

Converting Colors

CIELCh(39, 4.583, 98.303)

Have a look what the booklet for
CIELCh(39, 4.583, 98.303) contains.

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Color

CIELCh(39, 4.348, 97.992)

Conversions

Conversions Part 1

Format	Color
Hex	5E5C55
RGB	94, 92, 85
RGB Percent	37%, 36%, 33%
CMY	0.6319, 0.6397, 0.6672
CMYK	0.00, 0.02, 0.10, 0.63
HSL	47°, 5%, 35%
HSV	47°, 10%, 37%
XYZ	10.0537, 10.6589, 10.0955
YIQ	91.8000, 3.4390, -1.7530

Conversions

Conversions Part 2

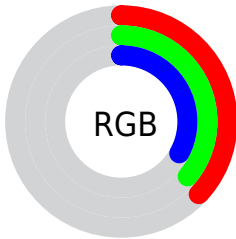
Format	Color
RYB	88, 94, 85
Decimal	6184021
CIELab	39.00, -0.60, 4.31
CIELCh	39, 4.348, 97.992
Yxy	10.6589, 0.3263, 0.3460
Android (android.graphics.Color)	4284374101 (0xFF5E5C55)
YUV	91.8000, -3.3524, 1.9294
Hunter-Lab	32.6480, -2.1664, 4.5197

Details

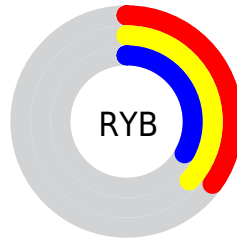
The CIELCh color $[39, 4.348, 97.992]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[37, 4.391, 280.147]$, and the grayscale version is $[39, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 4.021, 98.308]$, and $[19, 4.209, 95.586]$ is the 20% darker color. If you saturate the color by 10%, you get $[38, 8.930, 96.918]$, and if you desaturate by 10%, it is $[40, 0.193, 279.603]$.

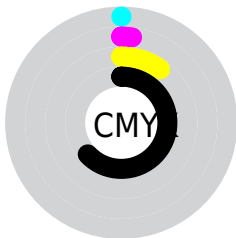
Distribution



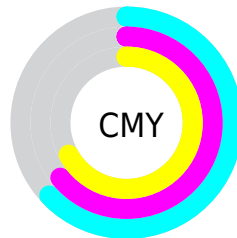
- Red (37%)
- Green (36%)
- Blue (33%)



- Red (35%)
- Yellow (37%)
- Blue (33%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (63%)



- Cyan (63%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 4.348, 97.992 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, 4.348, 97.992 by changing the saturation by 10% instead.

■ 39, 4.348, 97.992 ■ 39, 4.348, 97.992

■ 100, 4.348, 97.992 ■ 29, 4.348, 97.992

■ 59, 4.348, 97.992 ■ 19, 4.348, 97.992

■ 69, 4.348, 97.992 ■ 9, 4.348, 97.992

■ 79, 4.348, 97.992 ■ 0, 4.348, 97.992

■ 89, 4.348, 97.992

■ 99, 4.348, 97.992

■ 39, 4.348, 97.992 ■ 39, 4.348, 97.992

■ 38, 8.930, 96.918 ■ 40, 0.193, 279.603

■ 37, 13.536, 95.792 ■ 41, 4.689, 280.143

■ 36, 18.142, 94.640

■ 42, 9.135, 281.121

■ 36, 22.700, 93.466

■ 43, 13.532,
282.062

■ 35, 27.133, 92.273

■ 44, 17.880,
282.963

■ 34, 31.311, 91.058

■ 33, 35.028, 89.809

■ 45, 22.180,
283.821

■ 33, 38.000, 88.492

■ 46, 26.434,
284.636

■ 32, 40.867, 87.240

■ 47, 30.645,
285.409

■ 48, 34.813,
286.141

Harmonies

Complementary

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



39, 4.348, 97.992



37, 4.391, 280.147

Rectangle

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



39, 4.348, 97.992



39, 4.348, 147.992



39, 4.348, 277.992



39, 4.348, 327.992

Sweetspot

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



39, 4.349, 98.006



51, 1.684, 98.654



37, 4.089, 1.514



26, 1.266, 98.598



77, 0.009, 296.813



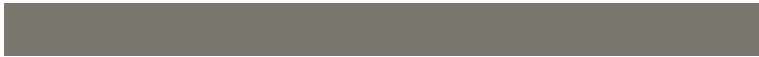
26, 0.004, 296.813

Same Dimension

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



39, 4.349, 98.006



50, 6.784, 97.707



39, 5.578, 120.013



18, 2.494, 98.088



38, 45.657, 86.845



78, 80.034, 85.626

Inverse Universe

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



37, 4.391, 280.147



47, 6.861, 280.484



37, 5.682, 301.097



17, 2.517, 280.056



14, 58.631, 300.281



35, 109.608, 302.116

Previews

White Background



This preview shows how the CIELCh color 39, 4.348, 97.992 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, 4.348, 97.992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

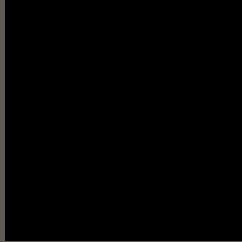
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

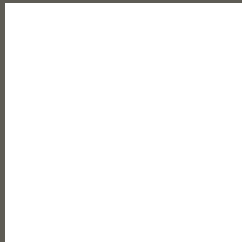
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 4.348, 97.992

Background



This preview shows how black text looks on a background with the CIELCh color 39, 4.348, 97.992.



This preview shows how white text looks on a background with the CIELCh color 39, 4.348, 97.992.

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, 4.348, 97.992

Protanopia

39, 4.045, 84.142

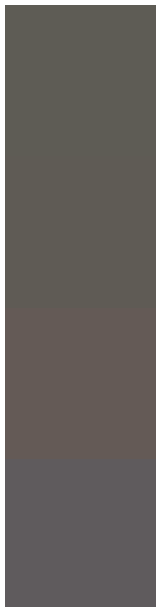
Deuteranopia

39, 6.410, 36.660



Tritanopia
39, 4.988, 320.776

Trichromacy



Original Color

39, 4.348, 97.992

Protanomaly

39, 4.045, 84.142

Deuteranomaly

39, 5.000, 48.974

Tritanomaly

39, 2.096, 343.857

Monochromacy



Original Color

39, 4.348, 97.992

Achromatopsia

39, 0.006, 296.813

Achromatomaly

39, 1.872, 96.711

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 4.348, 97.992 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, 92, 85)` looks like.

```
.text, #text, p{  
    color:rgb(94, 92, 85)  
}
```

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, 92, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 92, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 4.348, 97.992 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, 92, 85) }
```

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

```
.border{ border-color:rgb(94, 92, 85) }
```

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

Here you see how a box with a 4 pixel rgb(94, 92, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 92, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 92, 85);  
box-shadow:4px 4px 4px 4px rgb(94, 92, 85)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 4.348, 97.992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 92, 85) }
```

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

```
.background{ background-color: rgb(94, 92,  
85) }
```

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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