.972, 306.687

Deuteranopia

74, 13.532, 313.245



Tritanopia
74, 22.824, 220.442

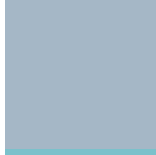
Trichromacy



Original Color
74, 23.994, 198.914



Protanomaly
73, 9.196, 216.001



Deuteranomaly
74, 10.151, 252.570



Tritanomaly
74, 22.811, 211.659

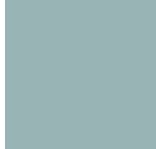
Monochromacy



Original Color
74, 23.994, 198.914



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, 23.994, 198.914 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(120, 194, 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(120, 194, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 194, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 23.994, 198.914 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, 195) }
```

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

```
.border{ border-color:rgb(120, 194, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 194, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 194, 195); box-shadow:4px 4px 4px 4px rgb(120, 194, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 23.994, 198.914 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, 195) }
```

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

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