

Converting Colors

CIELCh(39, 33.169, 145.401)

Have a look what the booklet for
CIELCh(39, 33.169, 145.401)
contains.

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Color

CIELCh(39, 33.396, 145.110)

Conversions

Conversions Part 1

Format	Color
Hex	34673C
RGB	52, 103, 60
RGB Percent	20%, 40%, 24%
CMY	0.7977, 0.5977, 0.7662
CMYK	0.50, 0.00, 0.42, 0.60
HSL	129°, 33%, 30%
HSV	129°, 50%, 40%
XYZ	7.0093, 10.6589, 5.9100
YIQ	82.8490, -16.5930, -24.1850

Conversions

Conversions Part 2

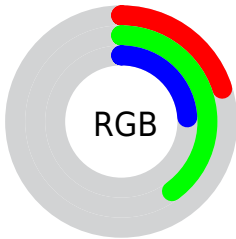
Format	Color
RYB	52, 96, 103
Decimal	3434300
CIELab	39.00, -27.39, 19.10
CIElCh	39, 33.396, 145.110
Yxy	10.6589, 0.2973, 0.4521
Android (android.graphics.Color)	4281624380 (0xFF34673C)
YUV	82.8490, -11.2646, -27.0546
Hunter-Lab	32.6480, -18.8115, 12.1208

Details

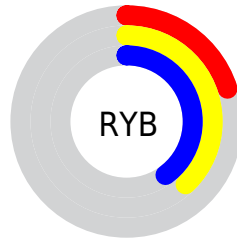
The CIELCh color **39, 33.396, 145.110** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **30, 33.317, 332.001**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 33.646, 145.174**, and **19, 32.776, 144.964** is the 20% darker color. If you saturate the color by 10%, you get **38, 39.503, 143.938**, and if you desaturate by 10%, it is **40, 26.927, 146.147**.

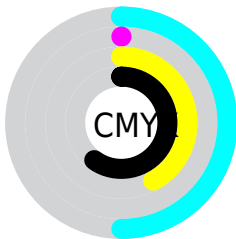
Distribution



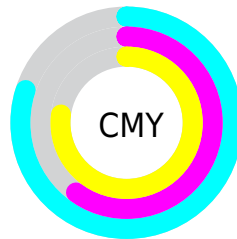
- Red (20%)
- Green (40%)
- Blue (24%)



- Red (20%)
- Yellow (38%)
- Blue (40%)



- Cyan (50%)
- Magenta (0%)
- Yellow (42%)
- Black (60%)





- Cyan (80%)
- Magenta (60%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 33.396, 145.110 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, 33.396, 145.110 by changing the saturation by 10% instead.


 39, 33.396,
145.110


 39, 33.396,
145.110

 100, 33.396,
145.110


 29, 33.396,
145.110

 59, 33.396,
145.110


 19, 33.396,
145.110


 69, 33.396,
145.110

 9, 33.396, 145.110

 79, 33.396,
145.110

 0, 33.396, 145.110

 89, 33.396,
145.110

 99, 33.396,
145.110

■ 39, 33.396,
145.110

■ 39, 33.396,
145.110

■ 38, 39.503,
143.938

■ 40, 26.927,
146.147

■ 38, 45.100,
142.639

■ 40, 20.227,
147.055

■ 38, 50.037,
141.244

■ 41, 13.413,
147.846

■ 37, 54.170,
139.810

■ 42, 6.580, 148.541

■ 37, 57.554,
138.643

■ 43, 0.198, 328.182

■ 37, 57.642,
138.618

■ 45, 6.866, 329.589

■ 46, 13.384,
330.049

■ 47, 19.727,
330.446

■ 49, 25.881,
330.794

Harmonies

Complementary

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



39, 33.396, 145.110



30, 33.317, 332.001

Rectangle

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



39, 33.396, 145.110



39, 33.396, 195.110



39, 33.396, 325.110



39, 33.396, 15.110

Sweetspot

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



39, 33.397, 145.110



53, 12.584, 148.154



42, 29.944, 112.638



27, 8.521, 148.050



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



39, 33.397, 145.110



49, 48.823, 143.692



40, 22.426, 167.582



21, 3.783, 148.593



42, 62.725, 138.403



84, 111.124, 137.510

Inverse Universe

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



30, 33.317, 332.001



36, 48.246, 332.734



29, 25.117, 358.414



20, 3.793, 329.558



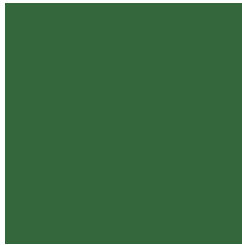
25, 56.965, 335.317



55, 98.095, 335.827

Previews

White Background



This preview shows how the CIE LCh color 39, 33.396, 145.110 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 CIELCh color 39, 33.396, 145.110 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, 33.396, 145.110

Background



This preview shows how black text looks on a background with the CIELCh color 39, 33.396, 145.110.



This preview shows how white text looks on a background with the CIELCh color 39, 33.396, 145.110.

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, 33.396, 145.110

Protanopia
39, 22.146, 95.421

Deuteranopia
39, 18.392, 74.790



Tritanopia
39, 13.370, 219.667

Trichromacy



Original Color
39, 33.396, 145.110

Protanomaly
38, 23.558, 121.352

Deuteranomaly
38, 18.854, 114.235

Tritanomaly
39, 17.347, 174.278

Monochromacy



Original Color
39, 33.396, 145.110

Achromatopsia
35, 0.005, 296.813

Achromatomaly
36, 12.158, 148.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 33.396, 145.110 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(52, 103, 60)` looks like.

```
.text, #text, p{  
    color:rgb(52, 103, 60)  
}
```

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(52, 103, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 103, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 33.396, 145.110 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(52, 103, 60) }
```

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

```
.border{ border-color:rgb(52, 103, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 103, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 103, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 103, 60);  
box-shadow:4px 4px 4px 4px rgb(52, 103,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 33.396, 145.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 103, 60) }
```

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

```
.background{ background-color: rgb(52, 103,  
60) }
```

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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