

Converting Colors

CIELCh(71, 59.216, 150.497)

Have a look what the booklet for
CIELCh(71, 59.216, 150.497)
contains.

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Color

CIELCh(71, 59.408, 150.463)

Conversions

Conversions Part 1

Format	Color
Hex	48C476
RGB	72, 196, 118
RGB Percent	28%, 77%, 46%
CMY	0.7175, 0.2312, 0.5371
CMYK	0.63, 0.00, 0.40, 0.23
HSL	142°, 51%, 53%
HSV	142°, 63%, 77%
XYZ	25.6979, 42.1875, 23.9403
YIQ	150.0320, -48.8660, -50.5460

Conversions

Conversions Part 2

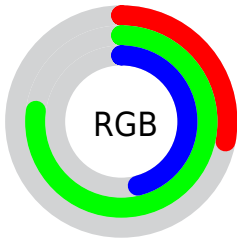
Format	Color
RYB	72, 162, 196
Decimal	4768886
CIELab	71.00, -51.69, 29.29
CIELCh	71, 59.408, 150.463
Yxy	42.1875, 0.2799, 0.4594
Android (android.graphics.Color)	4282958966 (0xFF48C476)
YUV	150.0320, -15.7918, -68.4341
Hunter-Lab	64.9519, -43.0433, 23.6129

Details

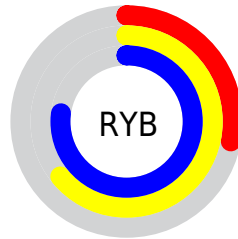
The CIELCh color **71, 59.408, 150.463** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **50, 59.897, 343.289**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 59.680, 150.502**, and **51, 57.686, 148.813** is the 20% darker color. If you saturate the color by 10%, you get **70, 66.944, 148.765**, and if you desaturate by 10%, it is **72, 51.075, 151.963**.

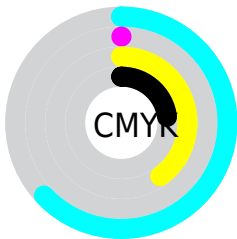
Distribution



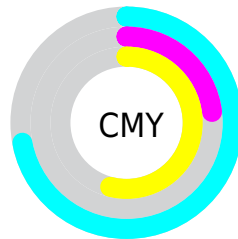
- Red (28%)
- Green (77%)
- Blue (46%)



- Red (28%)
- Yellow (64%)
- Blue (77%)



- Cyan (63%)
- Magenta (0%)
- Yellow (40%)
- Black (23%)





- Cyan (72%)
- Magenta (23%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 59.408, 150.463 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 71, 59.408, 150.463 by changing the saturation by 10% instead.


 71, 59.408,
150.463

 71, 59.408,
150.463


 100, 59.408,
150.463


 61, 59.408,
150.463


 91, 59.408,
150.463

 51, 59.408,
150.463

 41, 59.408,
150.463

 31, 59.408,
150.463

 21, 59.408,
150.463

 11, 59.408,
150.463

 1, 59.408, 150.463

0, 59.408, 150.463

71, 59.408,
150.463

71, 59.408,
150.463

70, 66.944,
148.765

72, 51.075,
151.963

70, 73.565,
146.874

73, 42.100,
153.277

70, 79.221,
144.823

74, 32.660,
154.425

69, 82.583,
143.442

75, 22.927,
155.431

77, 13.059,
156.321

79, 3.184, 157.181

■ 80, 6.594, 337.704

■ 82, 16.198,
338.354

■ 85, 25.577,
338.919

Harmonies

Complementary

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



71, 59.408, 150.463



50, 59.897, 343.289

Rectangle

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



71, 59.408, 150.463



71, 59.408, 200.463



71, 59.408, 330.463



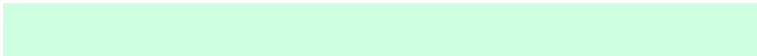
71, 59.408, 20.463

Sweetspot

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



71, 59.409, 150.463



96, 23.203, 155.794



74, 65.090, 121.312



51, 15.966, 155.529



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 59.409, 150.463



89, 84.913, 148.042



72, 38.044, 182.754



40, 5.528, 156.645



58, 70.709, 143.783



10, 20.131, 151.981

Inverse Universe

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



50, 59.897, 343.289



60, 82.957, 345.449



48, 53.529, 18.716



38, 5.567, 337.947



35, 62.850, 350.118



3, 17.234, 344.493

Previews

White Background



This preview shows how the CIELCh color 71, 59.408, 150.463 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 71, 59.408, 150.463 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 71, 59.408, 150.463

Background



This preview shows how black text looks on a background with the CIELCh color 71, 59.408, 150.463.

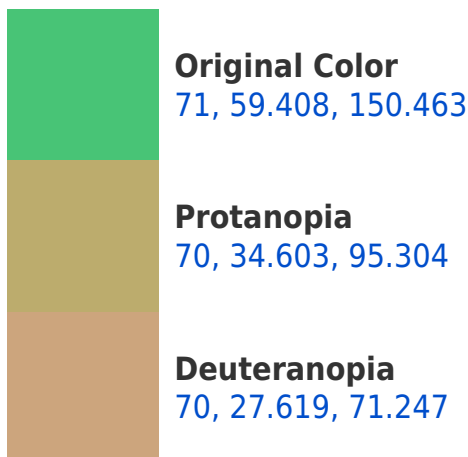


This preview shows how white text looks on a background with the CIELCh color 71, 59.408, 150.463.

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



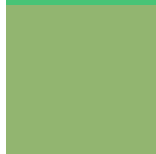


Tritanopia
71, 27.307, 215.152

Trichromacy



Original Color
71, 59.408, 150.463



Protanomaly
70, 39.567, 127.559



Deuteranomaly
69, 30.268, 122.827



Tritanomaly
71, 34.132, 178.943

Monochromacy



Original Color
71, 59.408, 150.463



Achromatopsia
62, 0.008, 296.813



Achromatomaly
65, 23.580, 154.449

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 59.408, 150.463 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(72, 196, 118)` looks like.

```
.text, #text, p{  
    color:rgb(72, 196, 118)  
}
```

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(72, 196, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 196, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 59.408, 150.463 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(72, 196, 118) }
```

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

```
.border{ border-color:rgb(72, 196, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 196, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 196, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 196, 118);  
box-shadow:4px 4px 4px 4px rgb(72, 196,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 59.408, 150.463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 196, 118) }
```

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

```
.background{ background-color: rgb(72, 196,  
118) }
```

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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