

Converting Colors

CIELCh(44, 39.570, 294.875)

Have a look what the booklet for
CIELCh(44, 39.570, 294.875)
contains.

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Color

CIELCh(44, 39.499, 294.590)

Conversions

Conversions Part 1

Format	Color
Hex	6062A4
RGB	96, 98, 164
RGB Percent	38%, 38%, 64%
CMY	0.6245, 0.6166, 0.3578
CMYK	0.42, 0.40, 0.00, 0.36
HSL	238°, 27%, 51%
HSV	238°, 42%, 64%
XYZ	15.8233, 13.8382, 36.8410
YIQ	104.9260, -22.3780, 20.1020

Conversions

Conversions Part 2

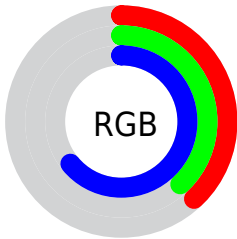
Format	Color
RYB	96, 98, 164
Decimal	6316708
CIELab	44.00, 16.44, -35.92
CIELCh	44, 39.499, 294.590
Yxy	13.8382, 0.2379, 0.2081
Android (android.graphics.Color)	4284506788 (0xFF6062A4)
YUV	104.9260, 29.1235, -7.8281
Hunter-Lab	37.1997, 10.8273, -32.6785

Details

The CIELCh color `44, 39.499, 294.590` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `65, 35.733, 104.939`, and the grayscale version is `44, 0.006, 296.813`.

A 20% lighter version of the original color is `64, 39.056, 294.192`, and `24, 39.506, 294.593` is the 20% darker color. If you saturate the color by 10%, you get `38, 50.025, 296.541`, and if you desaturate by 10%, it is `50, 29.372, 292.889`.

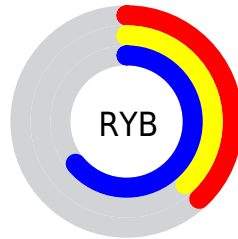
Distribution



Red (38%)

Green (38%)

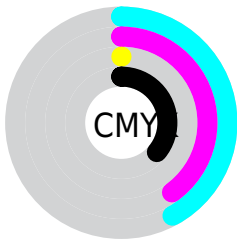
Blue (64%)



Red (38%)

Yellow (38%)

Blue (64%)

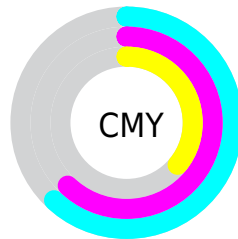


Cyan (42%)

Magenta (40%)

Yellow (0%)

Black (36%)



Cyan (62%)


Magenta (62%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 39.499, 294.590 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 44, 39.499, 294.590 by changing the saturation by 10% instead.


 44, 39.499,
294.590


 44, 39.499,
294.590


 100, 39.499,
294.590


 34, 39.499,
294.590

 64, 39.499,
294.590


 24, 39.499,
294.590

 74, 39.499,
294.590

 14, 39.499,
294.590

 84, 39.499,
294.590

 4, 39.499, 294.590

 94, 39.499,
294.590

 0, 39.499, 294.590

 44, 39.499,

 44, 39.499,

294.590

■ 38, 50.025,
296.541

■ 33, 60.859,
298.709

■ 28, 71.696,
300.987

■ 24, 81.824,
303.161

■ 21, 89.990,
304.921

■ 19, 94.634,
305.874

294.590

■ 50, 29.372,
292.889

■ 55, 19.653,
291.429

■ 61, 10.320,
290.187

■ 66, 1.344, 289.169

■ 72, 7.302, 108.208

■ 77, 15.641,
107.439

■ 83, 23.696,
106.777

■ 88, 31.484,
106.204

■ 94, 39.023,
105.707

Harmonies

Complementary

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



44, 39.499, 294.590



65, 35.733, 104.939

Rectangle

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



44, 39.499, 294.590



44, 39.499, 344.590



44, 39.499, 114.590



44, 39.499, 164.590

Sweetspot

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



44, 39.498, 294.590



77, 13.263, 290.267



63, 22.764, 194.230



40, 8.888, 290.410



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



44, 39.498, 294.590



50, 59.752, 296.415



46, 41.793, 310.050



32, 5.032, 289.934



16, 86.515, 305.811



0, 7.733, 289.090

Inverse Universe

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



48, 29.878, 21.246



57, 45.493, 23.008



64, 39.210, 125.951



32, 3.629, 17.500



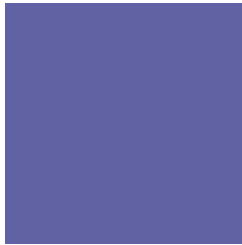
30, 67.028, 38.079



1, 5.471, 17.169

Previews

White Background



This preview shows how the CIE LCh color 44, 39.499, 294.590 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 44, 39.499, 294.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

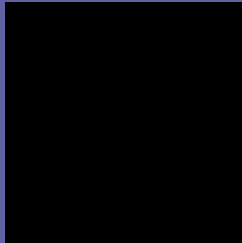
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 39.499, 294.590

Background



This preview shows how black text looks on a background with the CIELCh color 44, 39.499, 294.590.

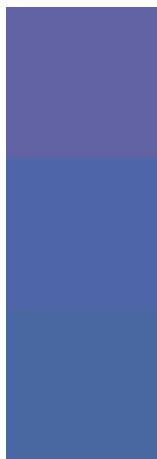


This preview shows how white text looks on a background with the CIELCh color 44, 39.499, 294.590.

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


44, 39.499, 294.590

Protanopia

44, 39.132, 285.300

Deuteranopia

44, 35.345, 280.213



Tritanopia
44, 10.270, 230.395

Trichromacy



Original Color
44, 39.499, 294.590

Protanomaly
44, 39.588, 288.702

Deuteranomaly
44, 36.726, 285.384

Tritanomaly
44, 18.627, 275.245

Monochromacy



Original Color
44, 39.499, 294.590

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 14.403, 292.210

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 39.499, 294.590 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(96, 98, 164)` looks like.

```
.text, #text, p{  
    color:rgb(96, 98, 164)  
}
```

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(96, 98, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 98, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 39.499, 294.590 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(96, 98, 164) }
```

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

```
.border{ border-color:rgb(96, 98, 164) }
```

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

Here you see how a box with a 4 pixel rgb(96, 98, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 98, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 98, 164);  
box-shadow:4px 4px 4px 4px rgb(96, 98,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 39.499, 294.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 98, 164) }
```

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

```
.background{ background-color: rgb(96, 98,  
164) }
```

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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