

Converting Colors

CIELCh(74, 27.063, 179.229)

Have a look what the booklet for
CIELCh(74, 27.063, 179.229)
contains.

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Color

CIELCh(74, 27.280, 178.718)

Conversions

Conversions Part 1

Format	Color
Hex	78C4B4
RGB	120, 196, 180
RGB Percent	47%, 77%, 71%
CMY	0.5298, 0.2318, 0.2946
CMYK	0.39, 0.00, 0.08, 0.23
HSL	167°, 39%, 62%
HSV	167°, 39%, 77%
XYZ	35.6709, 46.7039, 50.2550
YIQ	171.4520, -40.1600, -21.0880

Conversions

Conversions Part 2

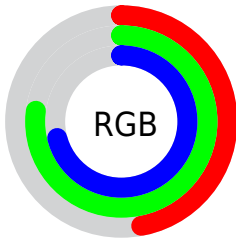
Format	Color
RYB	120, 162, 196
Decimal	7914676
CIELab	74.00, -27.27, 0.61
CIELCh	74, 27.280, 178.718
Yxy	46.7039, 0.2690, 0.3521
Android (android.graphics.Color)	4286104756 (0xFF78C4B4)
YUV	171.4520, 4.2142, -45.1234
Hunter-Lab	68.3403, -26.4255, 4.2385

Details

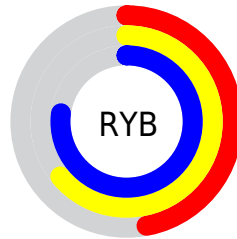
The CIELCh color **74, 27.280, 178.718** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **59, 31.979, 7.169**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 27.348, 178.936**, and **54, 27.385, 178.260** is the 20% darker color. If you saturate the color by 10%, you get **73, 33.211, 177.576**, and if you desaturate by 10%, it is **75, 20.780, 179.775**.

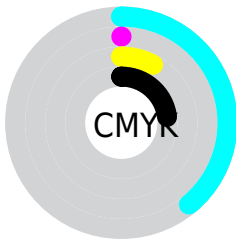
Distribution



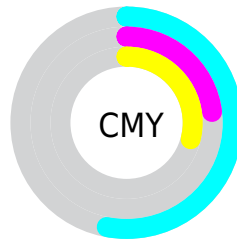
- Red (47%)
- Green (77%)
- Blue (71%)



- Red (47%)
- Yellow (64%)
- Blue (77%)



- Cyan (39%)
- Magenta (0%)
- Yellow (8%)
- Black (23%)





- Cyan (53%)
- Magenta (23%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 27.280, 178.718 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, 27.280, 178.718 by changing the saturation by 10% instead.

 74, 27.280,
178.718

 74, 27.280,
178.718


 100, 27.280,
178.718


 64, 27.280,
178.718


 94, 27.280,
178.718

 54, 27.280,
178.718

 44, 27.280,
178.718

 34, 27.280,
178.718

 24, 27.280,
178.718

 14, 27.280,
178.718

 4, 27.280, 178.718

■ 0, 27.280, 178.718

■ 74, 27.280,
178.718

■ 74, 27.280,
178.718

■ 73, 33.211,
177.576

■ 75, 20.780,
179.775

■ 72, 38.455,
176.333

■ 76, 13.836,
180.773

■ 72, 42.919,
174.965

■ 78, 6.568, 181.744

■ 79, 0.911, 2.006

■ 71, 46.552,
173.448

■ 81, 8.508, 3.343

■ 71, 49.361,
171.762

■ 83, 16.146, 4.186

■ 71, 51.482,
169.928

■ 85, 23.030, 4.367

■ 71, 51.724,
169.710

■ 85, 23.591,
359.288

■ 85, 24.339,
354.494

Harmonies

Complementary

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



74, 27.280, 178.718



59, 31.979, 7.169

Rectangle

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



74, 27.280, 178.718



74, 27.280, 228.718



74, 27.280, 358.718



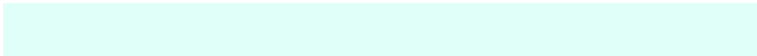
74, 27.280, 48.718

Sweetspot

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



74, 27.281, 178.716



98, 11.051, 181.413



74, 46.523, 136.215



52, 7.317, 181.284



0, 0.000, 0.000



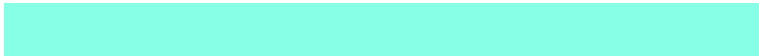
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 27.281, 178.716



93, 39.775, 177.701



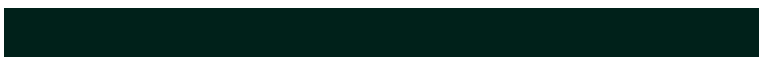
68, 20.702, 233.451



40, 4.193, 181.688



59, 44.479, 170.012



10, 14.476, 175.126

Inverse Universe

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



59, 31.979, 7.169



70, 48.507, 8.867



64, 26.585, 47.678



38, 4.345, 3.259



33, 64.991, 28.008



3, 14.317, 8.069

Previews

White Background



This preview shows how the CIELCh color 74, 27.280, 178.718 looks on a white background.

Color Contrast Check

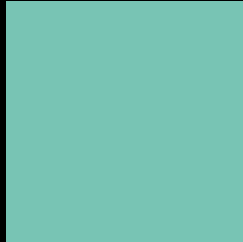
Large Text (above 18pt) WCAG AA × Fail

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, 27.280, 178.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

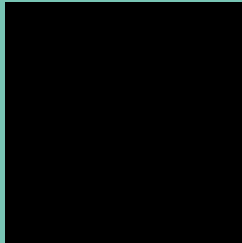
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 27.280, 178.718

Background



This preview shows how black text looks on a background with the CIELCh color 74, 27.280, 178.718.

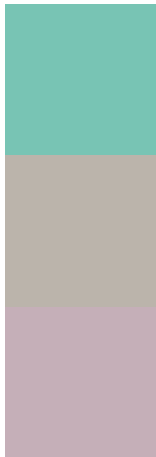


This preview shows how white text looks on a background with the CIELCh color 74, 27.280, 178.718.

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, 27.280, 178.718

Protanopia

74, 5.532, 80.749

Deuteranopia

74, 9.614, 349.826



Tritanopia
74, 21.956, 219.873

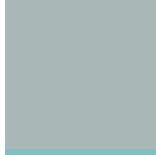
Trichromacy



Original Color
74, 27.280, 178.718



Protanomaly
74, 10.779, 161.512



Deuteranomaly
73, 5.108, 199.091

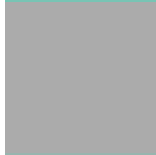


Tritanomaly
74, 22.491, 203.319

Monochromacy



Original Color
74, 27.280, 178.718



Achromatopsia
70, 0.009, 296.813



Achromatomaly
71, 10.766, 180.808

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 27.280, 178.718 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, 196, 180)` looks like.

```
.text, #text, p{  
    color:rgb(120, 196, 180)  
}
```

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, 196, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 196, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 27.280, 178.718 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, 196, 180) }
```

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

```
.border{ border-color:rgb(120, 196, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 196, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 196, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 196, 180);  
box-shadow:4px 4px 4px 4px rgb(120, 196,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 27.280, 178.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 196, 180) }
```

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

```
.background{ background-color: rgb(120,  
196, 180) }
```

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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