

Converting Colors

CIELCh(67, 39.154, 106.045)

Have a look what the booklet for
CIELCh(67, 39.154, 106.045)
contains.

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Color

CIELCh(67, 39.149, 106.064)

Conversions

Conversions Part 1

Format	Color
Hex	A7A75E
RGB	167, 167, 94
RGB Percent	65%, 65%, 37%
CMY	0.3453, 0.3453, 0.6316
CMYK	0.00, 0.00, 0.44, 0.35
HSL	60°, 29%, 51%
HSV	60°, 44%, 65%
XYZ	31.7496, 36.6320, 15.9742
YIQ	158.6780, 23.4330, -22.7030

Conversions

Conversions Part 2

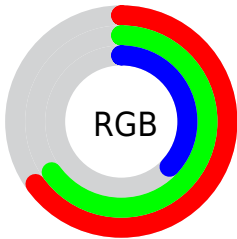
Format	Color
RYB	94, 167, 94
Decimal	10987358
CIELab	67.00, -10.83, 37.62
CIELCh	67, 39.149, 106.064
Yxy	36.6320, 0.3764, 0.4343
Android (android.graphics.Color)	4289177438 (0xFFA7A75E)
YUV	158.6780, -31.8863, 7.2984
Hunter-Lab	60.5244, -12.2810, 26.7186

Details

The CIELCh color $67, 39.149, 106.064$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $43, 43.864, 296.108$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 39.018, 106.279$, and $47, 39.111, 106.183$ is the 20% darker color. If you saturate the color by 10%, you get $67, 47.342, 105.206$, and if you desaturate by 10%, it is $67, 30.512, 106.982$.

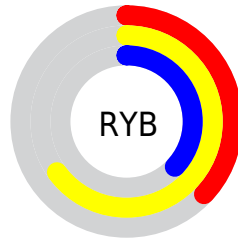
Distribution



Red (65%)

Green (65%)

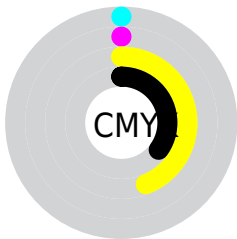
Blue (37%)



Red (37%)

Yellow (65%)

Blue (37%)

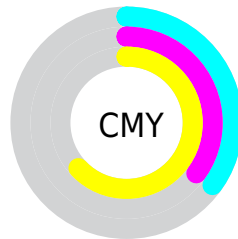


Cyan (0%)

Magenta (0%)

Yellow (44%)

Black (35%)



Cyan (35%)

Magenta (35%)

Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 39.149, 106.064 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, 39.149, 106.064 by changing the saturation by 10% instead.

 67, 39.149,
106.064


 67, 39.149,
106.064


 100, 39.149,
106.064


 57, 39.149,
106.064


 87, 39.149,
106.064

 47, 39.149,
106.064

 97, 39.149,
106.064

 37, 39.149,
106.064

 27, 39.149,
106.064

 17, 39.149,
106.064

 7, 39.149, 106.064

 0, 39.149, 106.064

67, 39.149,
106.064

67, 39.149,
106.064

67, 47.342,
105.206

67, 30.512,
106.982

67, 54.825,
104.432

68, 21.605,
107.926

67, 61.238,
103.779

68, 12.545,
108.878

66, 66.160,
103.288

68, 3.406, 109.815

66, 69.247,
102.985

69, 5.763, 290.773

66, 70.570,
102.857

69, 14.929,
291.673

70, 24.070,
292.544

70, 33.170,
293.379

■ 71, 42.215,
294.173

Harmonies

Complementary

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



67, 39.149, 106.064



43, 43.864, 296.108

Rectangle

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



67, 39.149, 106.064



67, 39.149, 156.064



67, 39.149, 286.064



67, 39.149, 336.064

Sweetspot

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



67, 39.150, 106.067



86, 14.696, 108.925



48, 32.427, 23.809



46, 10.360, 108.721



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, 39.150, 106.067



85, 56.753, 105.271



64, 42.228, 127.056



36, 5.211, 109.298



59, 64.563, 102.856



6, 9.557, 110.180

Inverse Universe

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



43, 43.864, 296.108



49, 65.736, 297.910



46, 44.954, 311.236



32, 5.323, 291.125



16, 89.150, 306.287



0, 9.559, 290.180

Previews

White Background



This preview shows how the CIELCh color 67, 39.149, 106.064 looks on a white background.

Color Contrast Check

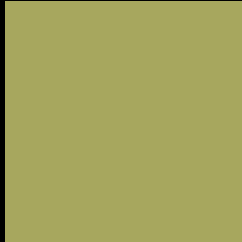
Large Text (above 18pt) WCAG AA × Fail

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, 39.149, 106.064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

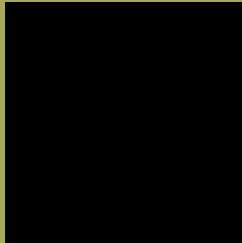
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 39.149, 106.064

Background



This preview shows how black text looks on a background with the CIELCh color 67, 39.149, 106.064.



This preview shows how white text looks on a background with the CIELCh color 67, 39.149, 106.064.

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, 39.149, 106.064

Protanopia

67, 38.465, 95.656

Deuteranopia

67, 37.622, 77.134



Tritanopia
67, 9.275, 334.667

Trichromacy



Original Color
67, 39.149, 106.064

Protanomaly
67, 38.564, 98.962

Deuteranomaly
67, 36.903, 87.692

Tritanomaly
67, 11.357, 86.159

Monochromacy



Original Color
67, 39.149, 106.064

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 14.852, 108.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 39.149, 106.064 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(167, 167, 94)` looks like.

```
.text, #text, p{  
    color:rgb(167, 167, 94)  
}
```

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(167, 167, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 167, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 39.149, 106.064 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(167, 167, 94) }
```

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

```
.border{ border-color:rgb(167, 167, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 167, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 167, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 167, 94);  
box-shadow:4px 4px 4px 4px rgb(167, 167,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 39.149, 106.064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 167, 94) }
```

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

```
.background{ background-color: rgb(167,  
167, 94) }
```

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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