

Converting Colors

CIELCh(67, 70.514, 106.993)

Have a look what the booklet for
CIELCh(67, 70.514, 106.993)
contains.

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Color

CIELCh(67, 70.576, 107.008)

Conversions

Conversions Part 1

Format	Color
Hex	A0AB0C
RGB	160, 171, 12
RGB Percent	63%, 67%, 5%
CMY	0.3725, 0.3293, 0.9528
CMYK	0.06, 0.00, 0.93, 0.33
HSL	64°, 87%, 36%
HSV	64°, 93%, 67%
XYZ	29.1314, 36.6320, 5.8841
YIQ	149.5850, 44.4830, -51.7810

Conversions

Conversions Part 2

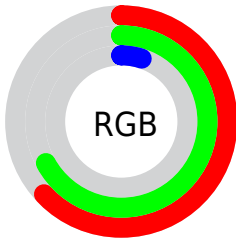
Format	Color
RYB	12, 171, 23
Decimal	10529548
CIELab	67.00, -20.64, 67.49
CIELCh	67, 70.576, 107.008
Yxy	36.6320, 0.4066, 0.5113
Android (android.graphics.Color)	4288719628 (0xFFA0AB0C)
YUV	149.5850, -67.8294, 9.1340
Hunter-Lab	60.5244, -20.0025, 36.6030

Details

The CIELCh color **67, 70.576, 107.008** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **22, 95.167, 305.939**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 70.328, 107.045**, and **47, 55.735, 110.224** is the 20% darker color. If you saturate the color by 10%, you get **67, 72.092, 107.086**, and if you desaturate by 10%, it is **67, 67.259, 107.061**.

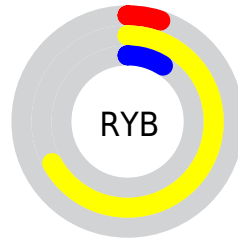
Distribution



Red (63%)

Green (67%)

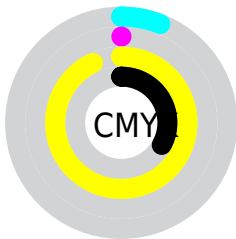
Blue (5%)



Red (5%)

Yellow (67%)

Blue (9%)

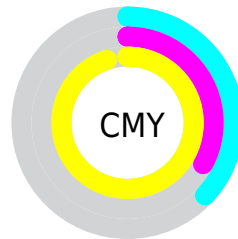


Cyan (6%)

Magenta (0%)

Yellow (93%)

Black (33%)



Cyan (37%)

Magenta (33%)


Yellow (95%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 70.576, 107.008 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, 70.576, 107.008 by changing the saturation by 10% instead.

 67, 70.576,
107.008


 67, 70.576,
107.008


 100, 70.576,
107.008

 57, 70.576,
107.008

 87, 70.576,
107.008

 47, 70.576,
107.008

 97, 70.576,
107.008

 37, 70.576,
107.008

 27, 70.576,
107.008

 17, 70.576,
107.008

 7, 70.576, 107.008

 0, 70.576, 107.008

■ 67, 70.576,
107.008

■ 67, 70.576,
107.008

■ 67, 72.092,
107.086

■ 67, 67.259,
107.061

■ 67, 62.092,
107.366

■ 68, 55.440,
107.877

■ 68, 47.730,
108.537

■ 68, 39.323,
109.295

■ 68, 30.476,
110.111

■ 69, 21.364,
110.956

■ 69, 12.101,

111.808

■ 70, 2.760, 112.643

Harmonies

Complementary

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



67, 70.576, 107.008



22, 95.167, 305.939

Rectangle

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



67, 70.576, 107.008



67, 70.576, 157.008



67, 70.576, 287.008



67, 70.576, 337.008

Sweetspot

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



67, 70.576, 107.010



87, 32.101, 110.486



37, 72.380, 39.057



46, 22.272, 110.132



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, 70.576, 107.010



85, 87.552, 107.159



62, 80.082, 129.381



37, 5.350, 112.116



59, 65.603, 107.043



7, 11.382, 114.108

Inverse Universe

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



22, 95.167, 305.939



28, 120.116, 306.459



30, 88.349, 313.957



34, 5.466, 293.737



17, 89.888, 306.549



1, 11.362, 292.400

Previews

White Background



This preview shows how the CIELCh color 67, 70.576, 107.008 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, 70.576, 107.008 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, 70.576, 107.008

Background



This preview shows how black text looks on a background with the CIELCh color 67, 70.576, 107.008.



This preview shows how white text looks on a background with the CIELCh color 67, 70.576, 107.008.

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, 70.576, 107.008

Protanopia
67, 69.283, 94.917

Deuteranopia
67, 65.884, 82.431



Tritanopia
67, 8.285, 326.977

Trichromacy



Original Color
67, 70.576, 107.008

Protanomaly
67, 69.375, 99.556

Deuteranomaly
67, 66.279, 91.584

Tritanomaly
66, 27.362, 102.845

Monochromacy



Original Color
67, 70.576, 107.008

Achromatopsia
62, 0.008, 296.813

Achromatomaly
64, 31.725, 109.807

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 70.576, 107.008 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(160, 171, 12)` looks like.

```
.text, #text, p{  
    color:rgb(160, 171, 12)  
}
```

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(160, 171, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 171, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 70.576, 107.008 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(160, 171, 12) }
```

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

```
.border{ border-color:rgb(160, 171, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 171, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 171, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 171, 12);  
box-shadow:4px 4px 4px 4px rgb(160, 171,  
12) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 70.576, 107.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 171, 12) }
```

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

```
.background{ background-color: rgb(160,  
171, 12) }
```

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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