

Converting Colors

CIE LCh(39, 2.035, 3.006)

Have a look what the booklet for
CIELCh(39, 2.035, 3.006) contains.

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Color

CIELCh(39, 1.806, 359.718)

Conversions

Conversions Part 1

Format	Color
Hex	5F5B5C
RGB	95, 91, 92
RGB Percent	37%, 36%, 36%
CMY	0.6279, 0.6436, 0.6397
CMYK	0.00, 0.04, 0.03, 0.63
HSL	345°, 2%, 36%
HSV	345°, 4%, 37%
XYZ	10.3643, 10.6589, 11.6090
YIQ	92.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

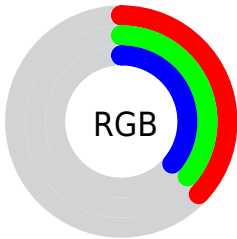
Format	Color
RYB	95, 91, 92
Decimal	6249308
CIELab	39.00, 1.81, -0.01
CIElCh	39, 1.806, 359.718
Yxy	10.6589, 0.3176, 0.3266
Android (android.graphics.Color)	4284439388 (0xFF5F5B5C)
YUV	92.3100, -0.1528, 2.3591
Hunter-Lab	32.6480, -0.4682, 1.7712

Details

The CIELCh color **39, 1.806, 359.718** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **40, 1.777, 179.349**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 1.671, 359.530**, and **19, 2.028, 0.060** is the 20% darker color. If you saturate the color by 10%, you get **36, 6.221, 0.788**, and if you desaturate by 10%, it is **42, 2.417, 179.201**.

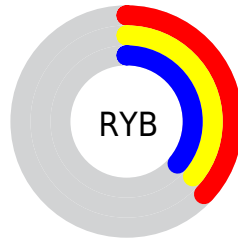
Distribution



Red (37%)

Green (36%)

Blue (36%)



Red (37%)

Yellow (36%)

Blue (36%)

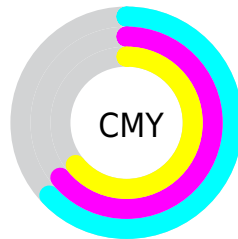


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (63%)



Cyan (63%)

Magenta (64%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 1.806, 359.718 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, 1.806, 359.718 by changing the saturation by 10% instead.

■ 39, 1.806, 359.718 ■ 39, 1.806, 359.718

100, 1.806,
359.718 ■ 29, 1.806, 359.718

■ 59, 1.806, 359.718 ■ 19, 1.806, 359.718

■ 69, 1.806, 359.718 ■ 9, 1.806, 359.718

■ 79, 1.806, 359.718 ■ 0, 1.806, 359.718

■ 89, 1.806, 359.718

■ 99, 1.806, 359.718

■ 39, 1.806, 359.718 ■ 39, 1.806, 359.718

■ 36, 6.221, 0.788 ■ 42, 2.417, 179.201

33, 10.813, 1.886

45, 6.442, 178.400

30, 15.541, 3.161

48, 10.276,
177.732

28, 20.335, 4.678

51, 13.932,
177.135

25, 25.081, 6.519

23, 29.630, 8.788

54, 17.423,
176.595

21, 33.805, 11.613

57, 20.762,
176.101

20, 37.451, 15.125

18, 40.621, 19.236

60, 23.964,
175.647

63, 27.043,
175.227

67, 30.010,
174.838

Harmonies

Complementary

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



39, 1.806, 359.718



40, 1.777, 179.349

Rectangle

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



39, 1.806, 359.718



39, 1.806, 49.718



39, 1.806, 179.718



39, 1.806, 229.718

Sweetspot

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



39, 1.805, 359.741



51, 0.527, 358.974



39, 2.766, 317.419



26, 0.297, 358.899



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



39, 1.805, 359.741



50, 2.647, 359.853



39, 1.404, 45.028



19, 1.470, 359.874



22, 48.288, 22.681



50, 86.604, 26.519

Inverse Universe

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



39, 1.805, 359.741



50, 2.647, 359.853



40, 1.376, 225.826



19, 1.470, 359.874



22, 48.288, 22.681



50, 86.604, 26.519

Previews

White Background



This preview shows how the CIE LCh color 39, 1.806, 359.718 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 39, 1.806, 359.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

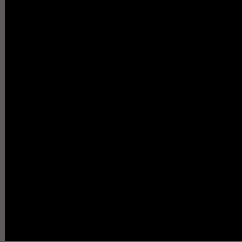
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

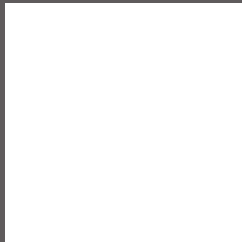
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 1.806, 359.718

Background



This preview shows how black text looks on a background with the CIELCh color 39, 1.806, 359.718.

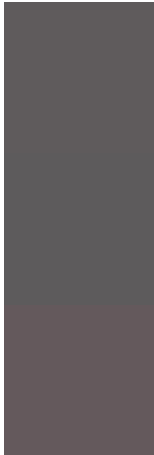


This preview shows how white text looks on a background with the CIELCh color 39, 1.806, 359.718.

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, 1.806, 359.718

Protanopia

39, 1.051, 343.591

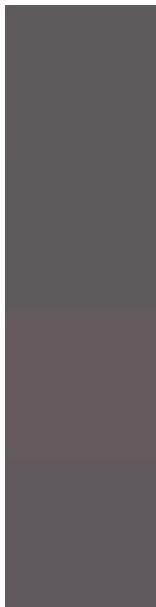
Deuteranopia

39, 5.045, 358.807



Tritanopia
39, 4.988, 320.776

Trichromacy



Original Color

39, 1.806, 359.718

Protanomaly

39, 1.415, 353.771

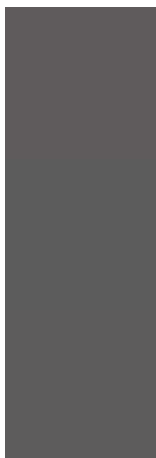
Deuteranomaly

39, 3.623, 0.153

Tritanomaly

39, 3.984, 329.697

Monochromacy



Original Color

39, 1.806, 359.718

Achromatopsia

39, 0.006, 296.813

Achromatomaly

39, 0.422, 18.716

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 1.806, 359.718 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(95, 91, 92)` looks like.

```
.text, #text, p{  
    color:rgb(95, 91, 92)  
}
```

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(95, 91, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 91, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 1.806, 359.718 is called "border". The border property can be set on classes, ids or directly on the HTML element.

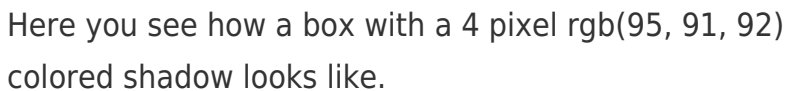
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 91, 92) }
```

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

```
.border{ border-color:rgb(95, 91, 92) }
```

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



Here you see how a box with a 4 pixel `rgb(95, 91, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 91, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 91, 92);  
box-shadow:4px 4px 4px 4px rgb(95, 91, 92)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 1.806, 359.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 91, 92) }
```

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

```
.background{ background-color: rgb(95, 91,  
92) }
```

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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