

Converting Colors

CIELCh(19, 39.812, 13.973)

Have a look what the booklet for
CIELCh(19, 39.812, 13.973) contains.

CIELCh(19, 39.878, 14.108)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(19, 39.878, 14.108)

Conversions

Conversions Part 1

Format	Color
Hex	600722
RGB	96, 7, 34
RGB Percent	38%, 3%, 13%
CMY	0.6239, 0.9729, 0.8669
CMYK	0.00, 0.93, 0.65, 0.62
HSL	342°, 87%, 20%
HSV	342°, 93%, 38%
XYZ	5.1774, 2.7468, 1.7658
YIQ	36.6890, 44.3770, 27.2650

Conversions

Conversions Part 2

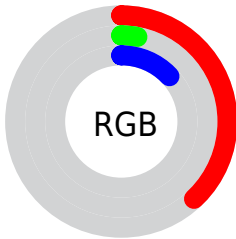
Format	Color
RYB	96, 7, 34
Decimal	6293282
CIELab	19.00, 38.68, 9.72
CIElCh	19, 39.878, 14.108
Yxy	2.7468, 0.5343, 0.2835
Android (android.graphics.Color)	4284483362 (0xFF600722)
YUV	36.6890, -1.3257, 52.0157
Hunter-Lab	16.5735, 26.7579, 5.2843

Details

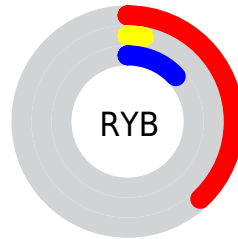
The CIELCh color **19, 39.878, 14.108** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **36, 32.403, 164.254**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 39.529, 14.141**, and **5, 23.845, 18.421** is the 20% darker color. If you saturate the color by 10%, you get **18, 42.038, 16.810**, and if you desaturate by 10%, it is **20, 37.020, 10.171**.

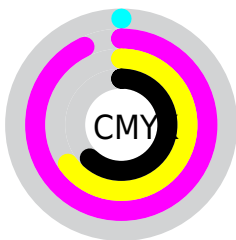
Distribution



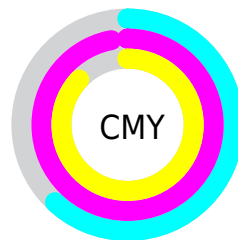
- Red (38%)
- Green (3%)
- Blue (13%)



- Red (38%)
- Yellow (3%)
- Blue (13%)



- Cyan (0%)
- Magenta (93%)
- Yellow (65%)
- Black (62%)



- Cyan (62%)
- Magenta (97%)
- Yellow (87%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 39.878, 14.108 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 19, 39.878, 14.108 by changing the saturation by 10% instead.

 19, 39.878, 14.108

 19, 39.878, 14.108

 100, 39.878,
14.108

 9, 39.878, 14.108

 39, 39.878, 14.108

 0, 39.878, 14.108

 49, 39.878, 14.108

 59, 39.878, 14.108

 69, 39.878, 14.108

 79, 39.878, 14.108

 89, 39.878, 14.108

 99, 39.878, 14.108

■ 19, 39.878, 14.108

■ 19, 39.878, 14.108

■ 18, 42.038, 16.810

■ 20, 37.020, 10.171

■ 22, 33.524, 6.926

■ 24, 29.423, 4.326

■ 26, 24.894, 2.229

■ 28, 20.126, 0.514

■ 31, 15.280,
359.084

■ 34, 10.473,
357.868

■ 37, 5.779, 356.804

■ 40, 1.245, 355.715

Harmonies

Complementary

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



19, 39.878, 14.108



36, 32.403, 164.254

Rectangle

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



19, 39.878, 14.108



19, 39.878, 64.108



19, 39.878, 194.108



19, 39.878, 244.108

Sweetspot

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



19, 39.876, 14.110



42, 16.128, 358.581



17, 55.787, 317.541



20, 11.268, 358.971



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



19, 39.876, 14.110



25, 51.091, 18.682



21, 42.385, 41.016



18, 2.533, 356.411



22, 47.163, 17.970



51, 83.989, 21.803

Inverse Universe

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



19, 39.876, 14.110



25, 51.091, 18.682



31, 20.731, 227.693



18, 2.533, 356.411



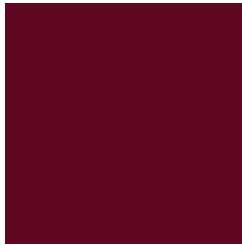
22, 47.163, 17.970



51, 83.989, 21.803

Previews

White Background



This preview shows how the CIE LCh color 19, 39.878, 14.108 looks on a white background.

Color Contrast Check

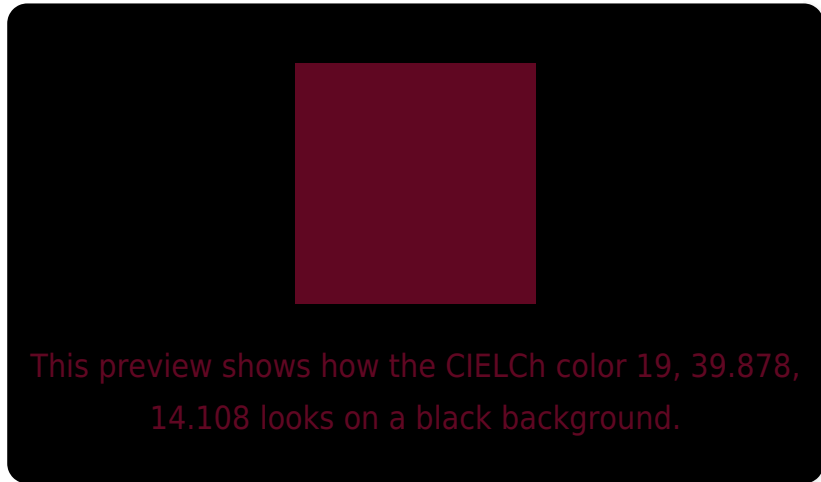
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 19, 39.878, 14.108

Background



This preview shows how black text looks on a background with the CIELCh color 19, 39.878, 14.108.



This preview shows how white text looks on a background with the CIELCh color 19, 39.878, 14.108.

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

19, 39.878, 14.108

Protanopia

20, 0.468, 19.058

Deuteranopia

20, 13.519, 76.566



Tritanopia
19, 42.035, 33.575

Trichromacy



Original Color
19, 39.878, 14.108

Protanomaly
18, 17.224, 1.191

Deuteranomaly
18, 21.742, 26.899

Tritanomaly
19, 40.839, 27.411

Monochromacy



Original Color
19, 39.878, 14.108

Achromatopsia
15, 0.003, 296.813

Achromatomaly
14, 17.157, 1.242

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 39.878, 14.108 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(96, 7, 34)` looks like.

```
.text, #text, p{  
    color:rgb(96, 7, 34)  
}
```

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(96, 7, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 7, 34) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 39.878, 14.108 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(96, 7, 34) }
```

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

```
.border{ border-color:rgb(96, 7, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 7, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 7, 34); -webkit-box-shadow:4px  
4px 4px 4px rgb(96, 7, 34); box-shadow:4px  
4px 4px 4px rgb(96, 7, 34) }
```

Background

The CSS property to change the background color of an element to CIELCh 19, 39.878, 14.108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 7, 34) }
```

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

```
.background{ background-color: rgb(96, 7,  
34) }
```

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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