

Converting Colors

CIELCh(39, 67.069, 37.273)

Have a look what the booklet for
CIELCh(39, 67.069, 37.273) contains.

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Color

CIELCh(39, 67.025, 37.227)

Conversions

Conversions Part 1

Format	Color
Hex	AF271C
RGB	175, 39, 28
RGB Percent	69%, 15%, 11%
CMY	0.3135, 0.8468, 0.8900
CMYK	0.00, 0.78, 0.84, 0.31
HSL	5°, 72%, 40%
HSV	5°, 84%, 69%
XYZ	18.6288, 10.6589, 2.1766
YIQ	78.4100, 84.5870, 25.4110

Conversions

Conversions Part 2

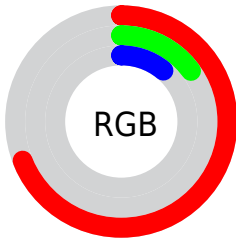
Format	Color
RYB	175, 40, 28
Decimal	11478812
CIELab	39.00, 53.37, 40.55
CIElCh	39, 67.025, 37.227
Yxy	10.6589, 0.5921, 0.3388
Android (android.graphics.Color)	4289668892 (0xFFAF271C)
YUV	78.4100, -24.8521, 84.7094
Hunter-Lab	32.6480, 44.7173, 18.9009

Details

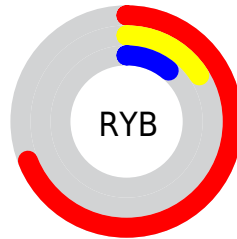
The CIELCh color **39, 67.025, 37.227** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **62, 33.487, 207.527**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 67.064, 37.101**, and **22, 55.584, 37.281** is the 20% darker color. If you saturate the color by 10%, you get **37, 74.180, 39.455**, and if you desaturate by 10%, it is **41, 58.454, 34.693**.

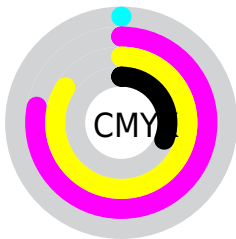
Distribution



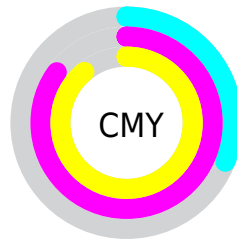
- Red (69%)
- Green (15%)
- Blue (11%)



- Red (69%)
- Yellow (16%)
- Blue (11%)



- Cyan (0%)
- Magenta (78%)
- Yellow (84%)
- Black (31%)



- Cyan (31%)
- Magenta (85%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 67.025, 37.227 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 39, 67.025, 37.227 by changing the saturation by 10% instead.

■ 39, 67.025, 37.227

■ 39, 67.025, 37.227

■ 100, 67.025,
37.227

■ 29, 67.025, 37.227

■ 59, 67.025, 37.227

■ 19, 67.025, 37.227

■ 69, 67.025, 37.227

■ 9, 67.025, 37.227

■ 79, 67.025, 37.227

■ 0, 67.025, 37.227

■ 89, 67.025, 37.227

■ 99, 67.025, 37.227

■ 39, 67.025, 37.227

■ 39, 67.025, 37.227

■ 37, 74.180, 39.455

■ 41, 58.454, 34.693

37, 77.760, 40.840

44, 49.469, 32.415

48, 40.534, 30.563

52, 31.907, 29.127

56, 23.737, 28.043

60, 16.099, 27.237

65, 9.013, 26.633

70, 2.466, 26.071

74, 3.581, 206.127

Harmonies

Complementary

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



39, 67.025, 37.227



62, 33.487, 207.527

Rectangle

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



39, 67.025, 37.227



39, 67.025, 87.227



39, 67.025, 217.227



39, 67.025, 267.227

Sweetspot

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



39, 67.023, 37.229



76, 20.848, 27.339



42, 79.075, 330.528



39, 14.537, 27.601



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



39, 67.023, 37.229



48, 94.738, 40.664



53, 55.887, 70.301



34, 3.553, 26.392



31, 68.966, 40.595



2, 7.348, 24.824

Inverse Universe

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



62, 33.487, 207.527



77, 41.737, 209.487



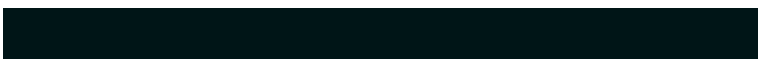
40, 51.338, 283.272



36, 3.349, 205.980



53, 30.815, 209.071



5, 7.049, 209.443

Previews

White Background



This preview shows how the CIELCh color 39, 67.025, 37.227 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 × Fail

Black Background



This preview shows how the CIELCh color 39, 67.025, 37.227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 39, 67.025, 37.227

Background



This preview shows how black text looks on a background with the CIELCh color 39, 67.025, 37.227.



This preview shows how white text looks on a background with the CIELCh color 39, 67.025, 37.227.

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

39, 67.025, 37.227

Protanopia

39, 30.478, 96.093

Deuteranopia

39, 45.012, 83.295



Tritanopia
39, 64.365, 32.982

Trichromacy



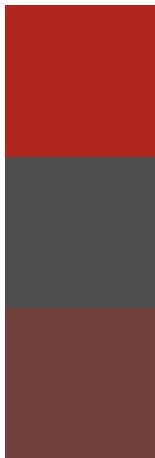
Original Color
39, 67.025, 37.227

Protanomaly
37, 37.376, 56.650

Deuteranomaly
38, 49.593, 58.646

Tritanomaly
39, 65.491, 34.679

Monochromacy



Original Color
39, 67.025, 37.227

Achromatopsia
33, 0.005, 296.813

Achromatomaly
33, 23.867, 29.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 67.025, 37.227 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(175, 39, 28)` looks like.

```
.text, #text, p{  
    color:rgb(175, 39, 28)  
}
```

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(175, 39, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 39, 28) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 67.025, 37.227 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(175, 39, 28) }
```

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

```
.border{ border-color:rgb(175, 39, 28) }
```

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

Here you see how a box with a 4 pixel rgb(175, 39, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 39, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 39, 28);  
box-shadow:4px 4px 4px 4px rgb(175, 39,  
28) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 67.025, 37.227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 39, 28) }
```

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

```
.background{ background-color: rgb(175, 39,  
28) }
```

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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