

Converting Colors

CIELCh(19, 37.930, 9.077)

Have a look what the booklet for
CIELCh(19, 37.930, 9.077) contains.

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Color

CIELCh(19, 37.909, 9.317)

Conversions

Conversions Part 1

Format	Color
Hex	5E0B27
RGB	94, 11, 39
RGB Percent	37%, 4%, 15%
CMY	0.6322, 0.9579, 0.8477
CMYK	0.00, 0.89, 0.59, 0.63
HSL	340°, 79%, 20%
HSV	340°, 89%, 37%
XYZ	5.0743, 2.7468, 2.1679
YIQ	39.0090, 40.4800, 26.3040

Conversions

Conversions Part 2

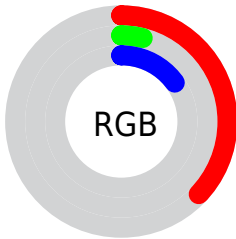
Format	Color
R_{YB}	94, 11, 39
Decimal	6163239
CIE _{Lab}	19.00, 37.41, 6.14
CIE _{LCh}	19, 37.909, 9.317
Yxy	2.7468, 0.5080, 0.2750
Android (android.graphics.Color)	4284353319 (0xFF5E0B27)
YUV	39.0090, -0.0044, 48.2271
Hunter-Lab	16.5735, 25.6478, 3.8459

Details

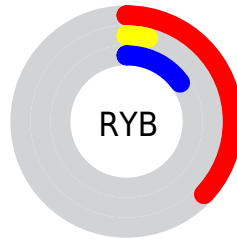
The CIELCh color **19, 37.909, 9.317** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **35, 32.200, 162.530**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 38.191, 8.838**, and **5, 23.178, 19.104** is the 20% darker color. If you saturate the color by 10%, you get **18, 40.553, 13.036**, and if you desaturate by 10%, it is **20, 35.023, 5.829**.

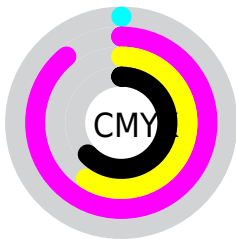
Distribution



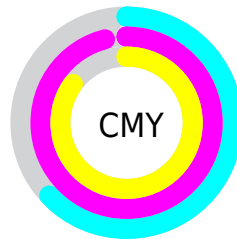
- Red (37%)
- Green (4%)
- Blue (15%)



- Red (37%)
- Yellow (4%)
- Blue (15%)



- Cyan (0%)
- Magenta (89%)
- Yellow (59%)
- Black (63%)



- Cyan (63%)
- Magenta (96%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 37.909, 9.317 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, 37.909, 9.317 by changing the saturation by 10% instead.

 19, 37.909, 9.317  19, 37.909, 9.317

 100, 37.909, 9.317  9, 37.909, 9.317

 39, 37.909, 9.317  0, 37.909, 9.317

 49, 37.909, 9.317

 59, 37.909, 9.317

 69, 37.909, 9.317

 79, 37.909, 9.317

 89, 37.909, 9.317

 99, 37.909, 9.317

 19, 37.909, 9.317  19, 37.909, 9.317

18, 40.553, 13.036

20, 35.023, 5.829

18, 40.971, 13.528

22, 31.421, 3.031

24, 27.250, 0.780

26, 22.704,
358.947

29, 17.966,
357.427

32, 13.180,
356.140

34, 8.447, 355.026

37, 3.833, 354.023

40, 0.628, 173.666

Harmonies

Complementary

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



19, 37.909, 9.317



35, 32.200, 162.530

Rectangle

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



19, 37.909, 9.317



19, 37.909, 59.317



19, 37.909, 189.317



19, 37.909, 239.317

Sweetspot

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



19, 37.907, 9.319



42, 15.498, 356.055



16, 53.541, 316.655



19, 10.371, 356.304



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, 37.907, 9.319



25, 49.720, 15.392



20, 40.484, 39.328



17, 2.465, 354.047



22, 45.867, 14.670



50, 81.983, 18.547

Inverse Universe

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



19, 37.907, 9.319



25, 49.720, 15.392



31, 20.237, 220.364



17, 2.465, 354.047



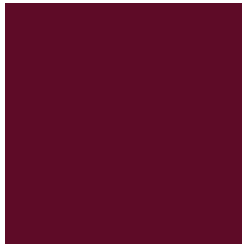
22, 45.867, 14.670



50, 81.983, 18.547

Previews

White Background



This preview shows how the CIE LCh color 19, 37.909, 9.317 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, 37.909, 9.317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

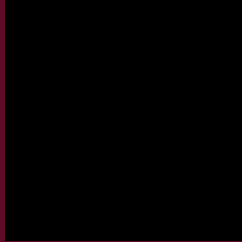
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 37.909, 9.317

Background



This preview shows how black text looks on a background with the CIELCh color 19, 37.909, 9.317.



This preview shows how white text looks on a background with the CIELCh color 19, 37.909, 9.317.

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, 37.909, 9.317

Protanopia

20, 4.767, 291.309

Deuteranopia

20, 10.003, 73.401



Tritanopia
19, 39.424, 32.004

Trichromacy



Original Color
19, 37.909, 9.317

Protanomaly
18, 17.554, 348.839

Deuteranomaly
18, 19.040, 20.471

Tritanomaly
19, 38.093, 23.519

Monochromacy



Original Color
19, 37.909, 9.317

Achromatopsia
16, 0.003, 296.813

Achromatomaly
15, 16.138, 359.088

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 37.909, 9.317 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(94, 11, 39)` looks like.

```
.text, #text, p{  
    color:rgb(94, 11, 39)  
}
```

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(94, 11, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 11, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 37.909, 9.317 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(94, 11, 39) }
```

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

```
.border{ border-color:rgb(94, 11, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 11, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 11, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 11, 39);  
box-shadow:4px 4px 4px 4px rgb(94, 11, 39)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 37.909, 9.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 11, 39) }
```

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

```
.background{ background-color: rgb(94, 11,  
39) }
```

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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