

Converting Colors

CIELCh(74, 28.567, 175.548)

Have a look what the booklet for
CIELCh(74, 28.567, 175.548)
contains.

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Color

CIELCh(74, 28.304, 175.841)

Conversions

Conversions Part 1

Format	Color
Hex	77C4B1
RGB	119, 196, 177
RGB Percent	47%, 77%, 69%
CMY	0.5324, 0.2305, 0.3050
CMYK	0.39, 0.00, 0.10, 0.23
HSL	165°, 40%, 62%
HSV	165°, 39%, 77%
XYZ	35.3879, 46.7039, 48.8611
YIQ	170.8110, -39.7930, -22.2330

Conversions

Conversions Part 2

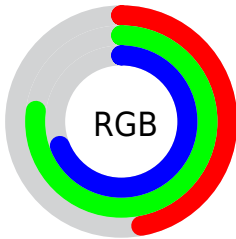
Format	Color
RYB	119, 163, 196
Decimal	7849137
CIELab	74.00, -28.23, 2.05
CIELCh	74, 28.304, 175.841
Yxy	46.7039, 0.2702, 0.3566
Android (android.graphics.Color)	4286039217 (0xFF77C4B1)
YUV	170.8110, 3.0512, -45.4382
Hunter-Lab	68.3403, -27.1647, 5.4478

Details

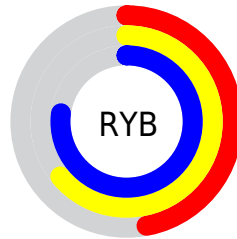
The CIELCh color **74, 28.304, 175.841** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **59, 32.634, 4.535**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 28.315, 176.211**, and **54, 28.183, 176.241** is the 20% darker color. If you saturate the color by 10%, you get **73, 34.464, 174.633**, and if you desaturate by 10%, it is **75, 21.595, 176.949**.

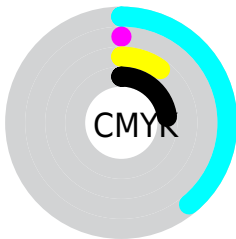
Distribution



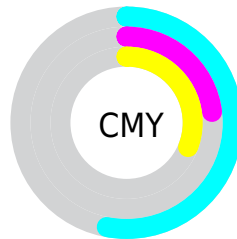
- Red (47%)
- Green (77%)
- Blue (69%)



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



- Cyan (39%)
- Magenta (0%)
- Yellow (10%)
- Black (23%)





- Cyan (53%)
- Magenta (23%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 28.304, 175.841 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, 28.304, 175.841 by changing the saturation by 10% instead.

