

Converting Colors

CIELCh(39, 49.805, 114.473)

Have a look what the booklet for
CIELCh(39, 49.805, 114.473)
contains.

CIELCh(39, 49.585, 114.175)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(39, 49.585, 114.175)

Conversions

Conversions Part 1

Format	Color
Hex	4F6300
RGB	79, 99, 0
RGB Percent	31%, 39%, 0%
CMY	0.6889, 0.6105, 0.9985
CMYK	0.20, 0.00, 1.00, 0.61
HSL	72°, 99%, 20%
HSV	72°, 100%, 39%
XYZ	7.7443, 10.6589, 1.6599
YIQ	81.7340, 19.8590, -35.0290

Conversions

Conversions Part 2

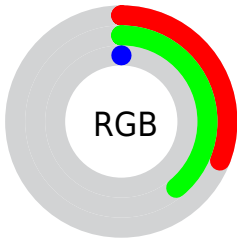
Format	Color
RYB	0, 99, 20
Decimal	5202688
CIELab	39.00, -20.31, 45.24
CIElCh	39, 49.585, 114.175
Yxy	10.6589, 0.3860, 0.5313
Android (android.graphics.Color)	4283392768 (0xFF4F6300)
YUV	81.7340, -40.2949, -2.3977
Hunter-Lab	32.6480, -14.7929, 19.8392

Details

The CIELCh color $[39, 49.585, 114.175]$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $[10, 65.339, 307.660]$, and the grayscale version is $[35, 0.005, 296.813]$.

A 20% lighter version of the original color is $[59, 49.530, 114.479]$, and $[19, 32.294, 125.329]$ is the 20% darker color. If you saturate the color by 10%, you get $[39, 49.695, 114.181]$, and if you desaturate by 10%, it is $[39, 46.831, 113.991]$.

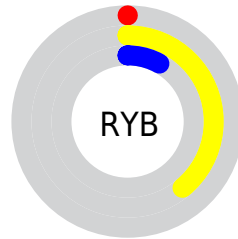
Distribution



Red (31%)

Green (39%)

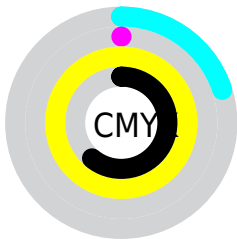
Blue (0%)



Red (0%)

Yellow (39%)

Blue (8%)

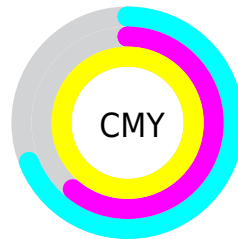


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (61%)



Cyan (69%)


Magenta (61%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 49.585, 114.175 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, 49.585, 114.175 by changing the saturation by 10% instead.


 39, 49.585,
114.175


 39, 49.585,
114.175

 100, 49.585,
114.175


 29, 49.585,
114.175

 59, 49.585,
114.175


 19, 49.585,
114.175


 69, 49.585,
114.175

 9, 49.585, 114.175

 79, 49.585,
114.175

 0, 49.585, 114.175

 89, 49.585,
114.175

 99, 49.585,
114.175

■ 39, 49.585,
114.175

■ 39, 49.585,
114.175

■ 39, 49.695,
114.181

■ 39, 46.831,
113.991

■ 39, 43.625,
113.900

■ 40, 39.475,
114.083

■ 40, 34.624,
114.461

■ 40, 29.294,
114.970

■ 40, 23.648,
115.556

■ 41, 17.805,
116.184

■ 41, 11.844,

116.828

■ 42, 5.817, 117.470

Harmonies

Complementary

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



39, 49.585, 114.175



10, 65.339, 307.660

Rectangle

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



39, 49.585, 114.175



39, 49.585, 164.175



39, 49.585, 294.175



39, 49.585, 344.175

Sweetspot

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



39, 49.585, 114.177



53, 22.493, 116.102



21, 46.159, 42.070



27, 15.436, 115.912



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, 49.585, 114.177



51, 60.294, 114.498



36, 57.104, 132.370



20, 3.324, 117.519



44, 54.202, 114.333



89, 95.024, 114.999

Inverse Universe

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



10, 65.339, 307.660



15, 79.714, 307.483



17, 59.636, 317.916



18, 3.385, 298.653



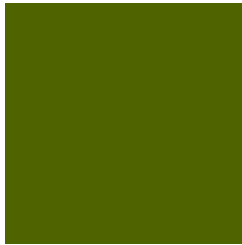
12, 71.592, 307.599



32, 125.941, 307.167

Previews

White Background



This preview shows how the CIELCh color 39, 49.585, 114.175 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, 49.585, 114.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

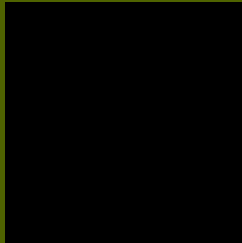
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 49.585, 114.175

Background



This preview shows how black text looks on a background with the CIELCh color 39, 49.585, 114.175.



This preview shows how white text looks on a background with the CIELCh color 39, 49.585, 114.175.

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, 49.585, 114.175

Protanopia

39, 46.445, 95.284

Deuteranopia

39, 41.701, 82.913



Tritanopia
39, 5.125, 272.638

Trichromacy



Original Color
39, 49.585, 114.175

Protanomaly
39, 47.050, 102.852

Deuteranomaly
39, 42.711, 95.163

Tritanomaly
39, 19.237, 120.947

Monochromacy



Original Color
39, 49.585, 114.175

Achromatopsia
35, 0.005, 296.813

Achromatomaly
36, 22.063, 115.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 49.585, 114.175 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(79, 99, 0)` looks like.

```
.text, #text, p{  
    color:rgb(79, 99, 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(79, 99, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 99, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 49.585, 114.175 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(79, 99, 0) }
```

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

```
.border{ border-color:rgb(79, 99, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 99, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 99, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(79, 99, 0); box-shadow:4px  
4px 4px 4px rgb(79, 99, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 49.585, 114.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 99, 0) }
```

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

```
.background{ background-color: rgb(79, 99,  
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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