

Converting Colors

CIELCh(39, 31.578, 142.108)

Have a look what the booklet for
CIELCh(39, 31.578, 142.108)
contains.

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Color

CIELCh(39, 31.886, 141.950)

Conversions

Conversions Part 1

Format	Color
Hex	3A663B
RGB	58, 102, 59
RGB Percent	23%, 40%, 23%
CMY	0.7735, 0.6010, 0.7695
CMYK	0.43, 0.00, 0.42, 0.60
HSL	121°, 28%, 31%
HSV	121°, 43%, 40%
XYZ	7.2408, 10.6589, 5.7821
YIQ	83.9420, -12.4210, -22.7010

Conversions

Conversions Part 2

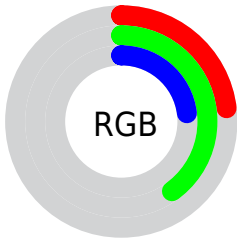
Format	Color
RYB	58, 101, 102
Decimal	3827259
CIELab	39.00, -25.11, 19.65
CIElCh	39, 31.886, 141.950
Yxy	10.6589, 0.3058, 0.4501
Android (android.graphics.Color)	4282017339 (0xFF3A663B)
YUV	83.9420, -12.2964, -22.7511
Hunter-Lab	32.6480, -17.5456, 12.3531

Details

The CIELCh color **39, 31.886, 141.950** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **31, 31.815, 327.257**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 31.476, 141.888**, and **19, 31.934, 141.967** is the 20% darker color. If you saturate the color by 10%, you get **38, 38.751, 140.946**, and if you desaturate by 10%, it is **40, 24.674, 142.849**.

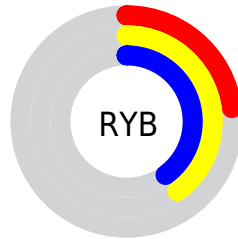
Distribution



Red (23%)

Green (40%)

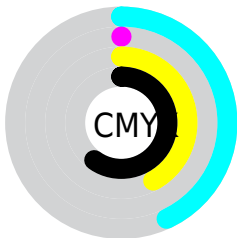
Blue (23%)



Red (23%)

Yellow (40%)

Blue (40%)

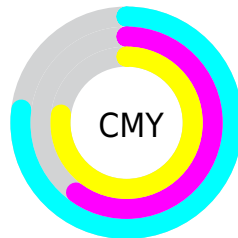


Cyan (43%)

Magenta (0%)

Yellow (42%)

Black (60%)



Cyan (77%)


Magenta (60%)


Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 31.886, 141.950 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, 31.886, 141.950 by changing the saturation by 10% instead.


 39, 31.886,
141.950


 39, 31.886,
141.950

 100, 31.886,
141.950


 29, 31.886,
141.950

 59, 31.886,
141.950


 19, 31.886,
141.950


 69, 31.886,
141.950

 9, 31.886, 141.950

 79, 31.886,
141.950

 0, 31.886, 141.950

 89, 31.886,
141.950

 99, 31.886,
141.950

■ 39, 31.886,
141.950

■ 39, 31.886,
141.950

■ 38, 38.751,
140.946

■ 40, 24.674,
142.849

■ 38, 45.073,
139.862

■ 41, 17.272,
143.637

■ 37, 50.626,
138.752

■ 42, 9.808, 144.324

■ 37, 55.164,
137.708

■ 43, 2.380, 144.958

■ 37, 58.476,
136.866

■ 44, 4.941, 325.357

■ 37, 60.460,
136.392

■ 45, 12.104,
325.803

■ 47, 19.078,
326.174

■ 48, 25.845,
326.490

■ 50, 32.396,
326.762

Harmonies

Complementary

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



39, 31.886, 141.950



31, 31.815, 327.257

Rectangle

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



39, 31.886, 141.950



39, 31.886, 191.950



39, 31.886, 321.950



39, 31.886, 11.950

Sweetspot

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



39, 31.887, 141.950



54, 11.973, 144.315



42, 25.882, 107.053



27, 8.317, 144.208



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, 31.887, 141.950



50, 47.027, 140.918



39, 21.912, 160.506



21, 4.157, 144.594



42, 65.908, 136.345



84, 114.841, 136.150

Inverse Universe

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



31, 31.815, 327.257



38, 46.745, 327.724



30, 23.090, 348.696



20, 4.164, 325.498



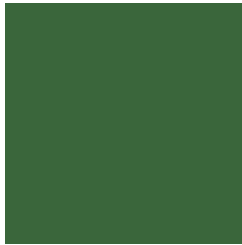
26, 63.001, 329.130



57, 109.141, 329.186

Previews

White Background



This preview shows how the CIELCh color 39, 31.886, 141.950 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, 31.886, 141.950 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, 31.886, 141.950

Background



This preview shows how black text looks on a background with the CIELCh color 39, 31.886, 141.950.



This preview shows how white text looks on a background with the CIELCh color 39, 31.886, 141.950.

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, 31.886, 141.950

Protanopia

39, 22.587, 96.833

Deuteranopia

39, 18.917, 75.617



Tritanopia
39, 11.627, 223.338

Trichromacy



Original Color
39, 31.886, 141.950

Protanomaly
39, 24.410, 118.531

Deuteranomaly
38, 19.341, 111.237

Tritanomaly
39, 14.891, 173.150

Monochromacy



Original Color
39, 31.886, 141.950

Achromatopsia
36, 0.005, 296.813

Achromatomaly
37, 11.605, 145.133

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 31.886, 141.950 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(58, 102, 59)` looks like.

```
.text, #text, p{  
    color:rgb(58, 102, 59)  
}
```

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(58, 102, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 102, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 31.886, 141.950 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(58, 102, 59) }
```

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

```
.border{ border-color:rgb(58, 102, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 102, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 102, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 102, 59);  
box-shadow:4px 4px 4px 4px rgb(58, 102,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 31.886, 141.950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 102, 59) }
```

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

```
.background{ background-color: rgb(58, 102,  
59) }
```

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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