

Converting Colors

CIELCh(39, 61.289, 134.905)

Have a look what the booklet for
CIELCh(39, 61.289, 134.905)
contains.

CIELCh(39, 61.226, 134.858)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(39, 61.226, 134.858)

Conversions

Conversions Part 1

Format	Color
Hex	136B03
RGB	19, 107, 3
RGB Percent	7%, 42%, 1%
CMY	0.9255, 0.5804, 0.9883
CMYK	0.82, 0.00, 0.97, 0.58
HSL	111°, 95%, 22%
HSV	111°, 97%, 42%
XYZ	5.5418, 10.6589, 1.8512
YIQ	68.8320, -19.0640, -51.0000

Conversions

Conversions Part 2

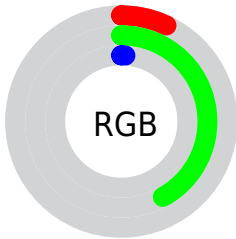
Format	Color
R_{YB}	3, 107, 91
Decimal	1272579
CIE Lab	39.00, -43.19, 43.40
CIE LCh	39, 61.226, 134.858
Yxy	10.6589, 0.3070, 0.5905
Android (android.graphics.Color)	4279462659 (0xFF136B03)
YUV	68.8320, -32.4552, -43.7027
Hunter-Lab	32.6480, -26.8350, 19.4918

Details

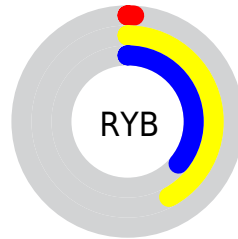
The CIELCh color **39, 61.226, 134.858** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **21, 60.867, 322.666**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 61.110, 134.889**, and **20, 40.737, 137.495** is the 20% darker color. If you saturate the color by 10%, you get **39, 62.114, 134.711**, and if you desaturate by 10%, it is **39, 57.945, 135.099**.

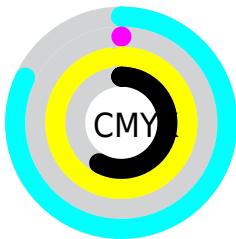
Distribution



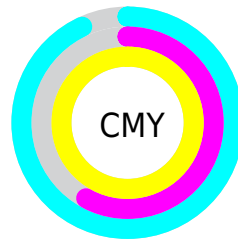
- Red (7%)
- Green (42%)
- Blue (1%)



- Red (1%)
- Yellow (42%)
- Blue (36%)



- Cyan (82%)
- Magenta (0%)
- Yellow (97%)
- Black (58%)





- Cyan (93%)
- Magenta (58%)
- Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 61.226, 134.858 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, 61.226, 134.858 by changing the saturation by 10% instead.


 39, 61.226,
134.858


 39, 61.226,
134.858

 100, 61.226,
134.858


 29, 61.226,
134.858

 59, 61.226,
134.858


 19, 61.226,
134.858


 69, 61.226,
134.858

 9, 61.226, 134.858

 79, 61.226,
134.858

 0, 61.226, 134.858

 89, 61.226,
134.858

 99, 61.226,
134.858

■ 39, 61.226,
134.858

■ 39, 61.226,
134.858

■ 39, 62.114,
134.711

■ 39, 57.945,
135.099

■ 40, 53.606,
135.463

■ 40, 48.151,
136.045

■ 40, 41.868,
136.736

■ 41, 35.014,
137.453

■ 42, 27.795,
138.145

■ 43, 20.370,
138.784

■ 43, 12.860,

139.360

■ 44, 5.356, 139.879

Harmonies

Complementary

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



39, 61.226, 134.858



21, 60.867, 322.666

Rectangle

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



39, 61.226, 134.858



39, 61.226, 184.858



39, 61.226, 314.858



39, 61.226, 4.858

Sweetspot

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



39, 61.226, 134.859



55, 27.114, 138.623



39, 45.259, 91.678



28, 18.738, 138.415



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, 61.226, 134.859



51, 75.676, 134.958



39, 52.242, 143.786



22, 4.188, 139.789



43, 66.392, 134.804



85, 114.954, 135.269

Inverse Universe

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



21, 60.867, 322.666



29, 74.979, 322.481



23, 47.730, 345.701



21, 4.206, 320.541



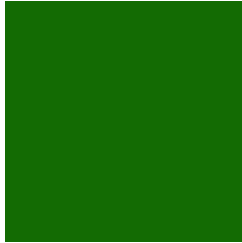
24, 65.893, 322.577



52, 113.510, 322.260

Previews

White Background



This preview shows how the CIELCh color 39, 61.226, 134.858 looks on a white background.

Color Contrast Check

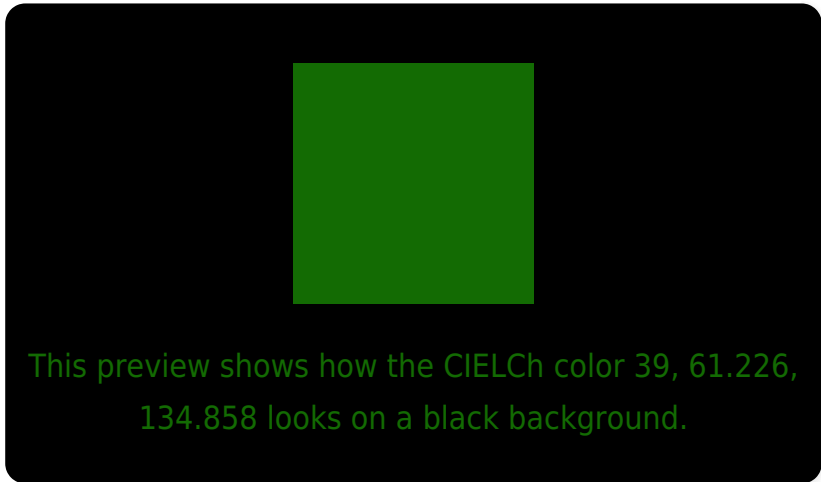
Large Text (above 18pt) WCAG AA ✓ Pass

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, 61.226, 134.858

Background



This preview shows how black text looks on a background with the CIELCh color 39, 61.226, 134.858.



This preview shows how white text looks on a background with the CIELCh color 39, 61.226, 134.858.

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, 61.226, 134.858

Protanopia
39, 46.373, 95.909

Deuteranopia
39, 39.586, 82.941



Tritanopia
39, 17.633, 215.894

Trichromacy



Original Color
39, 61.226, 134.858

Protanomaly
38, 49.243, 117.086

Deuteranomaly
37, 42.779, 112.790

Tritanomaly
38, 31.376, 157.319

Monochromacy



Original Color
39, 61.226, 134.858

Achromatopsia
29, 0.005, 296.813

Achromatomaly
32, 27.575, 137.554

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 61.226, 134.858 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(19, 107, 3)` looks like.

```
.text, #text, p{  
    color:rgb(19, 107, 3)  
}
```

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(19, 107, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 107, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 61.226, 134.858 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(19, 107, 3) }
```

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

```
.border{ border-color:rgb(19, 107, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 107, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 107, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 107, 3);  
box-shadow:4px 4px 4px 4px rgb(19, 107, 3)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 61.226, 134.858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 107, 3) }
```

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

```
.background{ background-color: rgb(19, 107,  
3) }
```

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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