

Converting Colors

CIELCh(39, 36.468, 159.376)

Have a look what the booklet for
CIELCh(39, 36.468, 159.376)
contains.

CIELCh(39, 36.362, 159.466)	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, 36.362, 159.466)

Conversions

Conversions Part 1

Format	Color
Hex	0F6946
RGB	15, 105, 70
RGB Percent	6%, 41%, 27%
CMY	0.9408, 0.5880, 0.7253
CMYK	0.86, 0.00, 0.33, 0.59
HSL	157°, 75%, 24%
HSV	157°, 86%, 41%
XYZ	6.3625, 10.6589, 7.5244
YIQ	74.1000, -42.4050, -29.9650

Conversions

Conversions Part 2

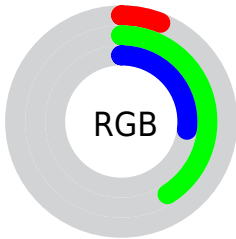
Format	Color
RYB	15, 71, 105
Decimal	1009990
CIELab	39.00, -34.05, 12.75
CIELCh	39, 36.362, 159.466
Yxy	10.6589, 0.2592, 0.4342
Android (android.graphics.Color)	4279200070 (0xFF0F6946)
YUV	74.1000, -2.0213, -51.8307
Hunter-Lab	32.6480, -22.3477, 9.1890

Details

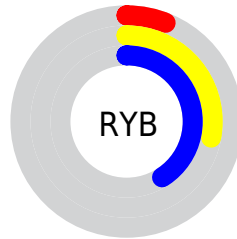
The CIELCh color **39, 36.362, 159.466** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **22, 40.624, 4.391**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 36.611, 159.274**, and **20, 29.718, 150.724** is the 20% darker color. If you saturate the color by 10%, you get **39, 38.960, 157.550**, and if you desaturate by 10%, it is **39, 33.377, 161.255**.

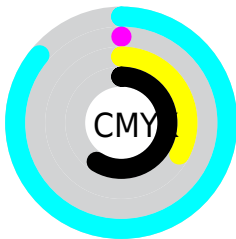
Distribution



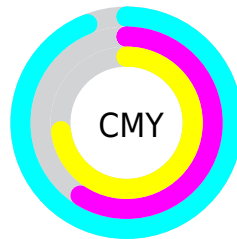
- Red (6%)
- Green (41%)
- Blue (27%)



- Red (6%)
- Yellow (28%)
- Blue (41%)



- Cyan (86%)
- Magenta (0%)
- Yellow (33%)
- Black (59%)



- Cyan (94%)
- Magenta (59%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 36.362, 159.466 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, 36.362, 159.466 by changing the saturation by 10% instead.

 39, 36.362,
159.466

 39, 36.362,
159.466

 100, 36.362,
159.466

 29, 36.362,
159.466

 59, 36.362,
159.466

 19, 36.362,
159.466

 69, 36.362,
159.466

 9, 36.362, 159.466

 79, 36.362,
159.466

 0, 36.362, 159.466

 89, 36.362,
159.466

 99, 36.362,
159.466

■ 39, 36.362,
159.466

■ 39, 36.362,
159.466

■ 39, 38.960,
157.550

■ 39, 33.377,
161.255

■ 39, 40.084,
156.772

■ 40, 29.940,
162.860

■ 40, 26.084,
164.297

■ 41, 21.867,
165.586

■ 41, 17.357,
166.747

■ 42, 12.629,
167.802

■ 43, 7.755, 168.774

■ 44, 2.799, 169.719

Harmonies

Complementary

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



39, 36.362, 159.466



22, 40.624, 4.391

Rectangle

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



39, 36.362, 159.466



39, 36.362, 209.466



39, 36.362, 339.466



39, 36.362, 29.466

Sweetspot

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



39, 36.362, 159.466



54, 15.984, 167.689



39, 53.101, 129.678



27, 10.727, 167.437



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, 36.362, 159.466



50, 49.277, 156.065



37, 22.447, 211.365



22, 2.840, 169.394



43, 43.588, 156.463



86, 76.984, 155.029

Inverse Universe

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



22, 40.624, 4.391



28, 53.604, 11.328



23, 44.380, 37.522



21, 2.891, 350.795



24, 47.689, 10.411



52, 82.603, 13.760

Previews

White Background



This preview shows how the CIE LCh color 39, 36.362, 159.466 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, 36.362, 159.466 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, 36.362, 159.466

Background



This preview shows how black text looks on a background with the CIELCh color 39, 36.362, 159.466.



This preview shows how white text looks on a background with the CIELCh color 39, 36.362, 159.466.

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, 36.362, 159.466

Protanopia

39, 16.820, 94.662

Deuteranopia

39, 11.981, 65.183



Tritanopia
39, 19.756, 211.722

Trichromacy



Original Color
39, 36.362, 159.466

Protanomaly
38, 21.997, 140.817

Deuteranomaly
38, 15.797, 143.108

Tritanomaly
39, 24.007, 184.616

Monochromacy



Original Color
39, 36.362, 159.466

Achromatopsia
31, 0.005, 296.813

Achromatomaly
33, 15.207, 167.514

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 36.362, 159.466 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(15, 105, 70)` looks like.

```
.text, #text, p{  
    color:rgb(15, 105, 70)  
}
```

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(15, 105, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 105, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 36.362, 159.466 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(15, 105, 70) }
```

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

```
.border{ border-color:rgb(15, 105, 70) }
```

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

Here you see how a box with a 4 pixel rgb(15, 105, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 105, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 105, 70);  
box-shadow:4px 4px 4px 4px rgb(15, 105,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 36.362, 159.466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 105, 70) }
```

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

```
.background{ background-color: rgb(15, 105,  
70) }
```

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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