

Converting Colors

CIELCh(39, 35.413, 334.824)

Have a look what the booklet for
CIELCh(39, 35.413, 334.824)
contains.

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Color

CIELCh(39, 35.807, 334.769)

Conversions

Conversions Part 1

Format	Color
Hex	834775
RGB	131, 71, 117
RGB Percent	51%, 28%, 46%
CMY	0.4855, 0.7209, 0.5404
CMYK	0.00, 0.46, 0.11, 0.49
HSL	314°, 30%, 40%
HSV	314°, 46%, 51%
XYZ	14.8768, 10.6589, 18.1604
YIQ	94.1840, 20.9940, 27.0260

Conversions

Conversions Part 2

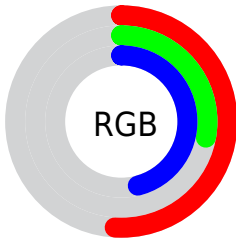
Format	Color
R_{YB}	131, 71, 117
Decimal	8603509
CIE _{Lab}	39.00, 32.39, -15.26
CIE _{LCh}	39, 35.807, 334.769
Yxy	10.6589, 0.3405, 0.2439
Android (android.graphics.Color)	4286793589 (0xFF834775)
YUV	94.1840, 11.2483, 32.2876
Hunter-Lab	32.6480, 24.2036, -10.1263

Details

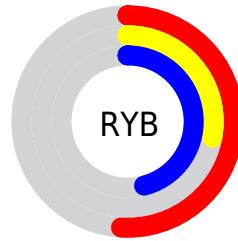
The CIELCh color $39, 35.807, 334.769$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $50, 35.675, 147.896$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 35.814, 334.699$, and $19, 35.954, 334.662$ is the 20% darker color. If you saturate the color by 10%, you get $36, 42.767, 335.531$, and if you desaturate by 10%, it is $42, 28.264, 334.046$.

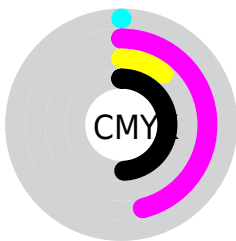
Distribution



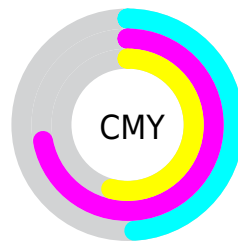
- Red (51%)
- Green (28%)
- Blue (46%)



- Red (51%)
- Yellow (28%)
- Blue (46%)



- Cyan (0%)
- Magenta (46%)
- Yellow (11%)
- Black (49%)





- Cyan (49%)
- Magenta (72%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 35.807, 334.769 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, 35.807, 334.769 by changing the saturation by 10% instead.


 39, 35.807,
334.769


 39, 35.807,
334.769

 100, 35.807,
334.769


 29, 35.807,
334.769

 59, 35.807,
334.769


 19, 35.807,
334.769


 69, 35.807,
334.769

 9, 35.807, 334.769

 79, 35.807,
334.769

 0, 35.807, 334.769

 89, 35.807,
334.769

 99, 35.807,
334.769

■ 39, 35.807,
334.769

■ 39, 35.807,
334.769

■ 36, 42.767,
335.531

■ 42, 28.264,
334.046

■ 34, 48.826,
336.343

■ 46, 20.411,
333.355

■ 32, 53.642,
337.230

■ 49, 12.448,
332.688

■ 30, 56.925,
338.222

■ 53, 4.513, 332.024

■ 56, 3.302, 151.544

■ 29, 58.643,
339.351

■ 60, 10.940,
150.921

■ 29, 59.252,
339.840

■ 64, 18.373,
150.367

■ 68, 25.588,
149.847

■ 72, 32.584,
149.355

Harmonies

Complementary

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



39, 35.807, 334.769



50, 35.675, 147.896

Rectangle

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



39, 35.807, 334.769



39, 35.807, 24.769



39, 35.807, 154.769



39, 35.807, 204.769

Sweetspot

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



39, 35.805, 334.769



64, 13.725, 332.595



34, 37.914, 303.027



32, 9.559, 332.718



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



39, 35.805, 334.769



47, 52.290, 335.571



38, 27.632, 3.970



26, 4.480, 332.254



29, 58.886, 339.827



0, 1.066, 331.722

Inverse Universe

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



39, 35.805, 334.769



47, 52.290, 335.571



51, 23.773, 173.747



26, 4.480, 332.254



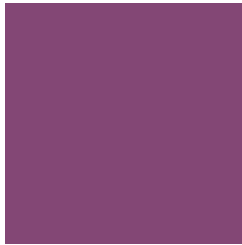
29, 58.886, 339.827



0, 1.066, 331.722

Previews

White Background



This preview shows how the CIELCh color 39, 35.807, 334.769 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, 35.807, 334.769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

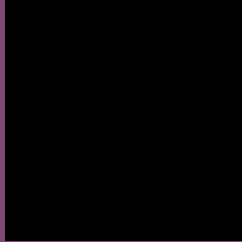
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 35.807, 334.769

Background



This preview shows how black text looks on a background with the CIELCh color 39, 35.807, 334.769.



This preview shows how white text looks on a background with the CIELCh color 39, 35.807, 334.769.

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, 35.807, 334.769

Protanopia

39, 25.237, 284.772

Deuteranopia

39, 14.715, 292.433



Tritanopia
39, 22.104, 13.593

Trichromacy



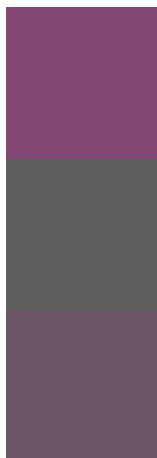
Original Color
39, 35.807, 334.769

Protanomaly
39, 26.990, 304.896

Deuteranomaly
39, 21.499, 316.464

Tritanomaly
39, 25.326, 355.334

Monochromacy



Original Color
39, 35.807, 334.769

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 13.378, 334.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 35.807, 334.769 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(131, 71, 117)` looks like.

```
.text, #text, p{  
    color:rgb(131, 71, 117)  
}
```

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(131, 71, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 71, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 35.807, 334.769 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(131, 71, 117) }
```

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

```
.border{ border-color:rgb(131, 71, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 71, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 71, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 71, 117);  
box-shadow:4px 4px 4px 4px rgb(131, 71,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 35.807, 334.769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 71, 117) }
```

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

```
.background{ background-color: rgb(131, 71,  
117) }
```

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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