

Converting Colors

CIELCh(74, 37.376, 171.676)

Have a look what the booklet for
CIELCh(74, 37.376, 171.676)
contains.

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Color

CIELCh(74, 37.371, 171.708)

Conversions

Conversions Part 1

Format	Color
Hex	61C8AB
RGB	97, 200, 171
RGB Percent	38%, 78%, 67%
CMY	0.6202, 0.2163, 0.3300
CMYK	0.52, 0.00, 0.15, 0.22
HSL	163°, 48%, 58%
HSV	163°, 52%, 78%
XYZ	32.8675, 46.7039, 45.7358
YIQ	165.8970, -52.0790, -30.8550

Conversions

Conversions Part 2

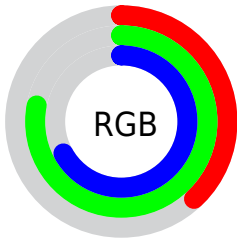
Format	Color
RYB	97, 157, 200
Decimal	6408363
CIELab	74.00, -36.98, 5.39
CIElCh	74, 37.371, 171.708
Yxy	46.7039, 0.2623, 0.3727
Android (android.graphics.Color)	4284598443 (0xFF61C8AB)
YUV	165.8970, 2.5158, -60.4227
Hunter-Lab	68.3403, -33.7479, 8.1592

Details

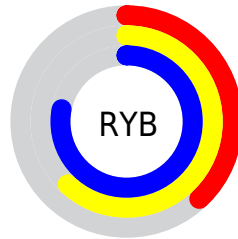
The CIELCh color **74, 37.371, 171.708** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **54, 44.096, 4.346**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 36.316, 172.746**, and **54, 37.190, 172.082** is the 20% darker color. If you saturate the color by 10%, you get **73, 43.044, 170.290**, and if you desaturate by 10%, it is **75, 31.012, 172.986**.

Distribution



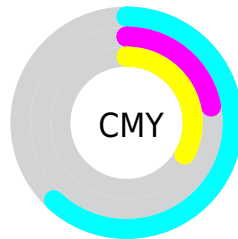
- Red (38%)
- Green (78%)
- Blue (67%)



- Red (38%)
- Yellow (62%)
- Blue (78%)



- Cyan (52%)
- Magenta (0%)
- Yellow (15%)
- Black (22%)





- Cyan (62%)
- Magenta (22%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 37.371, 171.708 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, 37.371, 171.708 by changing the saturation by 10% instead.


 74, 37.371,
171.708


 74, 37.371,
171.708


 100, 37.371,
171.708

 64, 37.371,
171.708

 94, 37.371,
171.708

 54, 37.371,
171.708

 44, 37.371,
171.708

 34, 37.371,
171.708

 24, 37.371,
171.708

 14, 37.371,
171.708

 4, 37.371, 171.708

■ 0, 37.371, 171.708

■ 74, 37.371,
171.708

■ 74, 37.371,
171.708

■ 73, 43.044,
170.290

■ 75, 31.012,
172.986

■ 73, 47.936,
168.711

■ 76, 24.088,
174.153

■ 72, 52.000,
166.948

■ 77, 16.730,
175.229

■ 72, 55.257,
164.989

■ 79, 9.067, 176.243

■ 72, 57.544,
163.234

■ 80, 1.216, 177.513

■ 82, 6.725, 357.915

■ 84, 14.676,
358.781

■ 86, 21.975,
358.891

■ 86, 23.078,
352.025

Harmonies

Complementary

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



74, 37.371, 171.708



54, 44.096, 4.346

Rectangle

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



74, 37.371, 171.708



74, 37.371, 221.708



74, 37.371, 351.708



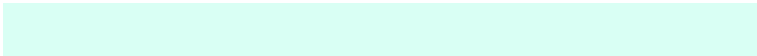
74, 37.371, 41.708

Sweetspot

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



74, 37.372, 171.707



97, 14.310, 175.874



74, 60.770, 133.590



51, 9.739, 175.658



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, 37.372, 171.707



91, 52.566, 170.087



68, 26.512, 225.609



41, 4.446, 176.460



59, 49.252, 163.575



11, 16.448, 169.100

Inverse Universe

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



54, 44.096, 4.346



63, 64.032, 7.161



58, 38.972, 41.369



39, 4.575, 358.082



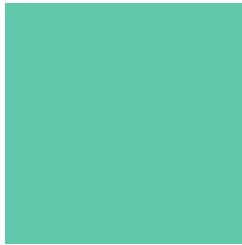
34, 63.163, 22.175



4, 16.446, 5.140

Previews

White Background



This preview shows how the CIELCh color 74, 37.371, 171.708 looks on a white background.

Color Contrast Check

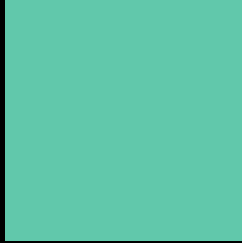
Large Text (above 18pt) WCAG AA × Fail

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, 37.371, 171.708 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, 37.371, 171.708

Background



This preview shows how black text looks on a background with the CIELCh color 74, 37.371, 171.708.

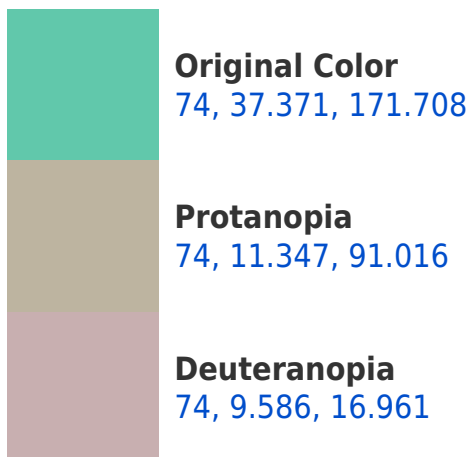


This preview shows how white text looks on a background with the CIELCh color 74, 37.371, 171.708.

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, 26.797, 216.682

Trichromacy



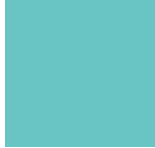
Original Color
74, 37.371, 171.708



Protanomaly
73, 17.374, 152.320



Deuteranomaly
73, 9.839, 165.180

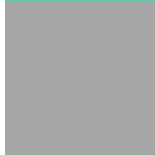


Tritanomaly
74, 28.381, 197.293

Monochromacy



Original Color
74, 37.371, 171.708



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 14.607, 176.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 37.371, 171.708 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(97, 200, 171)` looks like.

```
.text, #text, p{  
    color:rgb(97, 200, 171)  
}
```

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(97, 200, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 200, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 37.371, 171.708 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(97, 200, 171) }
```

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

```
.border{ border-color:rgb(97, 200, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 200, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 200, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 200, 171);  
box-shadow:4px 4px 4px 4px rgb(97, 200,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 37.371, 171.708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 200, 171) }
```

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

```
.background{ background-color: rgb(97, 200,  
171) }
```

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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