

Converting Colors

CIELCh(19, 43.255, 348.861)

Have a look what the booklet for
CIELCh(19, 43.255, 348.861)
contains.

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Color

CIELCh(19, 43.375, 349.159)

Conversions

Conversions Part 1

Format	Color
Hex	5F003B
RGB	95, 0, 59
RGB Percent	37%, 0%, 23%
CMY	0.6275, 1.0000, 0.7687
CMYK	0.00, 1.00, 0.38, 0.63
HSL	323°, 100%, 19%
HSV	323°, 100%, 37%
XYZ	5.5058, 2.7468, 4.3752
YIQ	35.1310, 37.6810, 38.4890

Conversions

Conversions Part 2

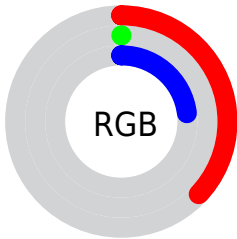
Format	Color
R_{YB}	95, 0, 59
Decimal	6225979
CIE _{Lab}	19.00, 42.60, -8.16
CIE _{LCh}	19, 43.375, 349.159
Yxy	2.7468, 0.4360, 0.2175
Android (android.graphics.Color)	4284416059 (0xFF5F003B)
YUV	35.1310, 11.7674, 52.5051
Hunter-Lab	16.5735, 30.2950, -4.0503

Details

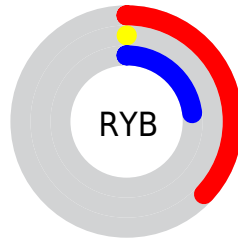
The CIELCh color **19, 43.375, 349.159** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **35, 46.812, 145.380**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 43.215, 349.281**, and **6, 24.660, 5.038** is the 20% darker color. If you saturate the color by 10%, you get **19, 43.368, 349.162**, and if you desaturate by 10%, it is **20, 41.568, 347.301**.

Distribution



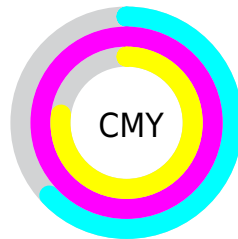
- Red (37%)
- Green (0%)
- Blue (23%)



- Red (37%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (38%)
- Black (63%)





- Cyan (63%)
- Magenta (100%)
- Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 43.375, 349.159 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, 43.375, 349.159 by changing the saturation by 10% instead.

 19, 43.375,
349.159


 19, 43.375,
349.159


 100, 43.375,
349.159


 9, 43.375, 349.159


 39, 43.375,
349.159

 0, 43.375, 349.159

 49, 43.375,
349.159

 59, 43.375,
349.159


 69, 43.375,
349.159


 79, 43.375,
349.159


 89, 43.375,


349.159


 99, 43.375,
349.159


 19, 43.375,
349.159


 19, 43.375,
349.159


 19, 43.368,
349.162

 20, 41.568,
347.301

 21, 39.395,
345.522

 23, 36.138,
344.046

 25, 31.987,
342.796

 27, 27.185,
341.710

■ 29, 21.961,
340.745

■ 32, 16.507,
339.872

■ 35, 10.968,
339.070

■ 37, 5.445, 338.314

Harmonies

Complementary

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



19, 43.375, 349.159



35, 46.812, 145.380

Rectangle

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



19, 43.375, 349.159



19, 43.375, 39.159



19, 43.375, 169.159



19, 43.375, 219.159

Sweetspot

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



19, 43.368, 349.162



41, 20.340, 339.947



10, 61.783, 309.979



19, 13.745, 340.179



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



19, 43.368, 349.162



26, 51.606, 350.021



18, 45.042, 29.403



18, 3.102, 338.232



23, 48.582, 349.744



53, 83.961, 351.636

Inverse Universe

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



19, 43.368, 349.162



26, 51.606, 350.021



36, 27.503, 179.163



18, 3.102, 338.232



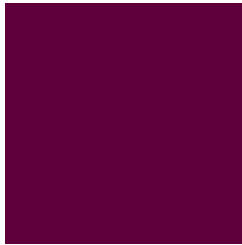
23, 48.582, 349.744



53, 83.961, 351.636

Previews

White Background



This preview shows how the CIE LCh color 19, 43.375, 349.159 looks on a white background.

Color Contrast Check

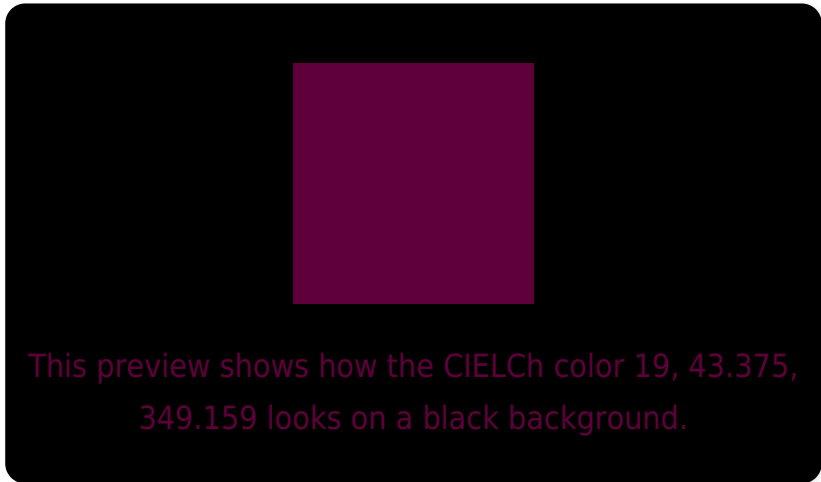
Large Text (above 18pt) WCAG AA ✓ Pass

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

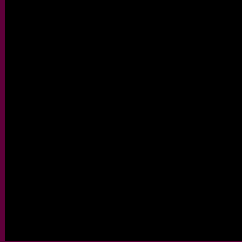
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 43.375, 349.159

Background



This preview shows how black text looks on a background with the CIELCh color 19, 43.375, 349.159.



This preview shows how white text looks on a background with the CIELCh color 19, 43.375, 349.159.

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, 43.375, 349.159

Protanopia

21, 24.463, 285.662

Deuteranopia

21, 4.473, 315.038



Tritanopia
20, 36.410, 29.459

Trichromacy



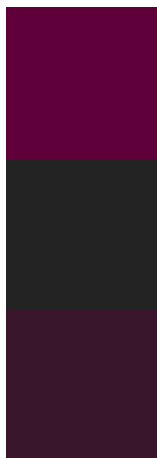
Original Color
19, 43.375, 349.159

Protanomaly
17, 32.167, 314.145

Deuteranomaly
18, 23.146, 339.157

Tritanomaly
19, 36.924, 12.642

Monochromacy



Original Color
19, 43.375, 349.159

Achromatopsia
14, 0.003, 296.813

Achromatomaly
13, 21.676, 342.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 43.375, 349.159 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(95, 0, 59)` looks like.

```
.text, #text, p{  
    color:rgb(95, 0, 59)  
}
```

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(95, 0, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 0, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 43.375, 349.159 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(95, 0, 59) }
```

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

```
.border{ border-color:rgb(95, 0, 59) }
```

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

Here you see how a box with a 4 pixel rgb(95, 0, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 0, 59); -webkit-box-shadow:4px  
4px 4px 4px rgb(95, 0, 59); box-shadow:4px  
4px 4px 4px rgb(95, 0, 59) }
```

Background

The CSS property to change the background color of an element to CIELCh 19, 43.375, 349.159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 0, 59) }
```

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

```
.background{ background-color: rgb(95, 0,  
59) }
```

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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