

Converting Colors

CIELCh(38, 68.886, 144.965)

Have a look what the booklet for
CIELCh(38, 68.886, 144.965)
contains.

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Color

CIELCh(39, 61.126, 137.680)

Conversions

Conversions Part 1

Format	Color
Hex	006C0B
RGB	0, 108, 11
RGB Percent	0%, 42%, 4%
CMY	1.0000, 0.5781, 0.9551
CMYK	1.00, 0.00, 0.89, 0.58
HSL	126°, 100%, 21%
HSV	126°, 100%, 42%
XYZ	5.3712, 10.6589, 2.1045
YIQ	64.6500, -33.2310, -53.0630

Conversions

Conversions Part 2

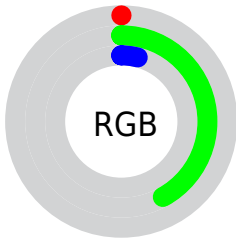
Format	Color
RYB	0, 98, 108
Decimal	27659
CIELab	39.00, -45.20, 41.15
CIELCh	39, 61.126, 137.680
Yxy	10.6589, 0.2962, 0.5878
Android (android.graphics.Color)	4278217739 (0xFF006C0B)
YUV	64.6500, -26.4494, -56.6980
Hunter-Lab	32.6480, -27.7678, 19.0318

Details

The CIELCh color **39, 61.126, 137.680** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **24, 56.561, 332.723**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **59, 61.436, 137.662**, and **21, 41.286, 137.348** is the 20% darker color. If you saturate the color by 10%, you get **39, 61.065, 137.612**, and if you desaturate by 10%, it is **39, 57.895, 138.546**.

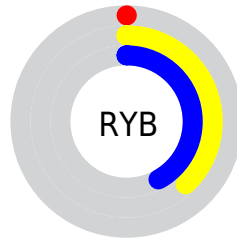
Distribution



Red (0%)

Green (42%)

Blue (4%)



Red (0%)

Yellow (38%)

Blue (42%)

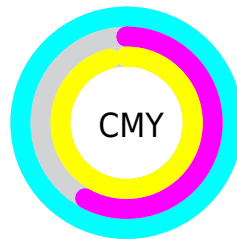


Cyan (100%)

Magenta (0%)

Yellow (89%)

Black (58%)



Cyan (100%)


Magenta (58%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 61.126, 137.680 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 39, 61.126, 137.680 by changing the saturation by 10% instead.


 39, 61.126,
137.680


 39, 61.126,
137.680

 100, 61.126,
137.680


 29, 61.126,
137.680

 59, 61.126,
137.680


 19, 61.126,
137.680


 69, 61.126,
137.680

 9, 61.126, 137.680

 79, 61.126,
137.680

 0, 61.126, 137.680

 89, 61.126,
137.680

 99, 61.126,
137.680

■ 39, 61.126,
137.680

■ 39, 61.126,
137.680

■ 39, 61.065,
137.612

■ 39, 57.895,
138.546

■ 39, 53.757,
139.821

■ 40, 48.633,
141.125

■ 40, 42.715,
142.374

■ 41, 36.193,
143.522

■ 42, 29.246,
144.547

■ 42, 22.030,
145.446

■ 43, 14.681,

146.228

■ 44, 7.308, 146.913

Harmonies

Complementary

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



39, 61.126, 137.680



24, 56.561, 332.723

Rectangle

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



39, 61.126, 137.680



39, 61.126, 187.680



39, 61.126, 317.680



39, 61.126, 7.680

Sweetspot

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



39, 61.065, 137.612



54, 27.377, 145.376



43, 51.685, 108.674



28, 18.806, 145.100



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39, 61.065, 137.612



51, 74.506, 137.250



40, 41.324, 156.015



22, 4.088, 146.980



42, 65.138, 137.480



85, 113.937, 136.801

Inverse Universe

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



24, 56.561, 332.723



32, 68.264, 332.862



21, 44.774, 8.861



21, 4.097, 327.928



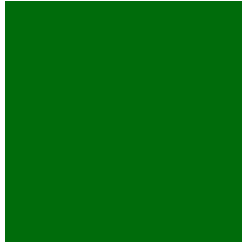
26, 60.097, 332.772



57, 102.928, 333.072

Previews

White Background



This preview shows how the CIELCh color 39, 61.126, 137.680 looks on a white 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 × Fail

Black Background



This preview shows how the CIELCh color 39, 61.126, 137.680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

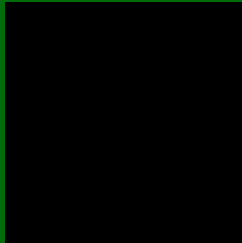
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 61.126, 137.680

Background



This preview shows how black text looks on a background with the CIELCh color 39, 61.126, 137.680.



This preview shows how white text looks on a background with the CIELCh color 39, 61.126, 137.680.

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
39, 61.339, 137.535

Protanopia
39, 45.287, 95.276

Deuteranopia
39, 38.336, 82.491



Tritanopia
39, 18.501, 212.862

Trichromacy



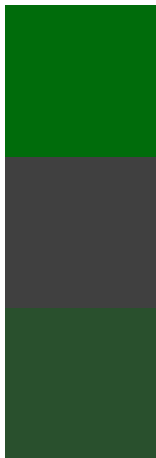
Original Color
39, 61.339, 137.535

Protanomaly
38, 48.997, 121.107

Deuteranomaly
37, 41.752, 117.868

Tritanomaly
39, 32.130, 160.910

Monochromacy



Original Color
39, 61.339, 137.535

Achromatopsia
27, 0.004, 296.813

Achromatomaly
30, 27.802, 143.744

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 61.126, 137.680 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(0, 108, 11)` looks like.

```
.text, #text, p{  
    color:rgb(0, 108, 11)  
}
```

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(0, 108, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 108, 11) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 61.126, 137.680 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(0, 108, 11) }
```

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

```
.border{ border-color:rgb(0, 108, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 108, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 108, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 108, 11);  
box-shadow:4px 4px 4px 4px rgb(0, 108, 11)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 61.126, 137.680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 108, 11) }
```

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

```
.background{ background-color: rgb(0, 108,  
11) }
```

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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