

Converting Colors

CIELCh(67, 67.151, 107.053)

Have a look what the booklet for
CIELCh(67, 67.151, 107.053)
contains.

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Color

CIELCh(67, 67.296, 107.123)

Conversions

Conversions Part 1

Format	Color
Hex	A1AB1D
RGB	161, 171, 29
RGB Percent	63%, 67%, 11%
CMY	0.3700, 0.3307, 0.8880
CMYK	0.06, 0.00, 0.83, 0.33
HSL	64°, 71%, 39%
HSV	64°, 83%, 67%
XYZ	29.3472, 36.6320, 6.6572
YIQ	151.8220, 39.6220, -46.2820

Conversions

Conversions Part 2

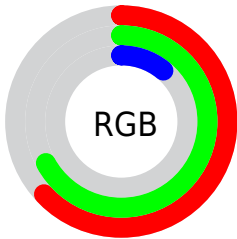
Format	Color
R _Y B	29, 171, 39
Decimal	10595101
CIE Lab	67.00, -19.81, 64.31
CIE LCh	67, 67.296, 107.123
Yxy	36.6320, 0.4040, 0.5043
Android (android.graphics.Color)	4288785181 (0xFFA1AB1D)
YUV	151.8220, -60.5512, 8.0491
Hunter-Lab	60.5244, -19.3661, 35.8457

Details

The CIELCh color $67, 67.296, 107.123$ is a dark color, and the websafe version is hex 999900 . A complement of this color would be $24, 87.939, 304.880$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 67.132, 107.067$, and $47, 55.665, 109.747$ is the 20% darker color. If you saturate the color by 10%, you get $67, 70.550, 107.088$, and if you desaturate by 10%, it is $67, 62.187, 107.420$.

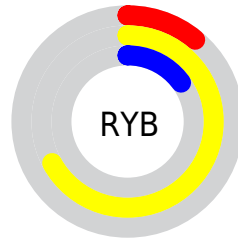
Distribution



Red (63%)

Green (67%)

Blue (11%)



Red (11%)

Yellow (67%)

Blue (15%)

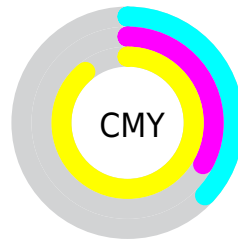


Cyan (6%)

Magenta (0%)

Yellow (83%)

Black (33%)



Cyan (37%)


Magenta (33%)


Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 67.296, 107.123 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, 67.296, 107.123 by changing the saturation by 10% instead.


 67, 67.296,
107.123


 67, 67.296,
107.123


 100, 67.296,
107.123


 57, 67.296,
107.123


 87, 67.296,
107.123

 47, 67.296,
107.123

 97, 67.296,
107.123

 37, 67.296,
107.123

 27, 67.296,
107.123

 17, 67.296,
107.123

 7, 67.296, 107.123

 0, 67.296, 107.123

■ 67, 67.296,
107.123

■ 67, 67.296,
107.123

■ 67, 70.550,
107.088

■ 67, 62.187,
107.420

■ 67, 71.996,
107.164

■ 67, 55.583,
107.923

■ 68, 47.911,
108.576

■ 68, 39.534,
109.330

■ 68, 30.711,
110.143

■ 69, 21.620,
110.985

■ 69, 12.374,
111.835

■ 70, 3.049, 112.670

Harmonies

Complementary

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



67, 67.296, 107.123



24, 87.939, 304.880

Rectangle

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



67, 67.296, 107.123



67, 67.296, 157.123



67, 67.296, 287.123



67, 67.296, 337.123

Sweetspot

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



67, 67.296, 107.125



87, 28.716, 110.801



38, 65.312, 36.716



46, 19.708, 110.512



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, 67.296, 107.125



85, 87.564, 107.239



63, 75.559, 128.747



35, 5.220, 112.173



59, 64.795, 107.114



6, 9.587, 114.004

Inverse Universe

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



24, 87.939, 304.880



28, 120.108, 306.463



32, 83.041, 314.303



33, 5.333, 293.783



17, 88.757, 306.559



1, 9.572, 292.566

Previews

White Background



This preview shows how the CIELCh color 67, 67.296, 107.123 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, 67.296, 107.123 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, 67.296, 107.123

Background



This preview shows how black text looks on a background with the CIELCh color 67, 67.296, 107.123.



This preview shows how white text looks on a background with the CIELCh color 67, 67.296, 107.123.

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, 67.296, 107.123

Protanopia
67, 65.798, 95.267

Deuteranopia
67, 63.406, 82.388



Tritanopia
67, 8.285, 326.977

Trichromacy



Original Color
67, 67.296, 107.123

Protanomaly
67, 66.014, 99.727

Deuteranomaly
67, 63.414, 91.847

Tritanomaly
66, 24.152, 102.653

Monochromacy



Original Color
67, 67.296, 107.123

Achromatopsia
62, 0.008, 296.813

Achromatomaly
64, 28.523, 109.624

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 67.296, 107.123 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(161, 171, 29)` looks like.

```
.text, #text, p{  
    color:rgb(161, 171, 29)  
}
```

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(161, 171, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 171, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 67.296, 107.123 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(161, 171, 29) }
```

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

```
.border{ border-color:rgb(161, 171, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 171, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 171, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 171, 29);  
box-shadow:4px 4px 4px 4px rgb(161, 171,  
29) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 67.296, 107.123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 171, 29) }
```

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

```
.background{ background-color: rgb(161,  
171, 29) }
```

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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