 74, 28.304,
175.841

 74, 28.304,
175.841


 100, 28.304,
175.841


 64, 28.304,
175.841


 94, 28.304,
175.841

 54, 28.304,
175.841

 44, 28.304,
175.841

 34, 28.304,
175.841

 24, 28.304,
175.841

 14, 28.304,
175.841

 4, 28.304, 175.841

0, 28.304, 175.841

74, 28.304,
175.841

74, 28.304,
175.841

73, 34.464,
174.633

75, 21.595,
176.949

72, 39.953,
173.308

76, 14.464,
177.984

72, 44.677,
171.840

78, 7.033, 178.979

71, 48.580,
170.205

79, 0.586, 358.980

71, 51.669,
168.386

81, 8.299, 0.615

71, 54.095,
166.417

83, 16.030, 1.463

85, 23.152, 1.710

■ 71, 54.272,
166.271

■ 85, 23.947,
355.907

■ 85, 24.986,
350.550

Harmonies

Complementary

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



74, 28.304, 175.841



59, 32.634, 4.535

Rectangle

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



74, 28.304, 175.841



74, 28.304, 225.841



74, 28.304, 355.841



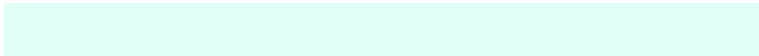
74, 28.304, 45.841

Sweetspot

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



74, 28.305, 175.839



98, 11.261, 178.686



74, 46.629, 135.254



52, 7.458, 178.555



0, 0.000, 0.000



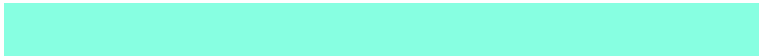
53, 0.007, 296.813

Same Dimension

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



74, 28.305, 175.839



93, 40.893, 174.822



69, 20.934, 228.722



40, 4.270, 178.967



59, 46.575, 166.597



10, 14.937, 172.094

Inverse Universe

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



59, 32.634, 4.535



70, 48.702, 6.126



63, 27.349, 44.279



38, 4.409, 0.569



33, 63.583, 25.075



3, 14.426, 6.183

Previews

White Background



This preview shows how the CIE LCh color 74, 28.304, 175.841 looks on a white background.

Color Contrast Check

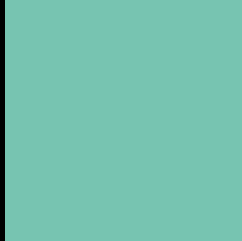
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 74, 28.304, 175.841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

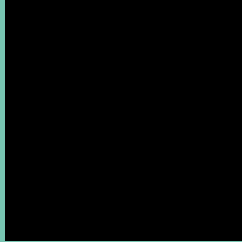
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

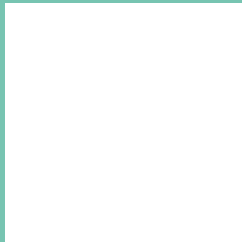
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 28.304, 175.841

Background



This preview shows how black text looks on a background with the CIELCh color 74, 28.304, 175.841.

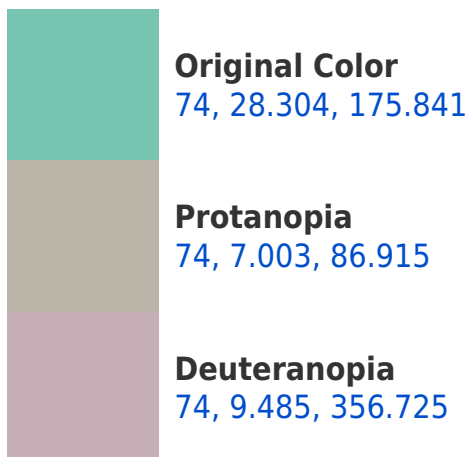


This preview shows how white text looks on a background with the CIELCh color 74, 28.304, 175.841.

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](#).

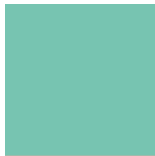
Dichromacy





Tritanopia
74, 21.956, 219.873

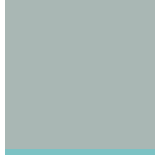
Trichromacy



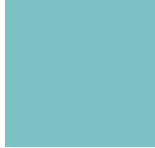
Original Color
74, 28.304, 175.841



Protanomaly
73, 12.147, 156.534



Deuteranomaly
73, 5.421, 181.576

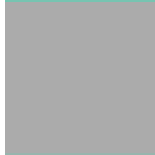


Tritanomaly
74, 22.845, 200.443

Monochromacy



Original Color
74, 28.304, 175.841



Achromatopsia
70, 0.009, 296.813



Achromatomaly
71, 10.976, 178.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 28.304, 175.841 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, 196, 177)` looks like.

```
.text, #text, p{  
    color:rgb(119, 196, 177)  
}
```

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, 196, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 196, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 28.304, 175.841 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, 196, 177) }
```

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

```
.border{ border-color:rgb(119, 196, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 196, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 196, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 196, 177);  
box-shadow:4px 4px 4px 4px rgb(119, 196,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 28.304, 175.841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 196, 177) }
```

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

```
.background{ background-color: rgb(119,  
196, 177) }
```

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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