

Converting Colors

CIELCh(67, 84.110, 103.643)

Have a look what the booklet for
CIELCh(67, 84.110, 103.643)
contains.

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Color

CIELCh(67, 71.595, 105.021)

Conversions

Conversions Part 1

Format	Color
Hex	A4AA00
RGB	164, 170, 0
RGB Percent	64%, 67%, 0%
CMY	0.3569, 0.3334, 1.0000
CMYK	0.04, 0.00, 1.00, 0.33
HSL	62°, 100%, 33%
HSV	62°, 100%, 67%
XYZ	29.6762, 36.6320, 5.5051
YIQ	148.8260, 50.9940, -54.1420

Conversions

Conversions Part 2

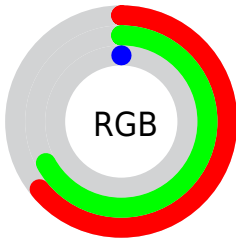
Format	Color
RYB	0, 170, 6
Decimal	10791424
CIELab	67.00, -18.56, 69.15
CIELCh	67, 71.595, 105.021
Yxy	36.6320, 0.4132, 0.5101
Android (android.graphics.Color)	4288981504 (0xFFA4AA00)
YUV	148.8260, -73.3712, 13.3076
Hunter-Lab	60.5244, -18.3959, 36.9742

Details

The CIELCh color **67, 71.595, 105.021** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **20, 98.565, 306.402**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 71.391, 104.870**, and **47, 55.102, 107.851** is the 20% darker color. If you saturate the color by 10%, you get **67, 71.590, 105.024**, and if you desaturate by 10%, it is **67, 69.331, 105.083**.

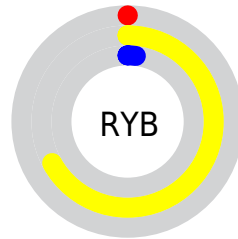
Distribution



Red (64%)

Green (67%)

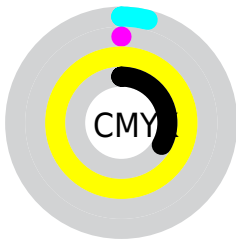
Blue (0%)



Red (0%)

Yellow (67%)

Blue (2%)

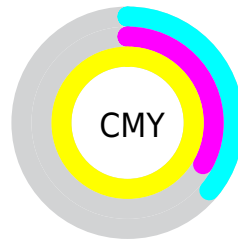


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (36%)


Magenta (33%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 71.595, 105.021 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, 71.595, 105.021 by changing the saturation by 10% instead.


 67, 71.595,
105.021


 67, 71.595,
105.021


 100, 71.595,
105.021


 57, 71.595,
105.021


 87, 71.595,
105.021

 47, 71.595,
105.021

 97, 71.595,
105.021

 37, 71.595,
105.021

 27, 71.595,
105.021

 17, 71.595,
105.021

 7, 71.595, 105.021

 0, 71.595, 105.021

■ 67, 71.595,
105.021

■ 67, 71.595,
105.021

■ 67, 71.590,
105.024

■ 67, 69.331,
105.083

■ 67, 65.485,
105.330

■ 67, 59.881,
105.791

■ 68, 52.923,
106.420

■ 68, 45.026,
107.171

■ 68, 36.519,
108.001

■ 68, 27.634,
108.877

■ 69, 18.523,

109.775

■ 69, 9.287, 110.674

Harmonies

Complementary

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



67, 71.595, 105.021



20, 98.565, 306.402

Rectangle

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



67, 71.595, 105.021



67, 71.595, 155.021



67, 71.595, 285.021



67, 71.595, 335.021

Sweetspot

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



67, 71.590, 105.024



87, 34.305, 108.829



35, 76.588, 40.300



46, 23.516, 108.466



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, 71.590, 105.024



85, 87.326, 105.063



62, 81.280, 129.004



36, 5.214, 110.739



59, 64.629, 104.999



6, 9.567, 112.125

Inverse Universe

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



20, 98.565, 306.402



28, 120.289, 306.370



27, 91.372, 312.752



33, 5.327, 292.455



16, 88.952, 306.423



1, 9.564, 291.375

Previews

White Background



This preview shows how the CIELCh color 67, 71.595, 105.021 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, 71.595, 105.021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

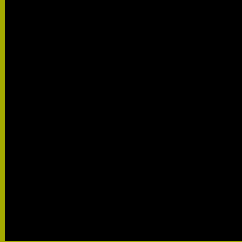
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 71.595, 105.021

Background



This preview shows how black text looks on a background with the CIELCh color 67, 71.595, 105.021.

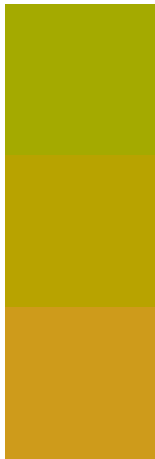


This preview shows how white text looks on a background with the CIELCh color 67, 71.595, 105.021.

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, 71.595, 105.021

Protanopia
67, 70.057, 94.923

Deuteranopia
67, 66.966, 82.701



Tritanopia
67, 9.544, 336.346

Trichromacy



Original Color
67, 71.595, 105.021

Protanomaly
67, 70.455, 98.757

Deuteranomaly
67, 67.682, 90.892

Tritanomaly
66, 29.762, 98.771

Monochromacy



Original Color
67, 71.595, 105.021

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, 71.595, 105.021 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(164, 170, 0)` looks like.

```
.text, #text, p{  
    color:rgb(164, 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(164, 170, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 170, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 71.595, 105.021 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(164, 170, 0) }
```

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

```
.border{ border-color:rgb(164, 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(164, 170, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 170, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 170, 0);  
box-shadow:4px 4px 4px 4px rgb(164, 170,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 71.595, 105.021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 170, 0) }
```

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

```
.background{ background-color: rgb(164,  
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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