

Converting Colors

CIELCh(39, 31.540, 131.838)

Have a look what the booklet for
CIELCh(39, 31.540, 131.838)
contains.

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Color

CIELCh(39, 31.683, 131.837)

Conversions

Conversions Part 1

Format	Color
Hex	456434
RGB	69, 100, 52
RGB Percent	27%, 39%, 20%
CMY	0.7289, 0.6073, 0.7956
CMYK	0.31, 0.00, 0.48, 0.61
HSL	99°, 32%, 30%
HSV	99°, 48%, 39%
XYZ	7.6560, 10.6589, 4.9172
YIQ	85.2590, -3.0680, -21.5000

Conversions

Conversions Part 2

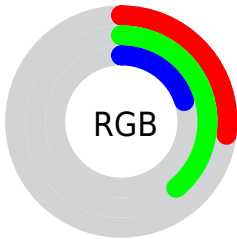
Format	Color
RYB	52, 100, 83
Decimal	4547636
CIELab	39.00, -21.13, 23.61
CIELCh	39, 31.683, 131.837
Yxy	10.6589, 0.3295, 0.4588
Android (android.graphics.Color)	4282737716 (0xFF456434)
YUV	85.2590, -16.3967, -14.2591
Hunter-Lab	32.6480, -15.2755, 13.9238

Details

The CIELCh color **39, 31.683, 131.837** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **27, 33.023, 315.927**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 31.342, 131.865**, and **19, 31.516, 131.673** is the 20% darker color. If you saturate the color by 10%, you get **38, 37.839, 131.391**, and if you desaturate by 10%, it is **40, 25.244, 132.321**.

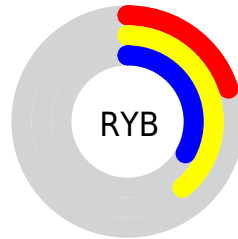
Distribution



Red (27%)

Green (39%)

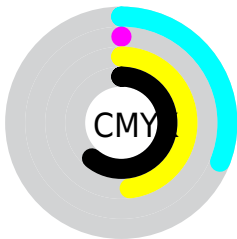
Blue (20%)



Red (20%)

Yellow (39%)

Blue (33%)

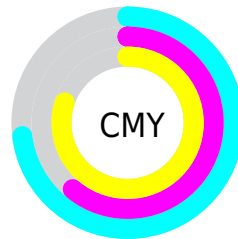


Cyan (31%)

Magenta (0%)

Yellow (48%)

Black (61%)



Cyan (73%)


Magenta (61%)


Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 31.683, 131.837 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, 31.683, 131.837 by changing the saturation by 10% instead.


 39, 31.683,
131.837


 39, 31.683,
131.837

 100, 31.683,
131.837


 29, 31.683,
131.837

 59, 31.683,
131.837


 19, 31.683,
131.837


 69, 31.683,
131.837

 9, 31.683, 131.837

 79, 31.683,
131.837

 0, 31.683, 131.837

 89, 31.683,
131.837

 99, 31.683,
131.837

■ 39, 31.683,
131.837

■ 39, 31.683,
131.837

■ 38, 37.839,
131.391

■ 40, 25.244,
132.321

■ 38, 43.542,
131.039

■ 40, 18.642,
132.804

■ 38, 48.576,
130.869

■ 41, 11.967,
133.266

■ 37, 52.689,
130.985

■ 42, 5.282, 133.702

■ 37, 56.091,
131.210

■ 43, 1.366, 313.997

■ 37, 56.804,
131.205

■ 44, 7.942, 314.403

■ 44, 14.423,
314.717

■ 45, 20.792,
314.991

■ 46, 27.038,
315.231

Harmonies

Complementary

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



39, 31.683, 131.837



27, 33.023, 315.927

Rectangle

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



39, 31.683, 131.837



39, 31.683, 181.837



39, 31.683, 311.837



39, 31.683, 1.837

Sweetspot

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



39, 31.684, 131.838



53, 11.563, 133.423



36, 20.703, 82.400



27, 8.049, 133.353



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, 31.684, 131.838



50, 46.823, 131.321



38, 32.196, 144.581



21, 3.790, 133.659



42, 62.718, 131.441



85, 109.849, 132.295

Inverse Universe

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



27, 33.023, 315.927



32, 49.255, 316.323



29, 32.120, 331.021



19, 3.824, 314.322



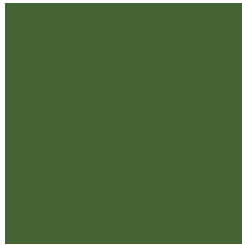
19, 66.924, 316.145



44, 116.537, 315.534

Previews

White Background



This preview shows how the CIE LCh color 39, 31.683, 131.837 looks on a white background.

Color Contrast Check

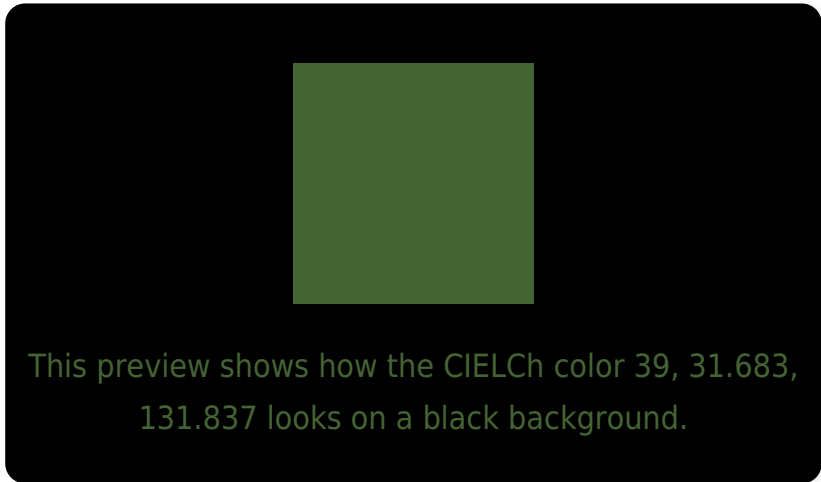
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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, 31.683, 131.837

Background



This preview shows how black text looks on a background with the CIELCh color 39, 31.683, 131.837.



This preview shows how white text looks on a background with the CIELCh color 39, 31.683, 131.837.

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

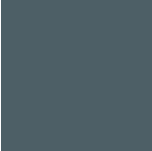
39, 31.683, 131.837

Protanopia

39, 26.070, 96.393

Deuteranopia

39, 22.942, 76.380



Tritanopia
39, 8.059, 230.961

Trichromacy



Original Color
39, 31.683, 131.837

Protanomaly
39, 26.836, 112.067

Deuteranomaly
39, 22.896, 101.715

Tritanomaly
39, 12.517, 158.435

Monochromacy



Original Color
39, 31.683, 131.837

Achromatopsia
36, 0.005, 296.813

Achromatomaly
37, 12.263, 133.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 31.683, 131.837 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(69, 100, 52)` looks like.

```
.text, #text, p{  
    color:rgb(69, 100, 52)  
}
```

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(69, 100, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 100, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 31.683, 131.837 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(69, 100, 52) }
```

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

```
.border{ border-color:rgb(69, 100, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 100, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 100, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 100, 52);  
box-shadow:4px 4px 4px 4px rgb(69, 100,  
52) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 31.683, 131.837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 100, 52) }
```

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

```
.background{ background-color: rgb(69, 100,  
52) }
```

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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