

Converting Colors

CIELCh(43, 39.094, 294.155)

Have a look what the booklet for
CIELCh(43, 39.094, 294.155)
contains.

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Color

CIELCh(43, 39.044, 294.150)

Conversions

Conversions Part 1

Format	Color
Hex	5D60A1
RGB	93, 96, 161
RGB Percent	36%, 38%, 63%
CMY	0.6369, 0.6251, 0.3703
CMYK	0.42, 0.40, 0.00, 0.37
HSL	237°, 27%, 50%
HSV	237°, 42%, 63%
XYZ	15.0138, 13.1578, 35.2667
YIQ	102.5130, -22.6530, 19.5790

Conversions

Conversions Part 2

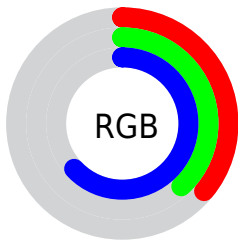
Format	Color
R_{YB}	93, 96, 161
Decimal	6119585
CIE _{Lab}	43.00, 15.97, -35.63
CIE _{LCh}	43, 39.044, 294.150
Yxy	13.1578, 0.2367, 0.2074
Android (android.graphics.Color)	4284309665 (0xFF5D60A1)
YUV	102.5130, 28.8341, -8.3429
Hunter-Lab	36.2736, 10.4030, -32.2526

Details

The CIELCh color **43, 39.044, 294.150** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **64, 35.354, 104.168**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 39.193, 294.259**, and **23, 39.087, 294.293** is the 20% darker color. If you saturate the color by 10%, you get **38, 49.253, 296.137**, and if you desaturate by 10%, it is **48, 29.220, 292.417**.

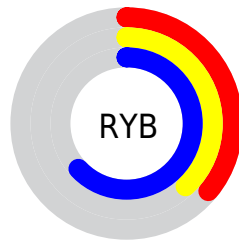
Distribution



Red (36%)

Green (38%)

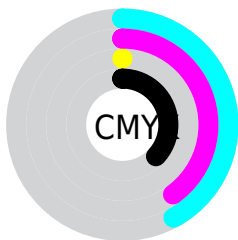
Blue (63%)



Red (36%)

Yellow (38%)

Blue (63%)

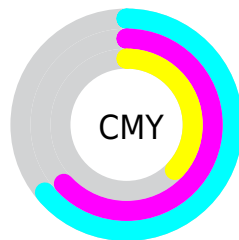


Cyan (42%)

Magenta (40%)

Yellow (0%)

Black (37%)



Cyan (64%)


Magenta (63%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 39.044, 294.150 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 43, 39.044, 294.150 by changing the saturation by 10% instead.


 43, 39.044,
294.150


 43, 39.044,
294.150


 100, 39.044,
294.150


 33, 39.044,
294.150

 63, 39.044,
294.150


 23, 39.044,
294.150

 73, 39.044,
294.150

 13, 39.044,
294.150

 83, 39.044,
294.150

 3, 39.044, 294.150

 93, 39.044,
294.150

 0, 39.044, 294.150

 43, 39.044,

 43, 39.044,

294.150

■ 38, 49.253,
296.137

■ 32, 59.764,
298.346

■ 28, 70.297,
300.671

■ 24, 80.189,
302.904

■ 20, 88.268,
304.741

■ 19, 92.534,
305.653

294.150

■ 48, 29.220,
292.417

■ 54, 19.788,
290.928

■ 59, 10.725,
289.660

■ 65, 2.003, 288.605

■ 70, 6.402, 107.634

■ 76, 14.515,
106.848

■ 81, 22.355,
106.168

■ 86, 29.939,
105.580

■ 91, 37.285,
105.068

Harmonies

Complementary

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



43, 39.044, 294.150



64, 35.354, 104.168

Rectangle

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



43, 39.044, 294.150



43, 39.044, 344.150



43, 39.044, 114.150



43, 39.044, 164.150

Sweetspot

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



43, 39.043, 294.150



75, 14.031, 289.766



62, 22.915, 192.583



38, 9.837, 290.019



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



43, 39.043, 294.150



50, 59.460, 296.059



45, 41.896, 309.563



31, 4.825, 289.307



16, 84.631, 305.558



0, 6.231, 288.439

Inverse Universe

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



47, 29.960, 20.262



56, 45.854, 22.134



62, 39.159, 125.302



31, 3.537, 16.289



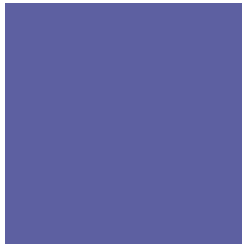
29, 65.581, 37.370



1, 4.485, 15.890

Previews

White Background



This preview shows how the CIE LCh color 43, 39.044, 294.150 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 43, 39.044, 294.150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

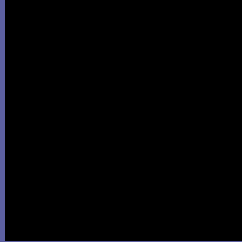
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 39.044, 294.150

Background



This preview shows how black text looks on a background with the CIELCh color 43, 39.044, 294.150.

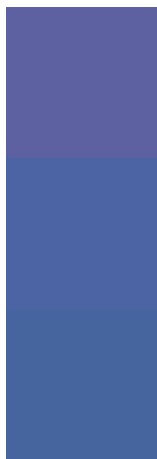


This preview shows how white text looks on a background with the CIELCh color 43, 39.044, 294.150.

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


43, 39.044, 294.150

Protanopia

43, 39.277, 285.894

Deuteranopia

43, 35.495, 280.476



Tritanopia
43, 10.345, 226.342

Trichromacy



Original Color
43, 39.044, 294.150

Protanomaly
43, 39.130, 288.624

Deuteranomaly
43, 36.897, 285.594

Tritanomaly
43, 18.214, 273.609

Monochromacy



Original Color
43, 39.044, 294.150

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 13.851, 290.607

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 39.044, 294.150 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(93, 96, 161)` looks like.

```
.text, #text, p{  
    color:rgb(93, 96, 161)  
}
```

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(93, 96, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 96, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 39.044, 294.150 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(93, 96, 161) }
```

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

```
.border{ border-color:rgb(93, 96, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 96, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 96, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 96, 161);  
box-shadow:4px 4px 4px 4px rgb(93, 96,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 39.044, 294.150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 96, 161) }
```

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

```
.background{ background-color: rgb(93, 96,  
161) }
```

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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