

Converting Colors

CIELCh(39, 1.967, 111.954)

Have a look what the booklet for
CIELCh(39, 1.967, 111.954) contains.

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Color

CIELCh(39, 1.827, 109.870)

Conversions

Conversions Part 1

Format	Color
Hex	5C5C59
RGB	92, 92, 89
RGB Percent	36%, 36%, 35%
CMY	0.6391, 0.6391, 0.6508
CMYK	0.00, 0.00, 0.03, 0.64
HSL	60°, 2%, 36%
HSV	60°, 3%, 36%
XYZ	10.0516, 10.6589, 10.9863
YIQ	91.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

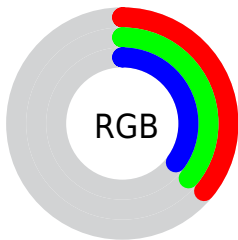
Format	Color
RYB	89, 92, 89
Decimal	6052953
CIELab	39.00, -0.62, 1.72
CIELCh	39, 1.827, 109.870
Yxy	10.6589, 0.3171, 0.3363
Android (android.graphics.Color)	4284243033 (0xFF5C5C59)
YUV	91.6580, -1.3104, 0.2999
Hunter-Lab	32.6480, -2.1779, 2.9022

Details

The CIELCh color **39, 1.827, 109.870** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **38, 1.850, 290.515**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 1.689, 109.953**, and **19, 1.366, 109.822** is the 20% darker color. If you saturate the color by 10%, you get **39, 7.438, 109.018**, and if you desaturate by 10%, it is **39, 3.797, 290.799**.

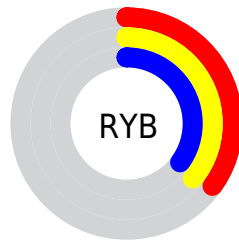
Distribution



Red (36%)

Green (36%)

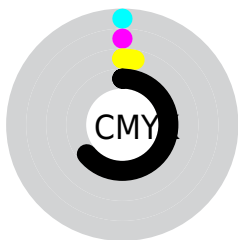
Blue (35%)



Red (35%)

Yellow (36%)

Blue (35%)

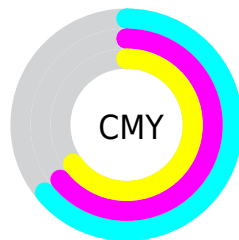


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (64%)



Cyan (64%)

Magenta (64%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 1.827, 109.870 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, 1.827, 109.870 by changing the saturation by 10% instead.

■ 39, 1.827, 109.870

■ 39, 1.827, 109.870

■ 100, 1.827,
109.870

■ 29, 1.827, 109.870

■ 59, 1.827, 109.870

■ 19, 1.827, 109.870

■ 69, 1.827, 109.870

■ 9, 1.827, 109.870

■ 79, 1.827, 109.870

■ 0, 1.827, 109.870

■ 89, 1.827, 109.870

■ 99, 1.827, 109.870

■ 39, 1.827, 109.870

■ 39, 1.827, 109.870

■ 39, 7.438, 109.018

■ 39, 3.797, 290.799

■ 39, 13.006,
108.123

■ 40, 9.421, 291.645

■ 38, 18.495,
107.233

■ 40, 15.030,
292.466

■ 38, 23.849,
106.363

■ 40, 20.617,
293.256

■ 38, 28.981,
105.535

■ 41, 26.173,
294.010

■ 38, 33.766,
104.771

■ 41, 31.693,
294.728

■ 38, 38.029,
104.102

■ 42, 37.173,
295.407

■ 38, 41.549,
103.559

■ 42, 42.608,
296.049

■ 38, 44.219,
103.155

■ 43, 47.996,
296.654

Harmonies

Complementary

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



39, 1.827, 109.870



38, 1.850, 290.515

Rectangle

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



39, 1.827, 109.870



39, 1.827, 159.870



39, 1.827, 289.870



39, 1.827, 339.870

Sweetspot

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



39, 1.828, 109.894



50, 0.692, 110.047



38, 1.277, 19.340



26, 0.396, 110.049



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, 1.828, 109.894



50, 2.789, 109.822



39, 1.944, 128.973



19, 1.568, 109.797



45, 52.043, 102.887



91, 91.731, 102.889

Inverse Universe

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



38, 1.850, 290.515



49, 2.824, 290.591



38, 1.962, 309.165



18, 1.588, 290.617



10, 71.858, 306.290



30, 126.662, 306.288

Previews

White Background



This preview shows how the CIE LCh color 39, 1.827, 109.870 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, 1.827, 109.870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

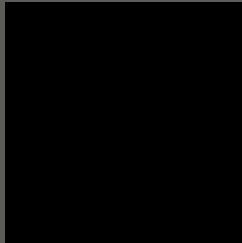
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

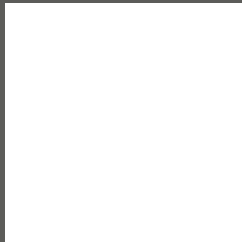
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 1.827, 109.870

Background



This preview shows how black text looks on a background with the CIELCh color 39, 1.827, 109.870.



This preview shows how white text looks on a background with the CIELCh color 39, 1.827, 109.870.

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, 1.827, 109.870

Protanopia

39, 1.760, 63.250

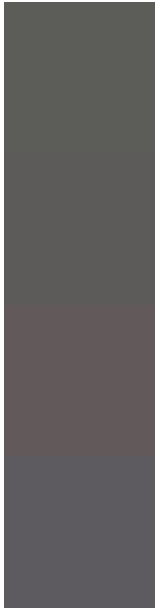
Deuteranopia

39, 5.203, 13.362



Tritanopia
39, 4.381, 301.656

Trichromacy



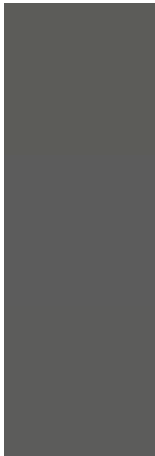
Original Color
39, 1.827, 109.870

Protanomaly
39, 1.480, 74.796

Deuteranomaly
39, 3.427, 19.785

Tritanomaly
39, 2.602, 309.212

Monochromacy



Original Color
39, 1.827, 109.870

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 0.606, 110.022

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 1.827, 109.870 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(92, 92, 89)` looks like.

```
.text, #text, p{  
    color:rgb(92, 92, 89)  
}
```

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(92, 92, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 92, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 1.827, 109.870 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(92, 92, 89) }
```

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

```
.border{ border-color:rgb(92, 92, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 92, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 92, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 92, 89);  
box-shadow:4px 4px 4px 4px rgb(92, 92, 89)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 1.827, 109.870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 92, 89) }
```

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

```
.background{ background-color: rgb(92, 92,  
89) }
```

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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