

Converting Colors

CIELCh(73, 38.372, 95.113)

Have a look what the booklet for
CIELCh(73, 38.372, 95.113) contains.

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Color

CIELCh(73, 38.614, 94.917)

Conversions

Conversions Part 1

Format	Color
Hex	C5B36C
RGB	197, 179, 108
RGB Percent	77%, 70%, 42%
CMY	0.2277, 0.2982, 0.5767
CMYK	0.00, 0.09, 0.45, 0.23
HSL	48°, 43%, 60%
HSV	48°, 45%, 77%
XYZ	41.8259, 45.1644, 20.6869
YIQ	176.2880, 33.5190, -18.2650

Conversions

Conversions Part 2

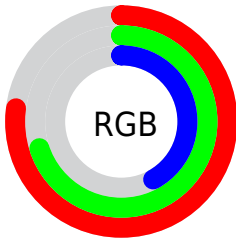
Format	Color
RYB	131, 197, 108
Decimal	12956524
CIELab	73.00, -3.31, 38.47
CIElCh	73, 38.614, 94.917
Yxy	45.1644, 0.3884, 0.4194
Android (android.graphics.Color)	4291146604 (0xFFC5B36C)
YUV	176.2880, -33.6660, 18.1644
Hunter-Lab	67.2044, -6.5152, 28.7924

Details

The CIELCh color **73, 38.614, 94.917** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54, 41.000, 287.502**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 38.549, 95.185**, and **53, 38.972, 95.614** is the 20% darker color. If you saturate the color by 10%, you get **72, 46.844, 93.677**, and if you desaturate by 10%, it is **74, 30.126, 96.149**.

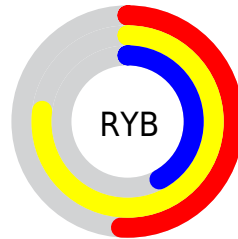
Distribution



Red (77%)

Green (70%)

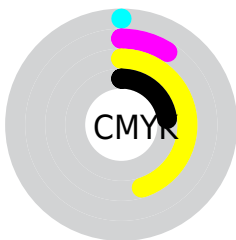
Blue (42%)



Red (51%)

Yellow (77%)

Blue (42%)

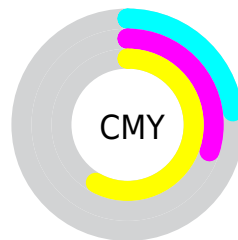


Cyan (0%)

Magenta (9%)

Yellow (45%)

Black (23%)



Cyan (23%)

Magenta (30%)

Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 38.614, 94.917 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 73, 38.614, 94.917 by changing the saturation by 10% instead.

 73, 38.614, 94.917

 73, 38.614, 94.917

 100, 38.614,
94.917

 63, 38.614, 94.917

 93, 38.614, 94.917

 53, 38.614, 94.917

 43, 38.614, 94.917

 33, 38.614, 94.917

 23, 38.614, 94.917

 13, 38.614, 94.917

 3, 38.614, 94.917

 0, 38.614, 94.917

 73, 38.614, 94.917

 73, 38.614, 94.917

72, 46.844, 93.677

74, 30.126, 96.149

70, 54.538, 92.419

76, 21.539, 97.355

69, 61.261, 91.136

77, 12.945, 98.532

68, 66.405, 89.796

79, 4.397, 99.656

67, 69.348, 88.337

80, 4.080, 280.839

67, 70.255, 87.606

82, 12.471,
281.879

83, 20.773,
282.893

85, 23.572,
281.136

86, 21.727,
276.457

Harmonies

Complementary

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



73, 38.614, 94.917



54, 41.000, 287.502

Rectangle

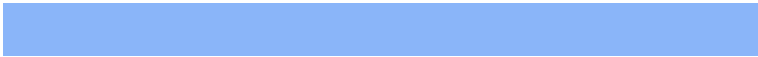
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 38.614, 94.917



73, 38.614, 144.917



73, 38.614, 274.917



73, 38.614, 324.917

Sweetspot

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



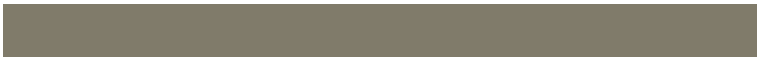
73, 38.615, 94.921



97, 14.713, 98.644



56, 37.745, 7.887



52, 10.166, 98.390



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 38.615, 94.921



91, 56.552, 93.722



76, 47.418, 118.538



41, 4.860, 99.194



56, 61.185, 87.846



11, 15.994, 92.233

Inverse Universe

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



54, 41.000, 287.502



63, 61.419, 289.782



52, 52.366, 304.631



39, 4.915, 281.408



23, 82.936, 302.121



3, 18.509, 285.924

Previews

White Background



This preview shows how the CIELCh color 73, 38.614, 94.917 looks on a white background.

Color Contrast Check

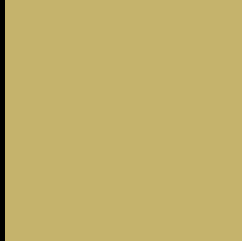
Large Text (above 18pt) WCAG AA × Fail

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 73, 38.614, 94.917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

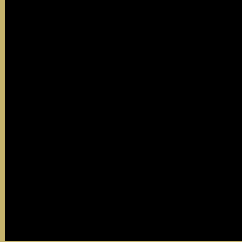
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 38.614, 94.917

Background



This preview shows how black text looks on a background with the CIELCh color 73, 38.614, 94.917.



This preview shows how white text looks on a background with the CIELCh color 73, 38.614, 94.917.

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

73, 38.614, 94.917

Protanopia

73, 38.522, 95.543

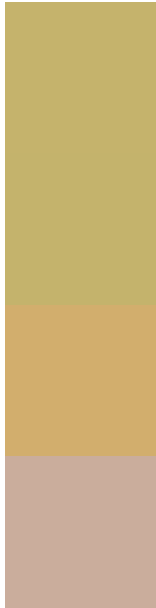
Deuteranopia

73, 38.835, 76.025



Tritanopia
73, 14.990, 352.827

Trichromacy



Original Color
73, 38.614, 94.917

Protanomaly
73, 38.522, 95.543

Deuteranomaly
73, 38.420, 82.823

Tritanomaly
73, 14.864, 58.100

Monochromacy



Original Color
73, 38.614, 94.917

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 14.335, 97.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 38.614, 94.917 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(197, 179, 108)` looks like.

```
.text, #text, p{  
    color:rgb(197, 179, 108)  
}
```

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(197, 179, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 179, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 38.614, 94.917 is called "border". The border property can be set on classes, ids or directly on the HTML element.

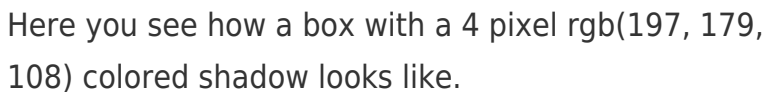
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 179, 108) }
```

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

```
.border{ border-color:rgb(197, 179, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 179, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 179, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 179, 108); box-shadow:4px 4px 4px 4px rgb(197, 179, 108) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 38.614, 94.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 179, 108) }
```

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

```
.background{ background-color: rgb(197,  
179, 108) }
```

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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