

Converting Colors

CIELCh(39, 60.376, 133.090)

Have a look what the booklet for
CIELCh(39, 60.376, 133.090)
contains.

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Color

CIELCh(39, 60.132, 133.111)

Conversions

Conversions Part 1

Format	Color
Hex	1E6A01
RGB	30, 106, 1
RGB Percent	12%, 42%, 0%
CMY	0.8842, 0.5828, 0.9942
CMYK	0.72, 0.00, 0.99, 0.58
HSL	104°, 97%, 21%
HSV	104°, 99%, 42%
XYZ	5.7230, 10.6589, 1.7979
YIQ	71.3060, -11.5910, -48.7670

Conversions

Conversions Part 2

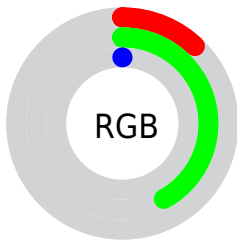
Format	Color
RYB	1, 106, 77
Decimal	1993217
CIELab	39.00, -41.10, 43.90
CIELCh	39, 60.132, 133.111
Yxy	10.6589, 0.3148, 0.5863
Android (android.graphics.Color)	4280183297 (0xFF1E6A01)
YUV	71.3060, -34.6609, -36.2254
Hunter-Lab	32.6480, -25.8441, 19.5885

Details

The CIELCh color **39, 60.132, 133.111** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **19, 61.940, 318.877**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 59.730, 132.828**, and **20, 40.183, 137.651** is the 20% darker color. If you saturate the color by 10%, you get **39, 60.602, 133.085**, and if you desaturate by 10%, it is **39, 56.749, 133.045**.

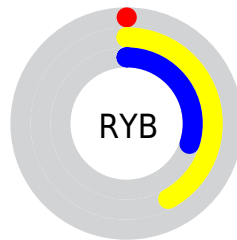
Distribution



Red (12%)

Green (42%)

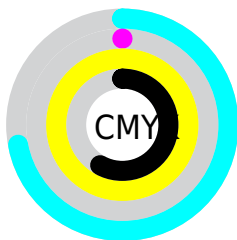
Blue (0%)



Red (0%)

Yellow (42%)

Blue (30%)

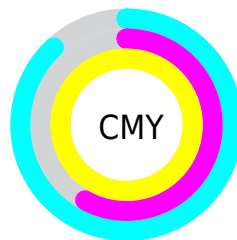


Cyan (72%)

Magenta (0%)

Yellow (99%)

Black (58%)



Cyan (88%)


Magenta (58%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 60.132, 133.111 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, 60.132, 133.111 by changing the saturation by 10% instead.


 39, 60.132,
133.111


 39, 60.132,
133.111

 100, 60.132,
133.111


 29, 60.132,
133.111

 59, 60.132,
133.111


 19, 60.132,
133.111


 69, 60.132,
133.111

 9, 60.132, 133.111

 79, 60.132,
133.111

 0, 60.132, 133.111

 89, 60.132,
133.111

 99, 60.132,
133.111

■ 39, 60.132,
133.111

■ 39, 60.132,
133.111

■ 39, 60.602,
133.085

■ 39, 56.749,
133.045

■ 40, 52.535,
133.062

■ 40, 47.264,
133.356

■ 40, 41.212,
133.817

■ 41, 34.627,
134.357

■ 42, 27.703,
134.916

■ 42, 20.586,
135.457

■ 43, 13.381,

135.961

■ 44, 6.169, 136.426

Harmonies

Complementary

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



39, 60.132, 133.111



19, 61.940, 318.877

Rectangle

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



39, 60.132, 133.111



39, 60.132, 183.111



39, 60.132, 313.111



39, 60.132, 3.111

Sweetspot

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



39, 60.132, 133.112



54, 26.667, 135.340



35, 43.358, 81.833



27, 18.045, 135.177



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



39, 60.132, 133.112



50, 73.219, 133.425



39, 56.938, 140.043



22, 4.047, 136.410



43, 65.070, 133.225



85, 112.941, 133.915

Inverse Universe

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



19, 61.940, 318.877



26, 75.207, 318.624



23, 51.532, 338.391



21, 4.075, 317.096



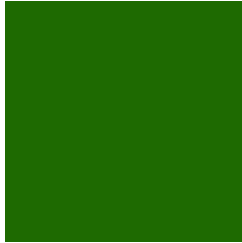
21, 66.956, 318.761



47, 115.518, 318.263

Previews

White Background



This preview shows how the CIELCh color 39, 60.132, 133.111 looks on a white background.

Color Contrast Check

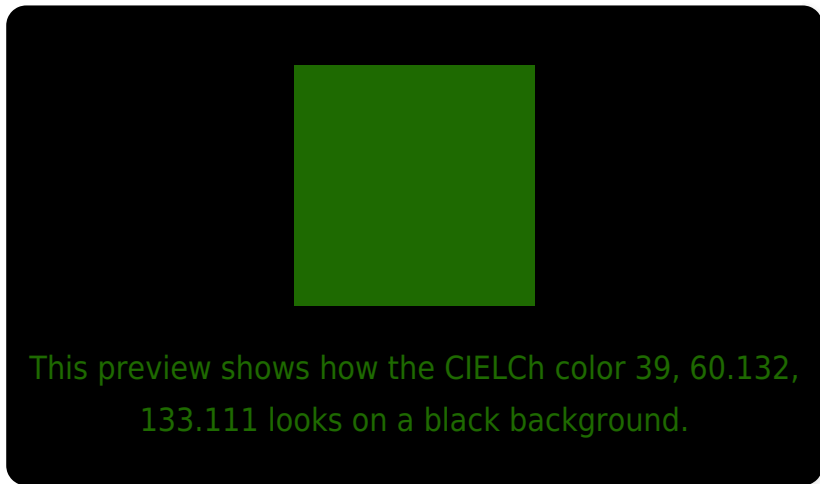
Large Text (above 18pt) WCAG AA ✓ Pass

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, 60.132, 133.111

Background



This preview shows how black text looks on a background with the CIELCh color 39, 60.132, 133.111.



This preview shows how white text looks on a background with the CIELCh color 39, 60.132, 133.111.

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, 60.005, 132.938

Protanopia
39, 46.373, 95.909

Deuteranopia
39, 39.586, 82.941



Tritanopia
39, 16.598, 214.909

Trichromacy



Original Color
39, 60.005, 132.938

Protanomaly
38, 48.754, 115.002

Deuteranomaly
38, 42.801, 110.124

Tritanomaly
39, 30.371, 154.553

Monochromacy



Original Color
39, 60.005, 132.938

Achromatopsia
30, 0.005, 296.813

Achromatomaly
33, 26.653, 134.741

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 60.132, 133.111 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(30, 106, 1)` looks like.

```
.text, #text, p{  
    color:rgb(30, 106, 1)  
}
```

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(30, 106, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 106, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 60.132, 133.111 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(30, 106, 1) }
```

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

```
.border{ border-color:rgb(30, 106, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 106, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 106, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 106, 1);  
box-shadow:4px 4px 4px 4px rgb(30, 106, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 60.132, 133.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 106, 1) }
```

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

```
.background{ background-color: rgb(30, 106,  
1) }
```

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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