

Converting Colors

CIELCh(39, 51.728, 119.721)

Have a look what the booklet for
CIELCh(39, 51.728, 119.721)
contains.

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Color

CIELCh(39, 51.641, 119.389)

Conversions

Conversions Part 1

Format	Color
Hex	466500
RGB	70, 101, 0
RGB Percent	27%, 40%, 0%
CMY	0.7246, 0.6031, 0.9990
CMYK	0.31, 0.00, 1.00, 0.60
HSL	78°, 99%, 20%
HSV	78°, 100%, 40%
XYZ	7.2170, 10.6589, 1.6842
YIQ	80.2170, 13.9450, -37.9830

Conversions

Conversions Part 2

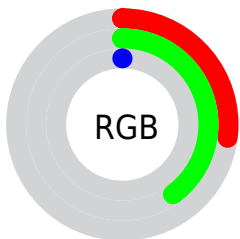
Format	Color
RYB	0, 101, 31
Decimal	4613376
CIELab	39.00, -25.34, 45.00
CIELCh	39, 51.641, 119.389
Yxy	10.6589, 0.3690, 0.5449
Android (android.graphics.Color)	4282803456 (0xFF466500)
YUV	80.2170, -39.5470, -8.9603
Hunter-Lab	32.6480, -17.6759, 19.7950

Details

The CIELCh color **39, 51.641, 119.389** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **11, 65.221, 308.939**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 51.486, 119.406**, and **19, 35.487, 131.671** is the 20% darker color. If you saturate the color by 10%, you get **39, 51.719, 119.397**, and if you desaturate by 10%, it is **39, 48.700, 119.016**.

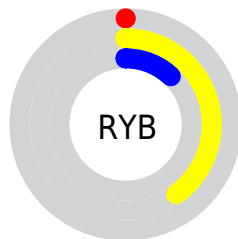
Distribution



Red (27%)

Green (40%)

Blue (0%)



Red (0%)

Yellow (40%)

Blue (12%)

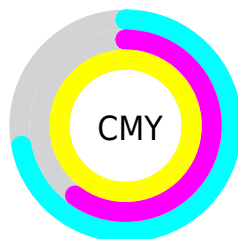


Cyan (31%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (72%)


Magenta (60%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 51.641, 119.389 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, 51.641, 119.389 by changing the saturation by 10% instead.


 39, 51.641,
119.389


 39, 51.641,
119.389

 100, 51.641,
119.389


 29, 51.641,
119.389

 59, 51.641,
119.389


 19, 51.641,
119.389


 69, 51.641,
119.389

 9, 51.641, 119.389

 79, 51.641,
119.389

 0, 51.641, 119.389

 89, 51.641,
119.389

 99, 51.641,
119.389

■ 39, 51.641,
119.389

■ 39, 51.641,
119.389

■ 39, 51.719,
119.397

■ 39, 48.700,
119.016

■ 40, 45.296,
118.738

■ 40, 40.942,
118.776

■ 40, 35.886,
119.039

■ 40, 30.348,
119.444

■ 41, 24.496,
119.934

■ 41, 18.449,
120.467

■ 42, 12.289,

121.014

■ 42, 6.071, 121.558

Harmonies

Complementary

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



39, 51.641, 119.389



11, 65.221, 308.939

Rectangle

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



39, 51.641, 119.389



39, 51.641, 169.389



39, 51.641, 299.389



39, 51.641, 349.389

Sweetspot

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



39, 51.641, 119.391



53, 23.217, 120.405



23, 45.136, 47.501



27, 15.687, 120.246



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



39, 51.641, 119.391



51, 62.874, 119.817



37, 59.151, 134.084



21, 3.519, 121.602



44, 56.597, 119.604



88, 98.689, 120.465

Inverse Universe

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



11, 65.221, 308.939



16, 79.549, 308.676



19, 59.590, 321.096



19, 3.579, 302.547



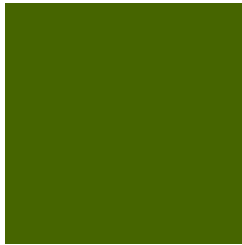
13, 71.573, 308.819



34, 125.012, 308.265

Previews

White Background



This preview shows how the CIELCh color 39, 51.641, 119.389 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, 51.641, 119.389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

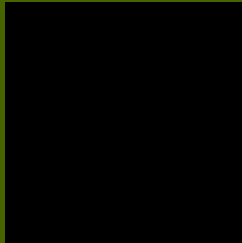
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 51.641, 119.389

Background



This preview shows how black text looks on a background with the CIELCh color 39, 51.641, 119.389.



This preview shows how white text looks on a background with the CIELCh color 39, 51.641, 119.389.

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](#).

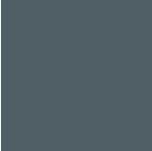
Dichromacy



Original Color
39, 51.641, 119.389

Protanopia
39, 46.445, 95.284

Deuteranopia
39, 41.340, 82.798



Tritanopia
39, 7.228, 241.761

Trichromacy



Original Color
39, 51.641, 119.389

Protanomaly
39, 47.085, 104.684

Deuteranomaly
38, 42.771, 98.612

Tritanomaly
39, 21.483, 132.901

Monochromacy



Original Color
39, 51.641, 119.389

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 23.132, 120.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 51.641, 119.389 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(70, 101, 0)` looks like.

```
.text, #text, p{  
    color:rgb(70, 101, 0)  
}
```

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(70, 101, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 101, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 51.641, 119.389 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(70, 101, 0) }
```

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

```
.border{ border-color:rgb(70, 101, 0) }
```

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

Here you see how a box with a 4 pixel rgb(70, 101, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 101, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 101, 0);  
box-shadow:4px 4px 4px 4px rgb(70, 101, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 51.641, 119.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 101, 0) }
```

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

```
.background{ background-color: rgb(70, 101,  
0) }
```

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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