

Converting Colors

CIELCh(43, 39.223, 295.875)

Have a look what the booklet for
CIELCh(43, 39.223, 295.875)
contains.

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Color

CIELCh(43, 39.098, 295.967)

Conversions

Conversions Part 1

Format	Color
Hex	605FA0
RGB	96, 95, 160
RGB Percent	38%, 37%, 63%
CMY	0.6243, 0.6282, 0.3734
CMYK	0.40, 0.41, 0.00, 0.37
HSL	241°, 26%, 50%
HSV	241°, 41%, 63%
XYZ	15.2055, 13.1578, 34.9014
YIQ	102.7090, -20.2690, 20.4270

Conversions

Conversions Part 2

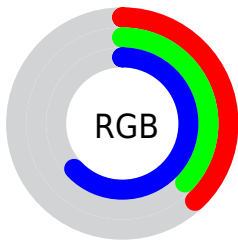
Format	Color
R_{YB}	96, 95, 160
Decimal	6315936
CIE _{Lab}	43.00, 17.12, -35.15
CIE _{LCh}	43, 39.098, 295.967
Yxy	13.1578, 0.2403, 0.2080
Android (android.graphics.Color)	4284506016 (0xFF605FA0)
YUV	102.7090, 28.2445, -5.8838
Hunter-Lab	36.2736, 11.3462, -31.6555

Details

The CIELCh color $43, 39.098, 295.967$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $64, 35.269, 107.045$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 39.266, 296.103$, and $23, 39.116, 295.856$ is the 20% darker color. If you saturate the color by 10%, you get $37, 49.720, 297.788$, and if you desaturate by 10%, it is $49, 28.871, 294.374$.

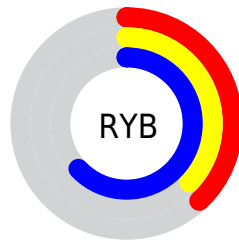
Distribution



Red (38%)

Green (37%)

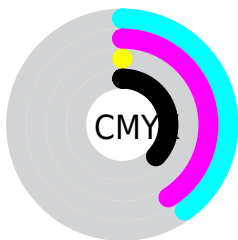
Blue (63%)



Red (38%)

Yellow (37%)

Blue (63%)

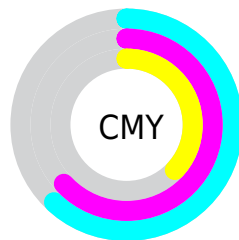


Cyan (40%)

Magenta (41%)

Yellow (0%)

Black (37%)



Cyan (62%)


Magenta (63%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 39.098, 295.967 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, 39.098, 295.967 by changing the saturation by 10% instead.


 43, 39.098,
295.967


 43, 39.098,
295.967


 100, 39.098,
295.967


 33, 39.098,
295.967

 63, 39.098,
295.967


 23, 39.098,
295.967

 73, 39.098,
295.967

 13, 39.098,
295.967

 83, 39.098,
295.967

 3, 39.098, 295.967

 93, 39.098,
295.967

 0, 39.098, 295.967

 43, 39.098,

 43, 39.098,

295.967

37, 49.720,
297.788

32, 60.622,
299.801

27, 71.458,
301.895

23, 81.443,
303.853

20, 89.254,
305.364

18, 94.269,
306.341

295.967

49, 28.871,
294.374

54, 19.058,
293.004

60, 9.642, 291.837

65, 0.596, 290.920

71, 8.108, 109.983

76, 16.495,
109.262

82, 24.587,
108.642

87, 32.405,
108.108

93, 39.966,

Harmonies

Complementary

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



43, 39.098, 295.967



64, 35.269, 107.045

Rectangle

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



43, 39.098, 295.967



43, 39.098, 345.967



43, 39.098, 115.967



43, 39.098, 165.967

Sweetspot

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



43, 39.097, 295.967



75, 13.413, 292.007



62, 21.717, 197.521



39, 8.989, 292.141



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, 39.097, 295.967



49, 59.177, 297.644



46, 40.243, 311.065



30, 5.055, 291.686



15, 86.810, 306.348



0, 6.507, 290.745

Inverse Universe

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



50, 43.586, 326.996



60, 63.738, 327.434



62, 37.997, 127.201



31, 6.042, 325.323



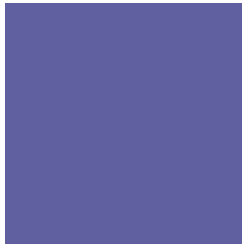
33, 74.178, 328.832



1, 7.843, 324.945

Previews

White Background



This preview shows how the CIELCh color 43, 39.098, 295.967 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, 39.098, 295.967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

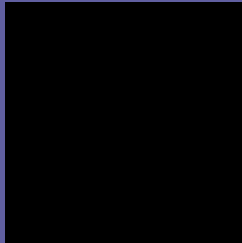
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 39.098, 295.967

Background



This preview shows how black text looks on a background with the CIELCh color 43, 39.098, 295.967.



This preview shows how white text looks on a background with the CIELCh color 43, 39.098, 295.967.

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, 39.098, 295.967

Protanopia

43, 39.277, 285.894

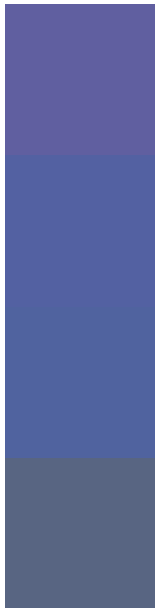
Deuteranopia

43, 34.881, 280.483



Tritanopia
43, 9.147, 230.547

Trichromacy



Original Color
43, 39.098, 295.967

Protanomaly
43, 39.144, 289.480

Deuteranomaly
43, 36.249, 286.159

Tritanomaly
43, 17.902, 277.765

Monochromacy



Original Color
43, 39.098, 295.967

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 14.452, 292.244

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 39.098, 295.967 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, 95, 160)` looks like.

```
.text, #text, p{  
    color:rgb(96, 95, 160)  
}
```

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, 95, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 95, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 39.098, 295.967 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, 95, 160) }
```

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

```
.border{ border-color:rgb(96, 95, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 95, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 95, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 95, 160);  
box-shadow:4px 4px 4px 4px rgb(96, 95,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 39.098, 295.967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 95, 160) }
```

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

```
.background{ background-color: rgb(96, 95,  
160) }
```

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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