

Converting Colors

CIELCh(39, 38.248, 157.459)

Have a look what the booklet for
CIELCh(39, 38.248, 157.459)
contains.

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Color

CIELCh(39, 37.919, 157.692)

Conversions

Conversions Part 1

Format	Color
Hex	0D6943
RGB	13, 105, 67
RGB Percent	5%, 41%, 26%
CMY	0.9504, 0.5870, 0.7361
CMYK	0.88, 0.00, 0.36, 0.59
HSL	155°, 79%, 23%
HSV	155°, 88%, 41%
XYZ	6.2662, 10.6589, 7.0826
YIQ	73.1600, -42.6340, -31.3220

Conversions

Conversions Part 2

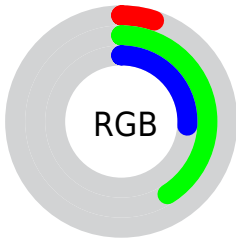
Format	Color
RYB	13, 71, 105
Decimal	878915
CIELab	39.00, -35.08, 14.39
CIElCh	39, 37.919, 157.692
Yxy	10.6589, 0.2610, 0.4440
Android (android.graphics.Color)	4279068995 (0xFF0D6943)
YUV	73.1600, -3.0369, -52.7603
Hunter-Lab	32.6480, -22.8742, 9.9914

Details

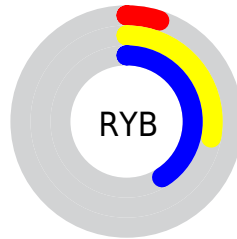
The CIELCh color **39, 37.919, 157.692** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **22, 41.377, 3.450**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 37.797, 157.369**, and **20, 30.681, 149.150** is the 20% darker color. If you saturate the color by 10%, you get **39, 40.595, 155.789**, and if you desaturate by 10%, it is **39, 34.927, 159.538**.

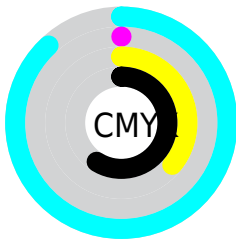
Distribution



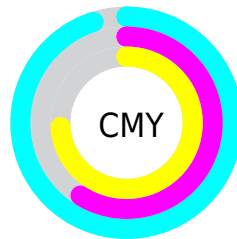
- Red (5%)
- Green (41%)
- Blue (26%)



- Red (5%)
- Yellow (28%)
- Blue (41%)



- Cyan (88%)
- Magenta (0%)
- Yellow (36%)
- Black (59%)





- Cyan (95%)
- Magenta (59%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 37.919, 157.692 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, 37.919, 157.692 by changing the saturation by 10% instead.


 39, 37.919,
157.692


 39, 37.919,
157.692

 100, 37.919,
157.692


 29, 37.919,
157.692

 59, 37.919,
157.692


 19, 37.919,
157.692


 69, 37.919,
157.692

 9, 37.919, 157.692

 79, 37.919,
157.692

 0, 37.919, 157.692

 89, 37.919,
157.692

 99, 37.919,
157.692

■ 39, 37.919,
157.692

■ 39, 37.919,
157.692

■ 39, 40.595,
155.789

■ 39, 34.927,
159.538

■ 39, 41.133,
155.436

■ 40, 31.480,
161.197

■ 40, 27.604,
162.680

■ 41, 23.353,
164.007

■ 41, 18.798,
165.197

■ 42, 14.012,
166.274

■ 43, 9.071, 167.258

■ 44, 4.041, 168.186

Harmonies

Complementary

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



39, 37.919, 157.692



22, 41.377, 3.450

Rectangle

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



39, 37.919, 157.692



39, 37.919, 207.692



39, 37.919, 337.692



39, 37.919, 27.692

Sweetspot

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



39, 37.919, 157.692



54, 16.238, 166.401



39, 53.830, 129.279



27, 10.900, 166.151



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, 37.919, 157.692



50, 50.492, 154.731



37, 22.987, 208.871



22, 2.881, 168.094



43, 44.652, 155.133



86, 78.930, 153.691

Inverse Universe

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



22, 41.377, 3.450



29, 53.461, 9.313



22, 45.966, 37.185



21, 2.929, 349.479



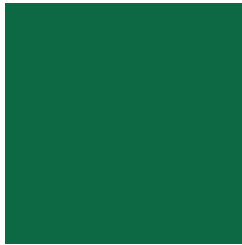
24, 47.594, 8.426



52, 82.227, 11.671

Previews

White Background



This preview shows how the CIELCh color 39, 37.919, 157.692 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 CIE LCh color 39, 37.919, 157.692 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, 37.919, 157.692

Background



This preview shows how black text looks on a background with the CIELCh color 39, 37.919, 157.692.



This preview shows how white text looks on a background with the CIELCh color 39, 37.919, 157.692.

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, 37.834, 157.608

Protanopia
39, 19.028, 97.182

Deuteranopia
39, 13.734, 68.558



Tritanopia
39, 19.756, 211.722

Trichromacy



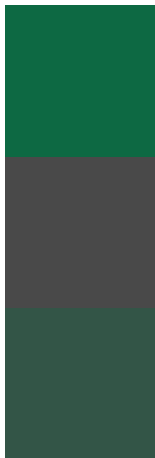
Original Color
39, 37.834, 157.608

Protanomaly
38, 24.232, 138.493

Deuteranomaly
38, 17.342, 139.691

Tritanomaly
39, 24.439, 183.295

Monochromacy



Original Color
39, 37.834, 157.608

Achromatopsia
31, 0.005, 296.813

Achromatomaly
33, 16.578, 165.010

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 37.919, 157.692 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(13, 105, 67)` looks like.

```
.text, #text, p{  
    color:rgb(13, 105, 67)  
}
```

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(13, 105, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 105, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 37.919, 157.692 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(13, 105, 67) }
```

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

```
.border{ border-color:rgb(13, 105, 67) }
```

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

Here you see how a box with a 4 pixel rgb(13, 105, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 105, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 105, 67);  
box-shadow:4px 4px 4px 4px rgb(13, 105,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 37.919, 157.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 105, 67) }
```

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

```
.background{ background-color: rgb(13, 105,  
67) }
```

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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