

Converting Colors

CIELCh(71, 5.468, 118.572)

Have a look what the booklet for
CIELCh(71, 5.468, 118.572) contains.

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Color

CIELCh(71, 5.495, 117.617)

Conversions

Conversions Part 1

Format	Color
Hex	ADAFA5
RGB	173, 175, 165
RGB Percent	68%, 69%, 65%
CMY	0.3221, 0.3142, 0.3535
CMYK	0.01, 0.00, 0.06, 0.31
HSL	72°, 6%, 67%
HSV	72°, 6%, 69%
XYZ	39.2864, 42.1875, 41.6055
YIQ	173.2620, 2.0180, -3.5340

Conversions

Conversions Part 2

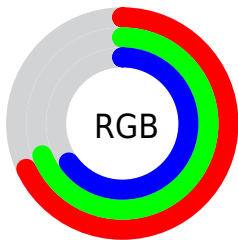
Format	Color
RYB	165, 175, 167
Decimal	11382693
CIELab	71.00, -2.55, 4.87
CIELCh	71, 5.495, 117.617
Yxy	42.1875, 0.3192, 0.3428
Android (android.graphics.Color)	4289572773 (0xFFADAF5)
YUV	173.2620, -4.0732, -0.2298
Hunter-Lab	64.9519, -5.6995, 7.4876

Details

The CIELCh color **71, 5.495, 117.617** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 5.575, 298.393**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 5.220, 117.704**, and **51, 5.861, 117.471** is the 20% darker color. If you saturate the color by 10%, you get **70, 15.095, 116.950**, and if you desaturate by 10%, it is **72, 4.130, 298.279**.

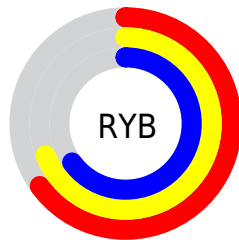
Distribution



Red (68%)

Green (69%)

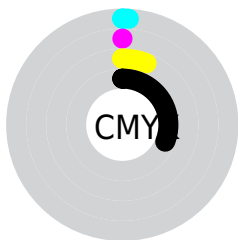
Blue (65%)



Red (65%)

Yellow (69%)

Blue (65%)

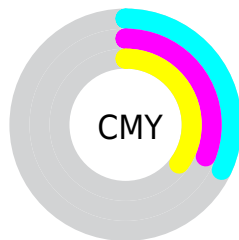


Cyan (1%)

Magenta (0%)

Yellow (6%)

Black (31%)



Cyan (32%)

Magenta (31%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 5.495, 117.617 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, 5.495, 117.617 by changing the saturation by 10% instead.

■ 71, 5.495, 117.617

■ 71, 5.495, 117.617

■ 100, 5.495,
117.617

■ 61, 5.495, 117.617

■ 91, 5.495, 117.617

■ 51, 5.495, 117.617

■ 41, 5.495, 117.617

■ 31, 5.495, 117.617

■ 21, 5.495, 117.617

■ 11, 5.495, 117.617

■ 1, 5.495, 117.617

■ 0, 5.495, 117.617

■ 71, 5.495, 117.617

■ 71, 5.495, 117.617

70, 15.095,
116.950

72, 4.130, 298.279

70, 24.606,
116.267

73, 13.745,
298.910

69, 33.942,
115.596

73, 23.319,
299.507

69, 42.974,
114.966

74, 32.828,
300.069

68, 51.507,
114.416

75, 42.259,
300.595

68, 59.257,
114.006

76, 43.815,
301.898

67, 65.837,
113.813

76, 43.967,
303.351

67, 70.816,
113.926

76, 44.145,
304.806

67, 73.903,

77, 44.349,
306.261

Harmonies

Complementary

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



71, 5.495, 117.617



68, 5.575, 298.393

Rectangle

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



71, 5.495, 117.617



71, 5.495, 167.617



71, 5.495, 297.617



71, 5.495, 347.617

Sweetspot

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



71, 5.497, 117.628



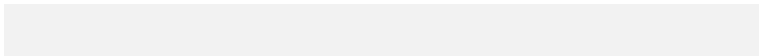
90, 2.370, 117.876



69, 3.244, 39.213



48, 1.358, 117.883



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



71, 5.497, 117.628



90, 8.317, 117.533



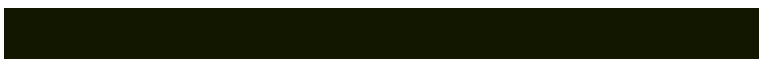
71, 6.086, 135.524



37, 4.324, 117.512



58, 67.045, 114.546



7, 11.571, 120.775

Inverse Universe

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



68, 5.575, 298.393



85, 8.454, 298.494



69, 6.126, 315.941



34, 4.397, 298.517



18, 88.767, 307.371



1, 11.435, 296.576

Previews

White Background



This preview shows how the CIE LCh color 71, 5.495, 117.617 looks on a white background.

Color Contrast Check

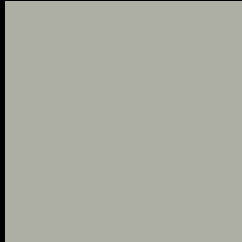
Large Text (above 18pt) WCAG AA × Fail

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, 5.495, 117.617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

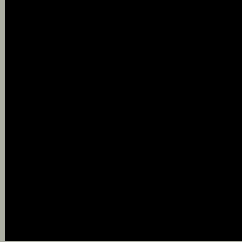
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

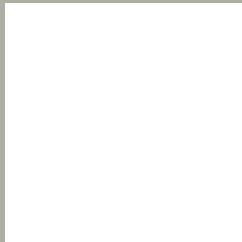
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 5.495, 117.617

Background



This preview shows how black text looks on a background with the CIELCh color 71, 5.495, 117.617.



This preview shows how white text looks on a background with the CIELCh color 71, 5.495, 117.617.

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


71, 5.495, 117.617

Protanopia

71, 5.399, 84.326

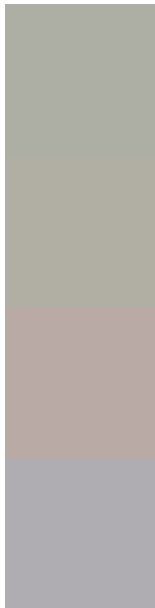
Deuteranopia

71, 9.776, 26.554



Tritanopia
71, 7.278, 302.485

Trichromacy



Original Color
71, 5.495, 117.617

Protanomaly
71, 5.547, 97.626

Deuteranomaly
71, 6.546, 39.205

Tritanomaly
71, 2.846, 305.609

Monochromacy



Original Color
71, 5.495, 117.617

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.208, 119.783

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 5.495, 117.617 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(173, 175, 165)` looks like.

```
.text, #text, p{  
    color:rgb(173, 175, 165)  
}
```

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(173, 175, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 175, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 5.495, 117.617 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(173, 175, 165) }
```

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

```
.border{ border-color:rgb(173, 175, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 175, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 175, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 175, 165);  
box-shadow:4px 4px 4px 4px rgb(173, 175,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 5.495, 117.617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 175, 165) }
```

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

```
.background{ background-color: rgb(173,  
175, 165) }
```

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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