

Converting Colors

CIELCh(19, 43.051, 338.519)

Have a look what the booklet for
CIELCh(19, 43.051, 338.519)
contains.

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Color

CIELCh(19, 43.184, 338.462)

Conversions

Conversions Part 1

Format	Color
Hex	590946
RGB	89, 9, 70
RGB Percent	35%, 4%, 27%
CMY	0.6516, 0.9656, 0.7260
CMYK	0.00, 0.90, 0.21, 0.65
HSL	314°, 82%, 19%
HSV	314°, 90%, 35%
XYZ	5.3008, 2.7468, 6.0216
YIQ	39.8740, 28.0990, 35.9310

Conversions

Conversions Part 2

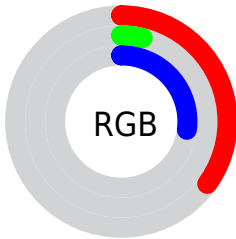
Format	Color
R_{YB}	89, 9, 70
Decimal	5835078
CIE _{Lab}	19.00, 40.17, -15.85
CIE _{LCh}	19, 43.184, 338.462
Yxy	2.7468, 0.3768, 0.1952
Android (android.graphics.Color)	4284025158 (0xFF590946)
YUV	39.8740, 14.8521, 43.0835
Hunter-Lab	16.5735, 28.0865, -9.9400

Details

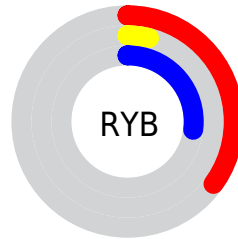
The CIELCh color **19, 43.184, 338.462** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **32, 46.154, 142.188**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 43.233, 338.263**, and **5, 24.559, 344.477** is the 20% darker color. If you saturate the color by 10%, you get **18, 45.182, 339.420**, and if you desaturate by 10%, it is **20, 40.869, 337.491**.

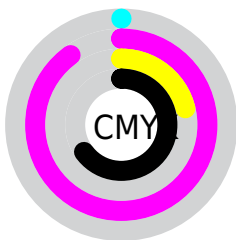
Distribution



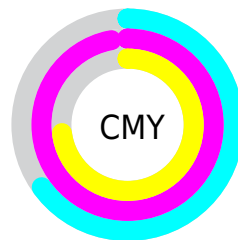
- Red (35%)
- Green (4%)
- Blue (27%)



- Red (35%)
- Yellow (4%)
- Blue (27%)



- Cyan (0%)
- Magenta (90%)
- Yellow (21%)
- Black (65%)




- Cyan (65%)
- Magenta (97%)
- Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 43.184, 338.462 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, 43.184, 338.462 by changing the saturation by 10% instead.

 19, 43.184,
338.462

 19, 43.184,
338.462

 100, 43.184,
338.462


 9, 43.184, 338.462


 39, 43.184,
338.462

 0, 43.184, 338.462

 49, 43.184,
338.462

 59, 43.184,
338.462


 69, 43.184,
338.462

 79, 43.184,
338.462


 89, 43.184,


338.462


 99, 43.184,
338.462


 19, 43.184,
338.462


 19, 43.184,
338.462


 18, 45.182,
339.420

 20, 40.869,
337.491

 21, 37.494,
336.622

 23, 33.227,
335.827

 25, 28.294,
335.084

 27, 22.916,
334.379

■ 30, 17.279,
333.706

■ 32, 11.528,
333.058

■ 35, 5.768, 332.427

■ 38, 0.071, 329.368

Harmonies

Complementary

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



19, 43.184, 338.462



32, 46.154, 142.188

Rectangle

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



19, 43.184, 338.462



19, 43.184, 28.462



19, 43.184, 158.462



19, 43.184, 208.462

Sweetspot

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



19, 43.182, 338.462



40, 19.131, 333.557



10, 54.686, 307.087



19, 12.992, 333.691



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



19, 43.182, 338.462



25, 53.804, 339.867



17, 37.176, 15.783



16, 3.123, 332.340



23, 51.296, 339.754



53, 90.204, 340.740

Inverse Universe

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



19, 43.182, 338.462



25, 53.804, 339.867



33, 28.828, 167.819



16, 3.123, 332.340



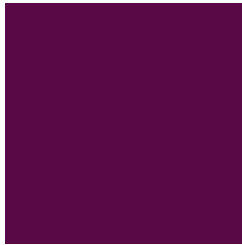
23, 51.296, 339.754



53, 90.204, 340.740

Previews

White Background



This preview shows how the CIE LCh color 19, 43.184, 338.462 looks on a white background.

Color Contrast Check

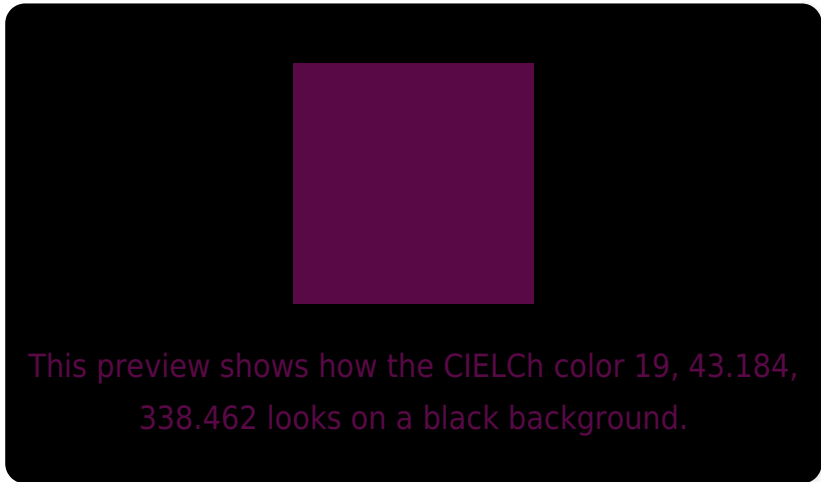
Large Text (above 18pt) WCAG AA ✓ Pass

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

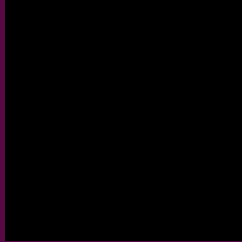
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 43.184, 338.462

Background



This preview shows how black text looks on a background with the CIELCh color 19, 43.184, 338.462.



This preview shows how white text looks on a background with the CIELCh color 19, 43.184, 338.462.

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, 43.184, 338.462

Protanopia

20, 34.809, 285.657

Deuteranopia

20, 12.297, 285.541



Tritanopia
20, 29.999, 25.622

Trichromacy



Original Color
19, 43.184, 338.462

Protanomaly
17, 38.015, 302.781

Deuteranomaly
18, 24.863, 320.316

Tritanomaly
19, 32.173, 3.995

Monochromacy



Original Color
19, 43.184, 338.462

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 19.834, 335.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 43.184, 338.462 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(89, 9, 70)` looks like.

```
.text, #text, p{  
    color:rgb(89, 9, 70)  
}
```

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(89, 9, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 9, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 43.184, 338.462 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(89, 9, 70) }
```

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

```
.border{ border-color:rgb(89, 9, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 9, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 9, 70); -webkit-box-shadow:4px  
4px 4px 4px rgb(89, 9, 70); box-shadow:4px  
4px 4px 4px rgb(89, 9, 70) }
```

Background

The CSS property to change the background color of an element to CIELCh 19, 43.184, 338.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 9, 70) }
```

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

```
.background{ background-color: rgb(89, 9,  
70) }
```

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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