

Converting Colors

CIELCh(39, 33.929, 167.089)

Have a look what the booklet for
CIELCh(39, 33.929, 167.089)
contains.

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Color

CIELCh(39, 33.786, 167.386)

Conversions

Conversions Part 1

Format	Color
Hex	01694F
RGB	1, 105, 79
RGB Percent	0%, 41%, 31%
CMY	0.9966, 0.5885, 0.6904
CMYK	0.99, 0.00, 0.25, 0.59
HSL	165°, 98%, 21%
HSV	165°, 99%, 41%
XYZ	6.4647, 10.6589, 9.1021
YIQ	70.9400, -53.6380, -30.1340

Conversions

Conversions Part 2

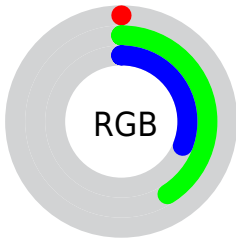
Format	Color
RYB	1, 60, 105
Decimal	92495
CIELab	39.00, -32.97, 7.38
CIELCh	39, 33.786, 167.386
Yxy	10.6589, 0.2465, 0.4064
Android (android.graphics.Color)	4278282575 (0xFF01694F)
YUV	70.9400, 3.9736, -61.3374
Hunter-Lab	32.6480, -21.7890, 6.3240

Details

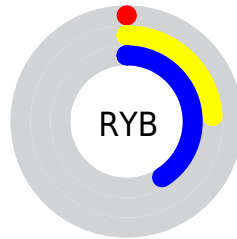
The CIELCh color **39, 33.786, 167.386** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **20, 45.619, 21.867**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 33.772, 167.286**, and **20, 25.372, 159.314** is the 20% darker color. If you saturate the color by 10%, you get **39, 33.939, 167.256**, and if you desaturate by 10%, it is **39, 31.957, 169.059**.

Distribution



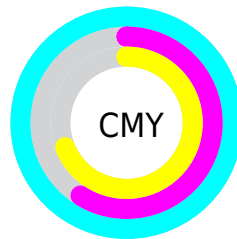
- Red (0%)
- Green (41%)
- Blue (31%)



- Red (0%)
- Yellow (24%)
- Blue (41%)



- Cyan (99%)
- Magenta (0%)
- Yellow (25%)
- Black (59%)





- Cyan (100%)
- Magenta (59%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 33.786, 167.386 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, 33.786, 167.386 by changing the saturation by 10% instead.


 39, 33.786,
167.386


 39, 33.786,
167.386

 100, 33.786,
167.386


 29, 33.786,
167.386

 59, 33.786,
167.386


 19, 33.786,
167.386


 69, 33.786,
167.386

 9, 33.786, 167.386

 79, 33.786,
167.386

 0, 33.786, 167.386

 89, 33.786,
167.386

 99, 33.786,
167.386

■ 39, 33.786,
167.386

■ 39, 33.786,
167.386

■ 39, 33.939,
167.256

■ 39, 31.957,
169.059

■ 39, 29.866,
170.703

■ 40, 27.307,
172.187

■ 40, 24.292,
173.529

■ 41, 20.860,
174.750

■ 41, 17.067,
175.869

■ 42, 12.980,
176.905

■ 43, 8.667, 177.878

Harmonies

Complementary

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



39, 33.786, 167.386



20, 45.619, 21.867

Rectangle

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



39, 33.786, 167.386



39, 33.786, 217.386



39, 33.786, 347.386



39, 33.786, 37.386

Sweetspot

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



39, 33.786, 167.385



53, 16.378, 176.741



38, 59.945, 133.385



27, 11.192, 176.424



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, 33.786, 167.385



50, 41.011, 166.666



31, 23.409, 243.304



22, 2.612, 178.837



44, 36.873, 166.981



86, 64.611, 165.704

Inverse Universe

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



20, 45.619, 21.867



28, 55.599, 23.877



23, 47.399, 44.847



21, 2.688, 0.260



23, 49.931, 22.978



52, 88.035, 26.582

Previews

White Background



This preview shows how the CIE LCh color 39, 33.786, 167.386 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, 33.786, 167.386 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, 33.786, 167.386

Background



This preview shows how black text looks on a background with the CIELCh color 39, 33.786, 167.386.



This preview shows how white text looks on a background with the CIELCh color 39, 33.786, 167.386.

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, 33.786, 167.386

Protanopia

39, 11.870, 95.040

Deuteranopia

39, 7.752, 43.312



Tritanopia
39, 20.904, 210.777

Trichromacy



Original Color
39, 33.786, 167.386

Protanomaly
38, 19.633, 153.712

Deuteranomaly
37, 13.748, 165.059

Tritanomaly
39, 24.307, 190.638

Monochromacy



Original Color
39, 33.786, 167.386

Achromatopsia
30, 0.005, 296.813

Achromatomaly
32, 16.064, 176.289

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 33.786, 167.386 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(1, 105, 79)` looks like.

```
.text, #text, p{  
    color:rgb(1, 105, 79)  
}
```

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(1, 105, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 105, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 33.786, 167.386 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(1, 105, 79) }
```

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

```
.border{ border-color:rgb(1, 105, 79) }
```

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

Here you see how a box with a 4 pixel rgb(1, 105, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 105, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 105, 79);  
box-shadow:4px 4px 4px 4px rgb(1, 105, 79)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 33.786, 167.386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 105, 79) }
```

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

```
.background{ background-color: rgb(1, 105,  
79) }
```

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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