

Converting Colors

CIELCh(74, 37.073, 156.911)

Have a look what the booklet for
CIELCh(74, 37.073, 156.911)
contains.

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Color

CIELCh(74, 37.073, 156.911)

Conversions

Conversions Part 1

Format	Color
Hex	77C69A
RGB	119, 198, 154
RGB Percent	47%, 78%, 60%
CMY	0.5329, 0.2231, 0.3957
CMYK	0.40, 0.00, 0.22, 0.22
HSL	147°, 41%, 62%
HSV	147°, 40%, 78%
XYZ	33.6825, 46.7039, 37.8564
YIQ	169.3630, -32.9600, -30.4320

Conversions

Conversions Part 2

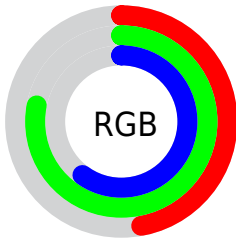
Format	Color
RYB	119, 174, 198
Decimal	7849626
CIELab	74.00, -34.10, 14.54
CIElCh	74, 37.073, 156.911
Yxy	46.7039, 0.2849, 0.3950
Android (android.graphics.Color)	4286039706 (0xFF77C69A)
YUV	169.3630, -7.5740, -44.1684
Hunter-Lab	68.3403, -31.6193, 14.9951

Details

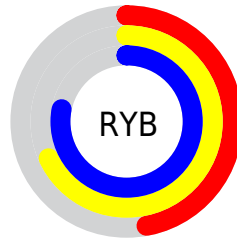
The CIELCh color **74, 37.073, 156.911** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **60, 38.342, 344.354**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 37.190, 156.700**, and **54, 37.257, 156.943** is the 20% darker color. If you saturate the color by 10%, you get **73, 45.705, 155.621**, and if you desaturate by 10%, it is **75, 28.027, 158.045**.

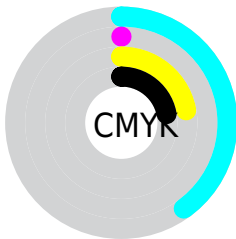
Distribution



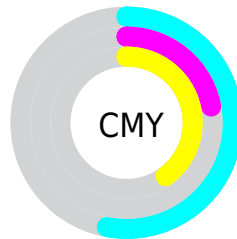
- Red (47%)
- Green (78%)
- Blue (60%)



- Red (47%)
- Yellow (68%)
- Blue (78%)



- Cyan (40%)
- Magenta (0%)
- Yellow (22%)
- Black (22%)





- Cyan (53%)
- Magenta (22%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 37.073, 156.911 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, 37.073, 156.911 by changing the saturation by 10% instead.


 74, 37.073,
156.911


 74, 37.073,
156.911


 100, 37.073,
156.911


 64, 37.073,
156.911


 94, 37.073,
156.911

 54, 37.073,
156.911

 44, 37.073,
156.911

 34, 37.073,
156.911

 24, 37.073,
156.911

 14, 37.073,
156.911

 4, 37.073, 156.911

■ 0, 37.073, 156.911

■ 74, 37.073,
156.911

■ 74, 37.073,
156.911

■ 73, 45.705,
155.621

■ 75, 28.027,
158.045

■ 72, 53.758,
154.152

■ 77, 18.722,
159.050

■ 71, 61.086,
152.485

■ 78, 9.300, 159.958

■ 80, 0.120, 337.520

■ 71, 67.581,
150.610

■ 82, 9.446, 341.385

■ 71, 73.197,
148.538

■ 84, 18.610,
342.056

■ 70, 78.047,
146.366

■ 86, 26.799,
341.190

■ 70, 78.103,
146.341

■ 86, 30.634,
332.753

■ 86, 35.020,
326.429

Harmonies

Complementary

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



74, 37.073, 156.911



60, 38.342, 344.354

Rectangle

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



74, 37.073, 156.911



74, 37.073, 206.911



74, 37.073, 336.911



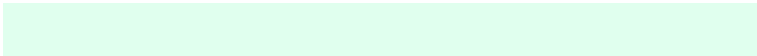
74, 37.073, 26.911

Sweetspot

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



74, 37.074, 156.910



97, 13.872, 159.755



76, 43.659, 124.763



52, 9.203, 159.637



0, 0.000, 0.000



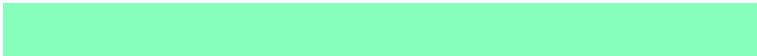
53, 0.007, 296.813

Same Dimension

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



74, 37.074, 156.910



92, 54.092, 155.779



75, 25.993, 191.124



41, 5.355, 160.001



59, 67.140, 146.686



11, 20.942, 153.637

Inverse Universe

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



60, 38.342, 344.354



71, 56.099, 345.429



59, 33.196, 18.288



39, 5.408, 341.397



35, 61.633, 356.328



4, 18.474, 349.470

Previews

White Background



This preview shows how the CIELCh color 74, 37.073, 156.911 looks on a white background.

Color Contrast Check

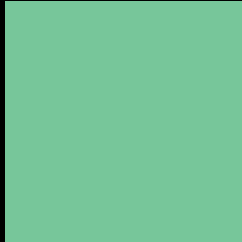
Large Text (above 18pt) WCAG AA × Fail

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, 37.073, 156.911 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, 37.073, 156.911

Background



This preview shows how black text looks on a background with the CIELCh color 74, 37.073, 156.911.



This preview shows how white text looks on a background with the CIELCh color 74, 37.073, 156.911.

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, 37.073, 156.911

Protanopia
74, 19.351, 95.097

Deuteranopia
73, 15.172, 52.311



Tritanopia
74, 20.690, 221.387

Trichromacy



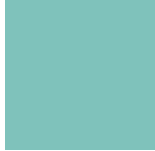
Original Color
74, 37.073, 156.911



Protanomaly
73, 22.195, 130.892



Deuteranomaly
73, 14.468, 122.778



Tritanomaly
74, 22.975, 188.087

Monochromacy



Original Color
74, 37.073, 156.911



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 13.983, 159.669

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 37.073, 156.911 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, 198, 154)` looks like.

```
.text, #text, p{  
    color:rgb(119, 198, 154)  
}
```

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, 198, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 198, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 37.073, 156.911 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, 198, 154) }
```

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

```
.border{ border-color:rgb(119, 198, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 198, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 198, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 198, 154);  
box-shadow:4px 4px 4px 4px rgb(119, 198,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 37.073, 156.911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 198, 154) }
```

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

```
.background{ background-color: rgb(119,  
198, 154) }
```

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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