

Converting Colors

CIELCh(39, 12.972, 35.328)

Have a look what the booklet for
CIELCh(39, 12.972, 35.328) contains.

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Color

CIELCh(39, 13.106, 34.413)

Conversions

Conversions Part 1

Format	Color
Hex	715550
RGB	113, 85, 80
RGB Percent	44%, 33%, 31%
CMY	0.5556, 0.6655, 0.6851
CMYK	0.00, 0.25, 0.29, 0.56
HSL	9°, 17%, 38%
HSV	9°, 29%, 44%
XYZ	11.5814, 10.6589, 9.0931
YIQ	92.8020, 18.2930, 4.3810

Conversions

Conversions Part 2

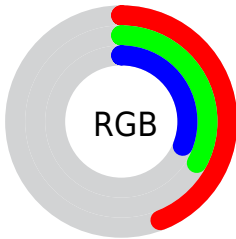
Format	Color
R_{YB}	113, 86, 80
Decimal	7427408
CIE _{Lab}	39.00, 10.81, 7.41
CIE _{LCh}	39, 13.106, 34.413
Yxy	10.6589, 0.3696, 0.3402
Android (android.graphics.Color)	4285617488 (0xFF715550)
YUV	92.8020, -6.3114, 17.7136
Hunter-Lab	32.6480, 6.1859, 6.3402

Details

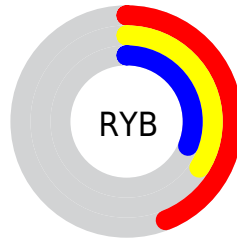
The CIELCh color **39, 13.106, 34.413** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **44, 10.796, 214.534**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 12.866, 35.725**, and **19, 12.888, 34.157** is the 20% darker color. If you saturate the color by 10%, you get **36, 18.311, 34.865**, and if you desaturate by 10%, it is **42, 8.272, 34.139**.

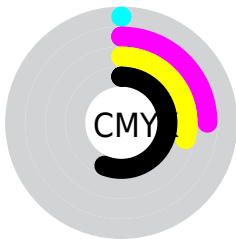
Distribution



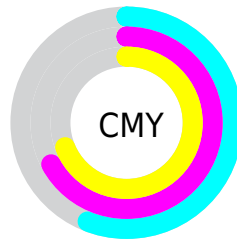
- Red (44%)
- Green (33%)
- Blue (31%)



- Red (44%)
- Yellow (34%)
- Blue (31%)



- Cyan (0%)
- Magenta (25%)
- Yellow (29%)
- Black (56%)



- Cyan (56%)
- Magenta (67%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 13.106, 34.413 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, 13.106, 34.413 by changing the saturation by 10% instead.

■ 39, 13.106, 34.413

■ 39, 13.106, 34.413

■ 100, 13.106,
34.413

■ 29, 13.106, 34.413

■ 59, 13.106, 34.413

■ 19, 13.106, 34.413

■ 69, 13.106, 34.413

■ 9, 13.106, 34.413

■ 79, 13.106, 34.413

■ 0, 13.106, 34.413

■ 89, 13.106, 34.413

■ 99, 13.106, 34.413

■ 39, 13.106, 34.413

■ 39, 13.106, 34.413

■ 36, 18.311, 34.865

■ 42, 8.272, 34.139

■ 33, 23.885, 35.521

■ 45, 3.798, 33.959

■ 31, 29.795, 36.431

■ 48, 0.344, 215.089

■ 29, 35.958, 37.618

■ 51, 4.182, 214.170

■ 27, 42.211, 39.045

■ 54, 7.748, 214.242

■ 25, 48.131, 40.417

■ 57, 11.073,
214.383

■ 24, 52.727, 41.016

■ 61, 14.184,
214.563

■ 23, 53.094, 41.102

■ 64, 17.107,
214.768

■ 67, 19.865,
214.989

Harmonies

Complementary

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



39, 13.106, 34.413



44, 10.796, 214.534

Rectangle

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



39, 13.106, 34.413



39, 13.106, 84.413



39, 13.106, 214.413



39, 13.106, 264.413

Sweetspot

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



39, 13.105, 34.420



58, 4.653, 33.960



39, 21.703, 330.521



29, 3.227, 33.980



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



39, 13.105, 34.420



48, 20.112, 34.701



44, 13.858, 86.198



22, 2.316, 33.956



25, 55.781, 41.436



53, 99.275, 41.852

Inverse Universe

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



44, 10.796, 214.534



55, 15.724, 214.810



39, 13.692, 273.997



23, 2.193, 214.170



39, 24.959, 223.805



78, 42.566, 225.605

Previews

White Background



This preview shows how the CIE LCh color 39, 13.106, 34.413 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, 13.106, 34.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

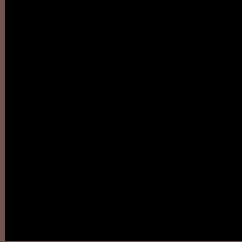
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 13.106, 34.413

Background



This preview shows how black text looks on a background with the CIELCh color 39, 13.106, 34.413.



This preview shows how white text looks on a background with the CIELCh color 39, 13.106, 34.413.

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, 13.106, 34.413

Protanopia

39, 5.170, 89.652

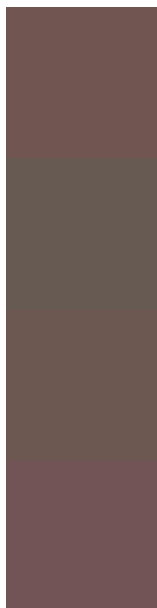
Deuteranopia

39, 9.088, 57.027



Tritanopia
39, 13.543, 5.896

Trichromacy



Original Color
39, 13.106, 34.413

Protanomaly
39, 6.828, 58.417

Deuteranomaly
39, 10.313, 48.440

Tritanomaly
39, 13.328, 16.163

Monochromacy



Original Color
39, 13.106, 34.413

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 4.498, 35.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 13.106, 34.413 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(113, 85, 80)` looks like.

```
.text, #text, p{  
    color:rgb(113, 85, 80)  
}
```

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(113, 85, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 85, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 13.106, 34.413 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(113, 85, 80) }
```

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

```
.border{ border-color:rgb(113, 85, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 85, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 85, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 85, 80);  
box-shadow:4px 4px 4px 4px rgb(113, 85,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 13.106, 34.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 85, 80) }
```

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

```
.background{ background-color: rgb(113, 85,  
80) }
```

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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