

Converting Colors

CIELCh(39, 93.222, 305.848)

Have a look what the booklet for
CIELCh(39, 93.222, 305.848)
contains.

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Color

CIELCh(39, 93.232, 305.845)

Conversions

Conversions Part 1

Format	Color
Hex	5E3CDA
RGB	94, 60, 218
RGB Percent	37%, 24%, 85%
CMY	0.6317, 0.7650, 0.1454
CMYK	0.57, 0.72, 0.00, 0.15
HSL	253°, 68%, 54%
HSV	253°, 72%, 85%
XYZ	18.8661, 10.6589, 67.3431
YIQ	88.1780, -30.4540, 56.3460

Conversions

Conversions Part 2

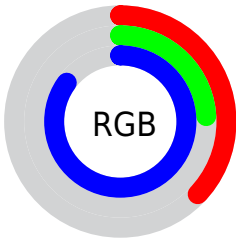
Format	Color
R_{YB}	94, 60, 218
Decimal	6175962
CIE _{Lab}	39.00, 54.60, -75.57
CIE _{LCh}	39, 93.232, 305.845
Yxy	10.6589, 0.1948, 0.1100
Android (android.graphics.Color)	4284366042 (0xFF5E3CDA)
YUV	88.1780, 64.0022, 5.1059
Hunter-Lab	32.6480, 46.0145, -99.4438

Details

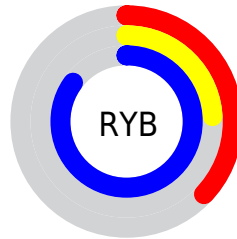
The CIELCh color **39, 93.232, 305.845** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **82, 76.267, 114.538**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 81.890, 306.600**, and **19, 93.395, 305.855** is the 20% darker color. If you saturate the color by 10%, you get **34, 104.639, 306.772**, and if you desaturate by 10%, it is **45, 80.215, 304.690**.

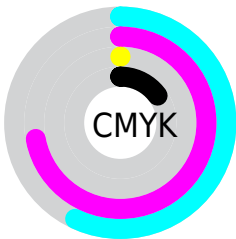
Distribution



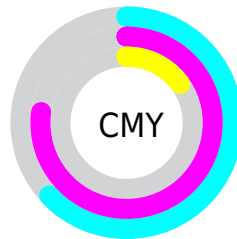
- Red (37%)
- Green (24%)
- Blue (85%)



- Red (37%)
- Yellow (24%)
- Blue (85%)



- Cyan (57%)
- Magenta (72%)
- Yellow (0%)
- Black (15%)





- Cyan (63%)
- Magenta (77%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 93.232, 305.845 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, 93.232, 305.845 by changing the saturation by 10% instead.


 39, 93.232,
305.845


 39, 93.232,
305.845

 100, 93.232,
305.845

 29, 93.232,
305.845

 59, 93.232,
305.845


 19, 93.232,
305.845


 69, 93.232,
305.845

 9, 93.232, 305.845

 79, 93.232,
305.845

 0, 93.232, 305.845

 89, 93.232,
305.845

 99, 93.232,
305.845

39, 93.232,
305.845

39, 93.232,
305.845

34, 104.639,
306.772

45, 80.215,
304.690

30, 112.969,
307.246

51, 66.642,
303.478

29, 116.963,
307.315

58, 53.106,
302.313


65, 39.887,
301.246

72, 27.097,
300.295

78, 14.771,
299.462

85, 2.904, 298.734

92, 8.524, 118.119

 99, 18.955,
116.691

Harmonies

Complementary

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



39, 93.232, 305.845



82, 76.267, 114.538

Rectangle

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



39, 93.232, 305.845



39, 93.232, 355.845



39, 93.232, 125.845



39, 93.232, 175.845

Sweetspot

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



39, 93.232, 305.846



83, 30.083, 300.268



70, 35.190, 227.101



42, 20.319, 300.516



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



39, 93.232, 305.846



38, 123.303, 307.092



48, 90.615, 318.260



42, 6.706, 299.229



22, 98.469, 307.424



2, 29.954, 300.168

Inverse Universe

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



54, 78.757, 336.317



59, 96.224, 337.809



78, 86.733, 132.298



43, 6.889, 331.629



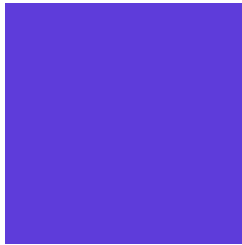
39, 73.344, 339.031



6, 29.702, 336.779

Previews

White Background



This preview shows how the CIELCh color 39, 93.232, 305.845 looks on a white background.

Color Contrast Check

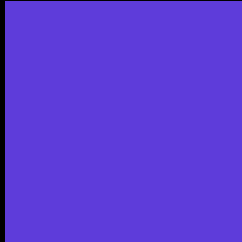
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 39, 93.232, 305.845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

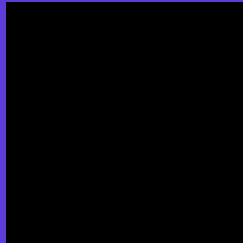
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 93.232, 305.845

Background



This preview shows how black text looks on a background with the CIELCh color 39, 93.232, 305.845.



This preview shows how white text looks on a background with the CIELCh color 39, 93.232, 305.845.

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, 93.232, 305.845

Protanopia

39, 60.124, 286.620

Deuteranopia

39, 42.266, 273.444



Tritanopia
39, 16.846, 214.620

Trichromacy



Original Color
39, 93.232, 305.845



Protanomaly
38, 73.085, 294.522



Deuteranomaly
37, 60.791, 290.343



Tritanomaly
37, 38.266, 288.120

Monochromacy



Original Color
39, 93.232, 305.845



Achromatopsia
37, 0.005, 296.813



Achromatomaly
37, 35.591, 301.972

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 93.232, 305.845 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(94, 60, 218)` looks like.

```
.text, #text, p{  
    color:rgb(94, 60, 218)  
}
```

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(94, 60, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 60, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 93.232, 305.845 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(94, 60, 218) }
```

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

```
.border{ border-color:rgb(94, 60, 218) }
```

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

Here you see how a box with a 4 pixel rgb(94, 60, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 60, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 60, 218);  
box-shadow:4px 4px 4px 4px rgb(94, 60,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 93.232, 305.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 60, 218) }
```

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

```
.background{ background-color: rgb(94, 60,  
218) }
```

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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