

Converting Colors

CIELCh(74, 55.790, 119.822)

Have a look what the booklet for
CIELCh(74, 55.790, 119.822)
contains.

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Color

CIELCh(74, 55.790, 119.822)

Conversions

Conversions Part 1

Format	Color
Hex	A0C259
RGB	160, 194, 89
RGB Percent	63%, 76%, 35%
CMY	0.3731, 0.2397, 0.6515
CMYK	0.18, 0.00, 0.54, 0.24
HSL	79°, 46%, 55%
HSV	79°, 54%, 76%
XYZ	35.5312, 46.7039, 16.5662
YIQ	171.8640, 13.4410, -39.8630

Conversions

Conversions Part 2

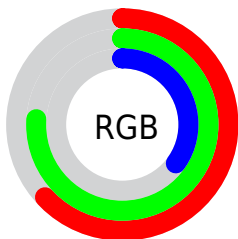
Format	Color
RYB	89, 194, 123
Decimal	10535513
CIELab	74.00, -27.74, 48.40
CIElCh	74, 55.790, 119.822
Yxy	46.7039, 0.3596, 0.4727
Android (android.graphics.Color)	4288725593 (0xFFA0C259)
YUV	171.8640, -40.8520, -10.4047
Hunter-Lab	68.3403, -26.7905, 33.4659

Details

The CIELCh color **74, 55.790, 119.822** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **46, 62.712, 306.633**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 55.864, 119.783**, and **54, 55.571, 119.715** is the 20% darker color. If you saturate the color by 10%, you get **73, 64.628, 119.524**, and if you desaturate by 10%, it is **75, 46.163, 120.270**.

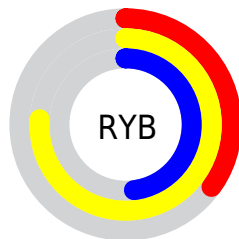
Distribution



Red (63%)

Green (76%)

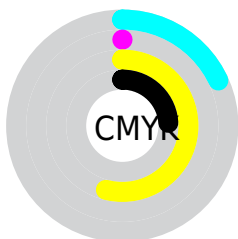
Blue (35%)



Red (35%)

Yellow (76%)

Blue (48%)

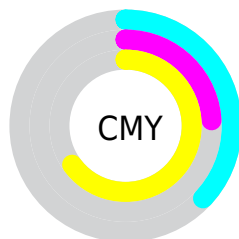


Cyan (18%)

Magenta (0%)

Yellow (54%)

Black (24%)



Cyan (37%)


Magenta (24%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 55.790, 119.822 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, 55.790, 119.822 by changing the saturation by 10% instead.


 74, 55.790,
119.822

 74, 55.790,
119.822


 100, 55.790,
119.822


 64, 55.790,
119.822


 94, 55.790,
119.822

 54, 55.790,
119.822

 44, 55.790,
119.822

 34, 55.790,
119.822

 24, 55.790,
119.822

 14, 55.790,
119.822

 4, 55.790, 119.822

0, 55.790, 119.822

74, 55.790,
119.822

74, 55.790,
119.822

73, 64.628,
119.524

75, 46.163,
120.270

73, 72.269,
119.462

75, 36.039,
120.795

72, 78.242,
119.751

76, 25.623,
121.356

72, 82.183,
120.491

77, 15.050,
121.923

72, 83.812,
121.063

78, 4.413, 122.485

79, 6.223, 302.992

80, 16.813,

303.497

■ 81, 27.325,
303.964

■ 82, 33.438,
305.740

Harmonies

Complementary

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



74, 55.790, 119.822



46, 62.712, 306.633

Rectangle

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



74, 55.790, 119.822



74, 55.790, 169.822



74, 55.790, 299.822



74, 55.790, 349.822

Sweetspot

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



74, 55.791, 119.824



97, 21.072, 121.805



58, 38.575, 50.556



52, 14.338, 121.685



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, 55.791, 119.824



93, 80.704, 119.491



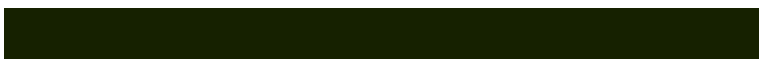
71, 63.918, 136.043



41, 6.026, 122.192



60, 72.812, 120.854



11, 19.843, 125.013

Inverse Universe

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



46, 62.712, 306.633



52, 93.762, 307.623



52, 65.005, 321.562



38, 6.136, 303.221



21, 91.420, 308.751



2, 19.776, 299.821

Previews

White Background



This preview shows how the CIELCh color 74, 55.790, 119.822 looks on a white background.

Color Contrast Check

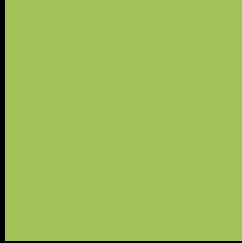
Large Text (above 18pt) WCAG AA × Fail

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, 55.790, 119.822 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, 55.790, 119.822

Background



This preview shows how black text looks on a background with the CIELCh color 74, 55.790, 119.822.



This preview shows how white text looks on a background with the CIELCh color 74, 55.790, 119.822.

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](#).

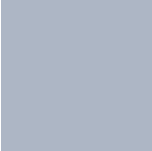
Dichromacy



Original Color
74, 55.790, 119.822

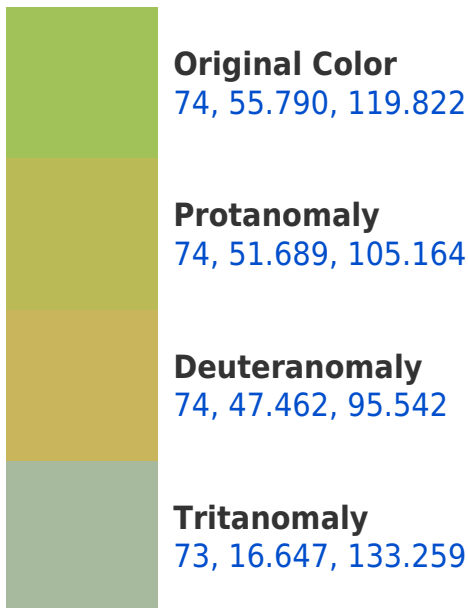
Protanopia
74, 51.184, 95.874

Deuteranopia
74, 47.969, 78.636



Tritanopia
74, 8.666, 269.322

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 55.790, 119.822 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(160, 194, 89)` looks like.

```
.text, #text, p{  
    color:rgb(160, 194, 89)  
}
```

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(160, 194, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 194, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 55.790, 119.822 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(160, 194, 89) }
```

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

```
.border{ border-color:rgb(160, 194, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 194, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 194, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 194, 89);  
box-shadow:4px 4px 4px 4px rgb(160, 194,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 55.790, 119.822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 194, 89) }
```

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

```
.background{ background-color: rgb(160,  
194, 89) }
```

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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