

Converting Colors

CIELCh(67, 71.704, 105.254)

Have a look what the booklet for
CIELCh(67, 71.704, 105.254)
contains.

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Color

CIELCh(67, 71.619, 105.381)

Conversions

Conversions Part 1

Format	Color
Hex	A3AA00
RGB	163, 170, 0
RGB Percent	64%, 67%, 0%
CMY	0.3600, 0.3326, 0.9981
CMYK	0.04, 0.00, 1.00, 0.33
HSL	62°, 99%, 33%
HSV	62°, 100%, 67%
XYZ	29.5607, 36.6320, 5.5263
YIQ	148.5270, 50.3980, -54.3540

Conversions

Conversions Part 2

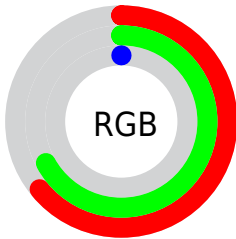
Format	Color
RYB	0, 170, 7
Decimal	10725888
CIELab	67.00, -19.00, 69.05
CIELCh	67, 71.619, 105.381
Yxy	36.6320, 0.4122, 0.5108
Android (android.graphics.Color)	4288915968 (0xFFA3AA00)
YUV	148.5270, -73.2238, 12.6928
Hunter-Lab	60.5244, -18.7364, 36.9534

Details

The CIELCh color **67, 71.619, 105.381** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **20, 98.474, 306.392**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 71.780, 105.510**, and **47, 55.154, 108.341** is the 20% darker color. If you saturate the color by 10%, you get **67, 71.681, 105.382**, and if you desaturate by 10%, it is **67, 69.333, 105.419**.

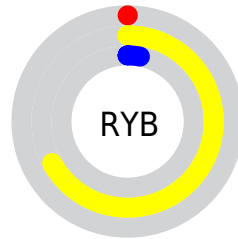
Distribution



Red (64%)

Green (67%)

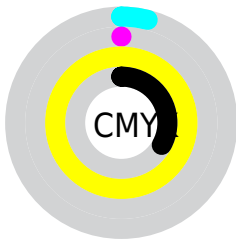
Blue (0%)



Red (0%)

Yellow (67%)

Blue (3%)

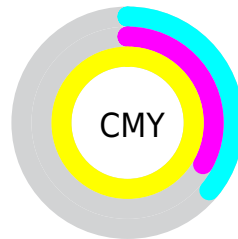


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (36%)


Magenta (33%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 71.619, 105.381 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, 71.619, 105.381 by changing the saturation by 10% instead.


 67, 71.619,
105.381


 67, 71.619,
105.381


 100, 71.619,
105.381


 57, 71.619,
105.381


 87, 71.619,
105.381

 47, 71.619,
105.381

 97, 71.619,
105.381

 37, 71.619,
105.381

 27, 71.619,
105.381

 17, 71.619,
105.381

 7, 71.619, 105.381

 0, 71.619, 105.381

■ 67, 71.619,
105.381

■ 67, 71.619,
105.381

■ 67, 71.681,
105.382

■ 67, 69.333,
105.419

■ 67, 65.425,
105.652

■ 67, 59.768,
106.103

■ 68, 52.768,
106.725

■ 68, 44.840,
107.468

■ 68, 36.309,
108.291

■ 68, 27.405,
109.160

■ 69, 18.279,

110.050

■ 69, 9.030, 110.940

Harmonies

Complementary

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



67, 71.619, 105.381



20, 98.474, 306.392

Rectangle

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



67, 71.619, 105.381



67, 71.619, 155.381



67, 71.619, 285.381



67, 71.619, 335.381

Sweetspot

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



67, 71.619, 105.383



87, 34.310, 109.087



35, 76.500, 40.219



46, 23.520, 108.728



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, 71.619, 105.383



85, 87.356, 105.428



62, 81.259, 128.982



36, 5.215, 110.978



59, 64.649, 105.354



6, 9.569, 112.443

Inverse Universe

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



20, 98.474, 306.392



28, 120.262, 306.384



27, 91.334, 312.763



33, 5.328, 292.676



16, 88.919, 306.446



1, 9.565, 291.574

Previews

White Background



This preview shows how the CIELCh color 67, 71.619, 105.381 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 67, 71.619, 105.381 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, 71.619, 105.381

Background



This preview shows how black text looks on a background with the CIELCh color 67, 71.619, 105.381.



This preview shows how white text looks on a background with the CIELCh color 67, 71.619, 105.381.

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, 71.619, 105.381

Protanopia
67, 70.057, 94.923

Deuteranopia
67, 66.966, 82.701



Tritanopia
67, 9.673, 332.378

Trichromacy



Original Color
67, 71.619, 105.381

Protanomaly
67, 70.422, 99.129

Deuteranomaly
67, 67.789, 91.721

Tritanomaly
66, 29.172, 99.525

Monochromacy



Original Color
67, 71.619, 105.381

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 33.831, 108.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 71.619, 105.381 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(163, 170, 0)` looks like.

```
.text, #text, p{  
    color:rgb(163, 170, 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(163, 170, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 170, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 71.619, 105.381 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(163, 170, 0) }
```

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

```
.border{ border-color:rgb(163, 170, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 170, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 170, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 170, 0);  
box-shadow:4px 4px 4px 4px rgb(163, 170,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 71.619, 105.381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 170, 0) }
```

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

```
.background{ background-color: rgb(163,  
170, 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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