

Converting Colors

CIELCh(39, 62.945, 136.016)

Have a look what the booklet for
CIELCh(39, 62.945, 136.016)
contains.

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Color

CIELCh(39, 63.009, 136.081)

Conversions

Conversions Part 1

Format	Color
Hex	026C02
RGB	2, 108, 2
RGB Percent	1%, 42%, 1%
CMY	0.9919, 0.5780, 0.9941
CMYK	0.98, 0.00, 0.99, 0.58
HSL	120°, 97%, 21%
HSV	120°, 99%, 42%
XYZ	5.3552, 10.6589, 1.8184
YIQ	64.2220, -29.1500, -55.4380

Conversions

Conversions Part 2

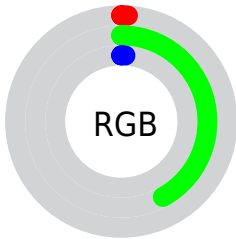
Format	Color
R_{YB}	2, 108, 108
Decimal	158722
CIE Lab	39.00, -45.39, 43.71
CIE LCh	39, 63.009, 136.081
Yxy	10.6589, 0.3003, 0.5977
Android (android.graphics.Color)	4278348802 (0xFF026C02)
YUV	64.2220, -30.6754, -54.5687
Hunter-Lab	32.6480, -27.8551, 19.5513

Details

The CIELCh color **39, 63.009, 136.081** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **24, 60.900, 328.022**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **59, 63.220, 136.286**, and **21, 41.286, 137.348** is the 20% darker color. If you saturate the color by 10%, you get **39, 63.438, 135.976**, and if you desaturate by 10%, it is **39, 60.066, 136.775**.

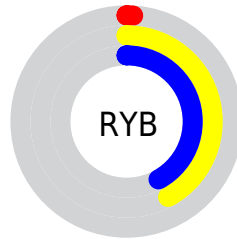
Distribution



Red (1%)

Green (42%)

Blue (1%)



Red (1%)

Yellow (42%)

Blue (42%)

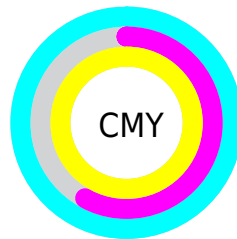


Cyan (98%)

Magenta (0%)

Yellow (99%)

Black (58%)



Cyan (99%)


Magenta (58%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 63.009, 136.081 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, 63.009, 136.081 by changing the saturation by 10% instead.


 39, 63.009,
136.081


 39, 63.009,
136.081


 100, 63.009,
136.081


 29, 63.009,
136.081

 59, 63.009,
136.081


 19, 63.009,
136.081


 69, 63.009,
136.081

 9, 63.009, 136.081

 79, 63.009,
136.081

 0, 63.009, 136.081

 89, 63.009,
136.081

 99, 63.009,
136.081

■ 39, 63.009,
136.081

■ 39, 63.009,
136.081

■ 39, 63.438,
135.976

■ 39, 60.066,
136.775

■ 39, 56.168,
137.606

■ 40, 50.970,
138.611

■ 40, 44.751,
139.671

■ 41, 37.790,
140.699

■ 42, 30.328,
141.643

■ 42, 22.565,
142.484

■ 43, 14.662,

143.220

■ 44, 6.742, 143.862

Harmonies

Complementary

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



39, 63.009, 136.081



24, 60.900, 328.022

Rectangle

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



39, 63.009, 136.081



39, 63.009, 186.081



39, 63.009, 316.081



39, 63.009, 6.081

Sweetspot

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



39, 63.009, 136.082



54, 29.410, 142.306



43, 50.388, 101.909



28, 20.199, 142.042



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, 63.009, 136.082



50, 76.737, 135.986



39, 46.342, 149.805



22, 4.392, 143.840



42, 67.453, 135.980



85, 116.107, 136.001

Inverse Universe

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



24, 60.900, 328.022



33, 74.084, 328.034



22, 45.038, 357.870



21, 4.400, 324.742



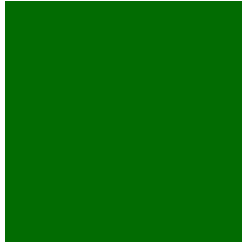
27, 65.127, 328.038



58, 112.071, 328.026

Previews

White Background



This preview shows how the CIELCh color 39, 63.009, 136.081 looks on a white background.

Color Contrast Check

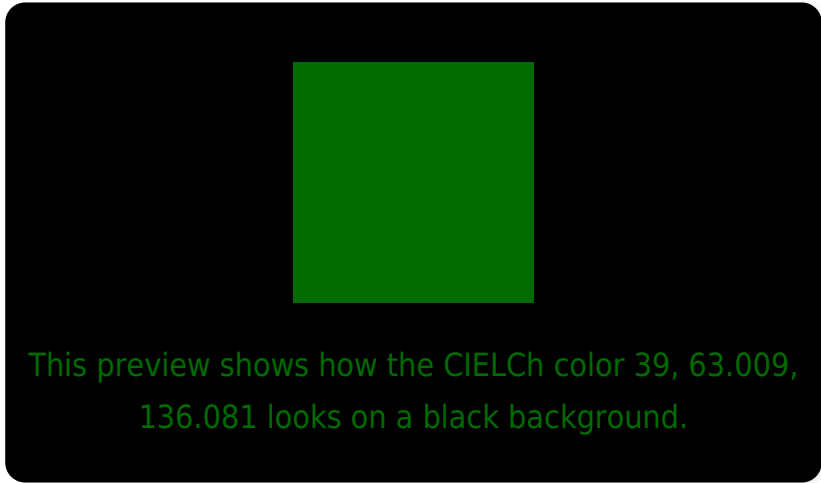
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

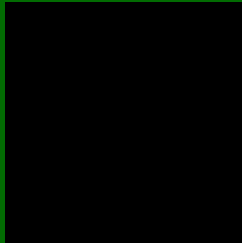
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 63.009, 136.081

Background



This preview shows how black text looks on a background with the CIELCh color 39, 63.009, 136.081.



This preview shows how white text looks on a background with the CIELCh color 39, 63.009, 136.081.

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, 63.072, 136.154

Protanopia
39, 46.445, 95.284

Deuteranopia
39, 39.801, 82.274



Tritanopia
39, 18.501, 212.862

Trichromacy



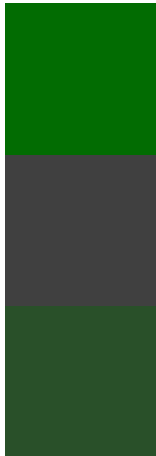
Original Color
39, 63.072, 136.154

Protanomaly
38, 50.407, 119.893

Deuteranomaly
37, 43.608, 115.745

Tritanomaly
39, 33.834, 157.790

Monochromacy



Original Color
39, 63.072, 136.154

Achromatopsia
27, 0.004, 296.813

Achromatomaly
30, 29.786, 140.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 63.009, 136.081 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(2, 108, 2)` looks like.

```
.text, #text, p{  
    color:rgb(2, 108, 2)  
}
```

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(2, 108, 2) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 39, 63.009, 136.081 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(2, 108, 2) }
```

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

```
.border{ border-color:rgb(2, 108, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 108, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 108, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 108, 2); box-shadow:4px  
4px 4px 4px rgb(2, 108, 2) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 63.009, 136.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 108, 2) }
```

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

```
.background{ background-color: rgb(2, 108,  
2) }
```

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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