

Converting Colors

CIELCh(67, 71.015, 101.938)

Have a look what the booklet for
CIELCh(67, 71.015, 101.938)
contains.

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Color

CIELCh(67, 70.907, 101.749)

Conversions

Conversions Part 1

Format	Color
Hex	ABA800
RGB	171, 168, 0
RGB Percent	67%, 66%, 0%
CMY	0.3297, 0.3414, 1.0000
CMYK	0.00, 0.02, 1.00, 0.33
HSL	59°, 100%, 34%
HSV	59°, 100%, 67%
XYZ	30.7699, 36.6320, 5.4445
YIQ	149.7450, 55.7160, -51.6120

Conversions

Conversions Part 2

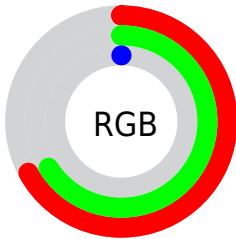
Format	Color
RYB	3, 171, 0
Decimal	11249664
CIELab	67.00, -14.44, 69.42
CIELCh	67, 70.907, 101.749
Yxy	36.6320, 0.4224, 0.5029
Android (android.graphics.Color)	4289439744 (0xFFABA800)
YUV	149.7450, -73.8243, 18.6406
Hunter-Lab	60.5244, -15.1701, 37.0336

Details

The CIELCh color **67, 70.907, 101.749** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **20, 98.324, 306.056**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 71.081, 101.782**, and **47, 54.185, 103.878** is the 20% darker color. If you saturate the color by 10%, you get **67, 70.889, 101.753**, and if you desaturate by 10%, it is **67, 68.692, 102.056**.

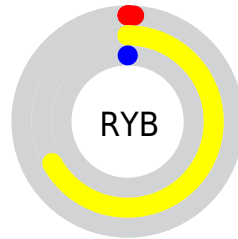
Distribution



Red (67%)

Green (66%)

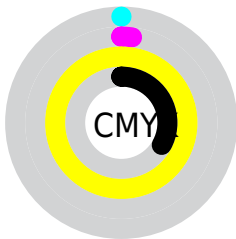
Blue (0%)



Red (1%)

Yellow (67%)

Blue (0%)

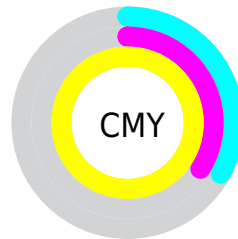


Cyan (0%)

Magenta (2%)

Yellow (100%)

Black (33%)



Cyan (33%)

Magenta (34%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 70.907, 101.749 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 67, 70.907, 101.749 by changing the saturation by 10% instead.

 67, 70.907,
101.749


 67, 70.907,
101.749

 100, 70.907,
101.749


 57, 70.907,
101.749


 87, 70.907,
101.749

 47, 70.907,
101.749

 97, 70.907,
101.749

 37, 70.907,
101.749

 27, 70.907,
101.749

 17, 70.907,
101.749

 7, 70.907, 101.749

 0, 70.907, 101.749

■ 67, 70.907,
101.749

■ 67, 70.907,
101.749

■ 67, 70.889,
101.753

■ 67, 68.692,
102.056

■ 67, 64.884,
102.503

■ 67, 59.308,
103.115

■ 68, 52.383,
103.863

■ 68, 44.535,
104.710

■ 68, 36.096,
105.623

■ 69, 27.295,
106.575

■ 69, 18.286,

107.544

■ 69, 9.164, 108.512

Harmonies

Complementary

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



67, 70.907, 101.749



20, 98.324, 306.056

Rectangle

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



67, 70.907, 101.749



67, 70.907, 151.749



67, 70.907, 281.749



67, 70.907, 331.749

Sweetspot

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



67, 70.889, 101.753



87, 33.733, 106.524



35, 75.970, 38.531



46, 23.131, 106.131



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 70.889, 101.753



85, 86.093, 101.733



63, 79.892, 126.803



37, 5.249, 108.577



60, 64.544, 101.764



7, 11.051, 109.130

Inverse Universe

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



20, 98.324, 306.056



28, 119.718, 306.119



26, 93.069, 311.230



34, 5.359, 290.437



17, 89.387, 306.017



1, 11.184, 289.608

Previews

White Background



This preview shows how the CIELCh color 67, 70.907, 101.749 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 67, 70.907, 101.749 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 67, 70.907, 101.749

Background



This preview shows how black text looks on a background with the CIELCh color 67, 70.907, 101.749.

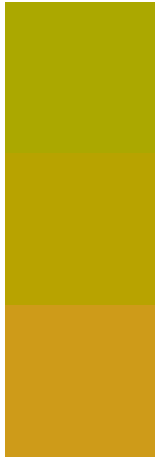


This preview shows how white text looks on a background with the CIELCh color 67, 70.907, 101.749.

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
67, 70.907, 101.749

Protanopia
67, 70.057, 94.923

Deuteranopia
67, 67.439, 82.790



Tritanopia
67, 11.959, 346.999

Trichromacy



Original Color
67, 70.907, 101.749

Protanomaly
67, 70.266, 97.613

Deuteranomaly
67, 68.083, 90.148

Tritanomaly
66, 30.048, 92.113

Monochromacy



Original Color
67, 70.907, 101.749

Achromatopsia
62, 0.008, 296.813

Achromatomaly
64, 33.807, 105.730

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 70.907, 101.749 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(171, 168, 0)` looks like.

```
.text, #text, p{  
    color:rgb(171, 168, 0)  
}
```

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(171, 168, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 168, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 70.907, 101.749 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(171, 168, 0) }
```

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

```
.border{ border-color:rgb(171, 168, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 168, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 168, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 168, 0);  
box-shadow:4px 4px 4px 4px rgb(171, 168,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 70.907, 101.749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 168, 0) }
```

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

```
.background{ background-color: rgb(171,  
168, 0) }
```

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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