

Converting Colors

CIELCh(39, 56.620, 128.388)

Have a look what the booklet for
CIELCh(39, 56.620, 128.388)
contains.

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Color

CIELCh(39, 56.690, 128.383)

Conversions

Conversions Part 1

Format	Color
Hex	316900
RGB	49, 105, 0
RGB Percent	19%, 41%, 0%
CMY	0.8097, 0.5899, 0.9981
CMYK	0.54, 0.00, 1.00, 0.59
HSL	92°, 99%, 21%
HSV	92°, 100%, 41%
XYZ	6.2552, 10.6589, 1.7414
YIQ	76.2860, 0.3290, -44.5270

Conversions

Conversions Part 2

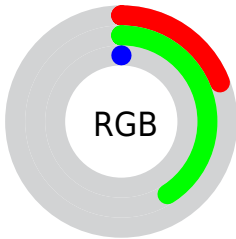
Format	Color
RYB	0, 105, 56
Decimal	3238144
CIELab	39.00, -35.20, 44.44
CIElCh	39, 56.690, 128.383
Yxy	10.6589, 0.3353, 0.5714
Android (android.graphics.Color)	4281428224 (0xFF316900)
YUV	76.2860, -37.6090, -23.9298
Hunter-Lab	32.6480, -22.9345, 19.6912

Details

The CIELCh color $39, 56.690, 128.383$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $15, 63.729, 313.398$, and the grayscale version is $32, 0.005, 296.813$.

A 20% lighter version of the original color is $59, 57.158, 128.290$, and $20, 40.183, 137.651$ is the 20% darker color. If you saturate the color by 10%, you get $39, 56.848, 128.394$, and if you desaturate by 10%, it is $39, 53.357, 127.972$.

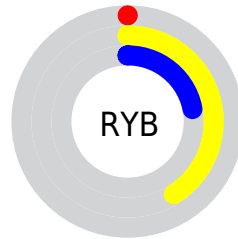
Distribution



Red (19%)

Green (41%)

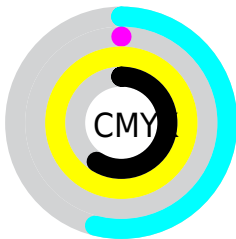
Blue (0%)



Red (0%)

Yellow (41%)

Blue (22%)

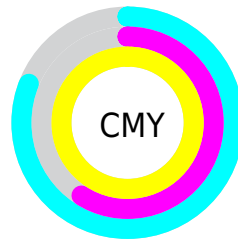


Cyan (54%)

Magenta (0%)

Yellow (100%)

Black (59%)



Cyan (81%)


Magenta (59%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 56.690, 128.383 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, 56.690, 128.383 by changing the saturation by 10% instead.


 39, 56.690,
128.383


 39, 56.690,
128.383

 100, 56.690,
128.383

 29, 56.690,
128.383

 59, 56.690,
128.383


 19, 56.690,
128.383


 69, 56.690,
128.383

 9, 56.690, 128.383

 79, 56.690,
128.383

 0, 56.690, 128.383

 89, 56.690,
128.383

 99, 56.690,
128.383

■ 39, 56.690,
128.383

■ 39, 56.690,
128.383

■ 39, 56.848,
128.394

■ 39, 53.357,
127.972

■ 40, 49.441,
127.643

■ 40, 44.549,
127.648

■ 40, 38.936,
127.879

■ 41, 32.834,
128.244

■ 42, 26.419,
128.676

■ 42, 19.819,
129.133

■ 43, 13.123,

129.587

■ 44, 6.397, 130.025

Harmonies

Complementary

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



39, 56.690, 128.383



15, 63.729, 313.398

Rectangle

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



39, 56.690, 128.383



39, 56.690, 178.383



39, 56.690, 308.383



39, 56.690, 358.383

Sweetspot

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



39, 56.690, 128.384



54, 24.838, 129.074



29, 42.948, 65.414



27, 17.060, 128.932



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, 56.690, 128.384



50, 68.603, 128.839



38, 61.279, 136.573



22, 3.842, 130.048



44, 61.808, 128.607



86, 107.377, 129.538

Inverse Universe

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



15, 63.729, 313.398



21, 77.021, 313.095



23, 58.437, 329.519



20, 3.887, 310.748



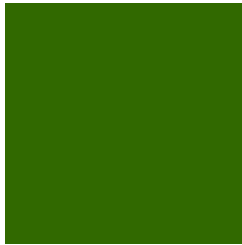
17, 69.461, 313.255



40, 120.199, 312.607

Previews

White Background



This preview shows how the CIELCh color 39, 56.690, 128.383 looks on a white background.

Color Contrast Check

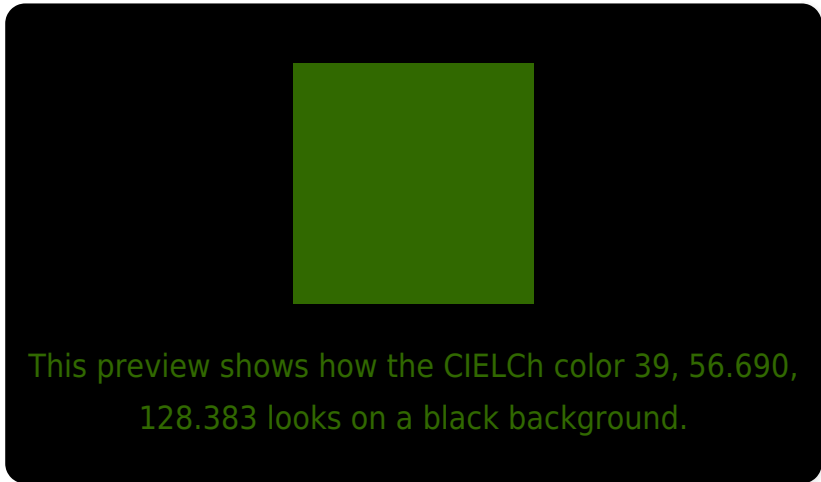
Large Text (above 18pt) WCAG AA ✓ Pass

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

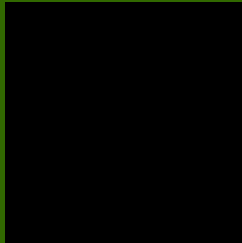
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 56.690, 128.383

Background



This preview shows how black text looks on a background with the CIELCh color 39, 56.690, 128.383.



This preview shows how white text looks on a background with the CIELCh color 39, 56.690, 128.383.

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, 56.928, 128.248

Protanopia

39, 46.373, 95.909

Deuteranopia

39, 39.987, 83.077



Tritanopia
39, 13.083, 220.196

Trichromacy



Original Color
39, 56.928, 128.248

Protanomaly
39, 48.345, 111.064

Deuteranomaly
38, 42.406, 104.800

Tritanomaly
39, 26.706, 147.785

Monochromacy



Original Color
39, 56.928, 128.248

Achromatopsia
32, 0.005, 296.813

Achromatomaly
34, 24.437, 128.644

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 56.690, 128.383 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(49, 105, 0)` looks like.

```
.text, #text, p{  
    color:rgb(49, 105, 0)  
}
```

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(49, 105, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 105, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 56.690, 128.383 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(49, 105, 0) }
```

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

```
.border{ border-color:rgb(49, 105, 0) }
```

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

Here you see how a box with a 4 pixel rgb(49, 105, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 105, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 105, 0);  
box-shadow:4px 4px 4px 4px rgb(49, 105, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 56.690, 128.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 105, 0) }
```

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

```
.background{ background-color: rgb(49, 105,  
0) }
```

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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