

Converting Colors

CIELCh(67, 70.993, 102.894)

Have a look what the booklet for
CIELCh(67, 70.993, 102.894)
contains.

CIELCh(67, 71.084, 102.864)	3
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Color

CIELCh(67, 71.084, 102.864)

Conversions

Conversions Part 1

Format	Color
Hex	A9A900
RGB	169, 169, 0
RGB Percent	66%, 66%, 0%
CMY	0.3388, 0.3387, 0.9995
CMYK	0.00, 0.00, 1.00, 0.34
HSL	60°, 100%, 33%
HSV	60°, 100%, 66%
XYZ	30.3984, 36.6320, 5.4714
YIQ	149.7340, 54.2490, -52.5590

Conversions

Conversions Part 2

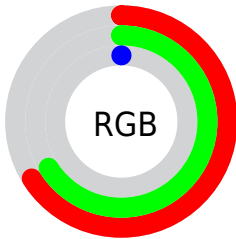
Format	Color
RYB	0, 169, 0
Decimal	11118848
CIELab	67.00, -15.83, 69.30
CIELCh	67, 71.084, 102.864
Yxy	36.6320, 0.4193, 0.5053
Android (android.graphics.Color)	4289308928 (0xFFA9A900)
YUV	149.7340, -73.8189, 16.8963
Hunter-Lab	60.5244, -16.2660, 37.0072

Details

The CIELCh color **67, 71.084, 102.864** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **19, 98.135, 306.281**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 71.410, 102.809**, and **47, 54.577, 105.389** is the 20% darker color. If you saturate the color by 10%, you get **67, 71.098, 102.865**, and if you desaturate by 10%, it is **67, 68.834, 103.083**.

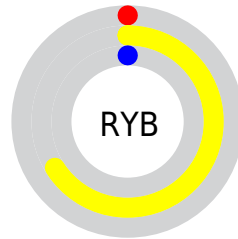
Distribution



Red (66%)

Green (66%)

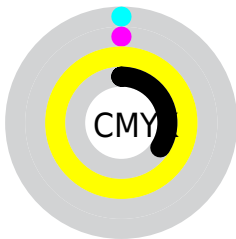
Blue (0%)



Red (0%)

Yellow (66%)

Blue (0%)

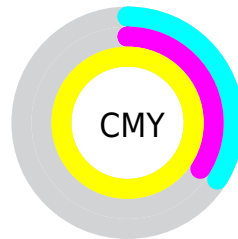


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (34%)



Cyan (34%)

Magenta (34%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 71.084, 102.864 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, 71.084, 102.864 by changing the saturation by 10% instead.

 67, 71.084,
102.864

 67, 71.084,
102.864


 100, 71.084,
102.864


 57, 71.084,
102.864

 87, 71.084,
102.864

 47, 71.084,
102.864

 97, 71.084,
102.864

 37, 71.084,
102.864

 27, 71.084,
102.864

 17, 71.084,
102.864

 7, 71.084, 102.864

 0, 71.084, 102.864

■ 67, 71.084,
102.864

■ 67, 71.084,
102.864

■ 67, 71.098,
102.865

■ 67, 68.834,
103.083

■ 67, 65.006,
103.458

■ 67, 59.432,
104.013

■ 67, 52.514,
104.716

■ 67, 44.663,
105.528

■ 68, 36.208,
106.412

■ 68, 27.380,
107.341

■ 68, 18.330,

108.291

■ 69, 9.157, 109.243

Harmonies

Complementary

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



67, 71.084, 102.864



19, 98.135, 306.281

Rectangle

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



67, 71.084, 102.864



67, 71.084, 152.864



67, 71.084, 282.864



67, 71.084, 332.864

Sweetspot

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



67, 71.083, 102.866



86, 33.969, 107.284



35, 76.535, 39.849



45, 23.067, 106.906



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 71.083, 102.866



85, 86.478, 102.865



62, 79.924, 127.927



36, 5.211, 109.304



59, 64.564, 102.865



6, 9.557, 110.188

Inverse Universe

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



19, 98.135, 306.281



27, 119.410, 306.288



26, 91.451, 311.976



32, 5.324, 291.130



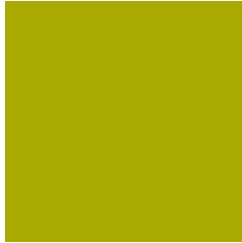
16, 89.149, 306.288



0, 9.559, 290.185

Previews

White Background



This preview shows how the CIELCh color 67, 71.084, 102.864 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, 71.084, 102.864 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, 71.084, 102.864

Background



This preview shows how black text looks on a background with the CIELCh color 67, 71.084, 102.864.



This preview shows how white text looks on a background with the CIELCh color 67, 71.084, 102.864.

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, 71.210, 102.852

Protanopia

67, 70.057, 94.923

Deuteranopia

67, 67.439, 82.790



Tritanopia
67, 11.006, 343.515

Trichromacy



Original Color
67, 71.210, 102.852

Protanomaly
67, 70.222, 97.986

Deuteranomaly
67, 67.967, 90.525

Tritanomaly
66, 29.684, 94.553

Monochromacy



Original Color
67, 71.210, 102.852

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 33.312, 106.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 71.084, 102.864 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(169, 169, 0)` looks like.

```
.text, #text, p{  
    color:rgb(169, 169, 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(169, 169, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 169, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 71.084, 102.864 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(169, 169, 0) }
```

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

```
.border{ border-color:rgb(169, 169, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 169, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 169, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 169, 0);  
box-shadow:4px 4px 4px 4px rgb(169, 169,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 71.084, 102.864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 169, 0) }
```

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

```
.background{ background-color: rgb(169,  
169, 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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