

Converting Colors

CIELCh(19, 39.808, 327.576)

Have a look what the booklet for
CIELCh(19, 39.808, 327.576)
contains.

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Color

CIELCh(19, 39.808, 327.576)

Conversions

Conversions Part 1

Format	Color
Hex	4E174E
RGB	78, 23, 78
RGB Percent	31%, 9%, 31%
CMY	0.6956, 0.9113, 0.6955
CMYK	0.00, 0.71, 0.00, 0.70
HSL	300°, 55%, 20%
HSV	300°, 71%, 30%
XYZ	4.7727, 2.7468, 7.4193
YIQ	45.7150, 15.1250, 28.7650

Conversions

Conversions Part 2

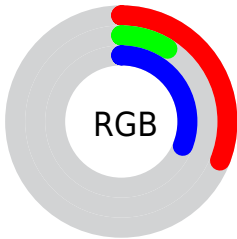
Format	Color
RYB	78, 23, 78
Decimal	5117774
CIELab	19.00, 33.60, -21.34
CIELCh	19, 39.808, 327.576
Yxy	2.7468, 0.3195, 0.1839
Android (android.graphics.Color)	4283307854 (0xFF4E174E)
YUV	45.7150, 15.9165, 28.3139
Hunter-Lab	16.5735, 22.3992, -14.9402

Details

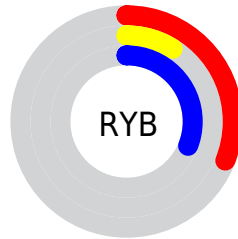
The CIELCh color **19, 39.808, 327.576** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **28, 40.343, 138.764**, and the grayscale version is **19, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 39.745, 327.730**, and **4, 25.432, 327.801** is the 20% darker color. If you saturate the color by 10%, you get **18, 43.506, 327.845**, and if you desaturate by 10%, it is **20, 35.284, 327.240**.

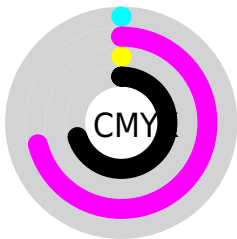
Distribution



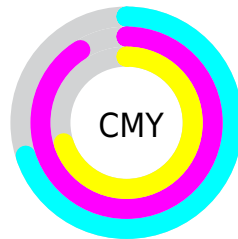
- Red (31%)
- Green (9%)
- Blue (31%)



- Red (31%)
- Yellow (9%)
- Blue (31%)



- Cyan (0%)
- Magenta (71%)
- Yellow (0%)
- Black (70%)



- Cyan (70%)
- Magenta (91%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 39.808, 327.576 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, 39.808, 327.576 by changing the saturation by 10% instead.

■ 19, 39.808,
327.576

■ 19, 39.808,
327.576

■ 100, 39.808,
327.576

■ 9, 39.808, 327.576

■ 39, 39.808,
327.576

■ 0, 39.808, 327.576

■ 49, 39.808,
327.576


■ 59, 39.808,
327.576


■ 69, 39.808,
327.576


■ 79, 39.808,
327.576


■ 89, 39.808,


327.576


 99, 39.808,
327.576


 19, 39.808,
327.576

 19, 39.808,
327.576


 18, 43.506,
327.845


 20, 35.284,
327.240

 17, 46.323,
328.046

 22, 30.123,
326.848

 16, 48.840,
328.223

 24, 24.512,
326.411

 26, 18.622,
325.943

 28, 12.594,
325.455

■ 30, 6.533, 324.951

■ 33, 0.518, 324.225

■ 35, 5.400, 144.017

■ 38, 11.189,
143.532

Harmonies

Complementary

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



19, 39.808, 327.576



28, 40.343, 138.764

Rectangle

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



19, 39.808, 327.576



19, 39.808, 17.576



19, 39.808, 147.576



19, 39.808, 197.576

Sweetspot

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



19, 39.807, 327.576



37, 15.891, 325.501



12, 38.701, 299.967



17, 10.622, 325.568



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



19, 39.807, 327.576



24, 55.081, 327.996



18, 29.422, 350.332



14, 3.312, 324.836



23, 58.972, 328.222



54, 106.718, 328.222

Inverse Universe

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



17, 29.507, 28.601



21, 44.789, 33.632



29, 28.134, 155.386



14, 1.910, 19.778



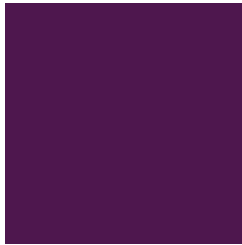
19, 50.497, 35.950



48, 96.556, 39.992

Previews

White Background



This preview shows how the CIE LCh color 19, 39.808, 327.576 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



This preview shows how the CIE LCh color 19, 39.808, 327.576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

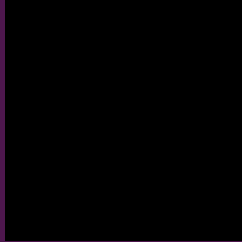
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 39.808, 327.576

Background



This preview shows how black text looks on a background with the CIELCh color 19, 39.808, 327.576.



This preview shows how white text looks on a background with the CIELCh color 19, 39.808, 327.576.

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, 39.808, 327.576

Protanopia

19, 35.791, 284.013

Deuteranopia

20, 18.124, 278.611



Tritanopia
19, 18.901, 20.261

Trichromacy



Original Color
19, 39.808, 327.576

Protanomaly
17, 37.229, 295.121

Deuteranomaly
19, 25.137, 305.140

Tritanomaly
19, 23.948, 350.879

Monochromacy



Original Color
19, 39.808, 327.576

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 16.345, 326.065

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 39.808, 327.576 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(78, 23, 78)` looks like.

```
.text, #text, p{  
    color:rgb(78, 23, 78)  
}
```

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(78, 23, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 23, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 39.808, 327.576 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(78, 23, 78) }
```

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

```
.border{ border-color:rgb(78, 23, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 23, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 23, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 23, 78);  
box-shadow:4px 4px 4px 4px rgb(78, 23, 78)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 39.808, 327.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 23, 78) }
```

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

```
.background{ background-color: rgb(78, 23,  
78) }
```

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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