

Converting Colors

CIELCh(39, 67.606, 15.565)

Have a look what the booklet for
CIELCh(39, 67.606, 15.565) contains.

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Color

CIELCh(39, 67.355, 15.838)

Conversions

Conversions Part 1

Format	Color
Hex	B90042
RGB	185, 0, 66
RGB Percent	73%, 0%, 26%
CMY	0.2755, 1.0000, 0.7419
CMYK	0.00, 1.00, 0.64, 0.28
HSL	339°, 100%, 36%
HSV	339°, 100%, 72%
XYZ	20.9158, 10.6589, 6.0802
YIQ	62.8390, 89.0740, 59.7460

Conversions

Conversions Part 2

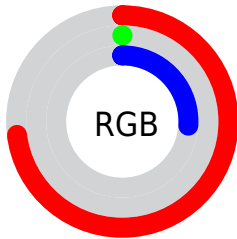
Format	Color
RYB	185, 0, 66
Decimal	12124226
CIELab	39.00, 64.80, 18.38
CIElCh	39, 67.355, 15.838
Yxy	10.6589, 0.5555, 0.2831
Android (android.graphics.Color)	4290314306 (0xFFB90042)
YUV	62.8390, 1.5584, 107.1352
Hunter-Lab	32.6480, 57.2213, 11.8117

Details

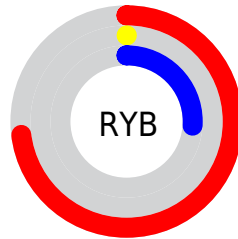
The CIELCh color **39, 67.355, 15.838** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **66, 59.443, 157.672**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **59, 67.255, 15.968**, and **25, 53.773, 27.874** is the 20% darker color. If you saturate the color by 10%, you get **39, 67.295, 15.881**, and if you desaturate by 10%, it is **40, 64.415, 10.904**.

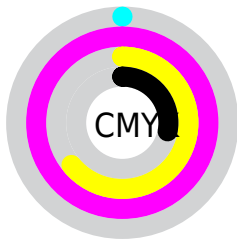
Distribution



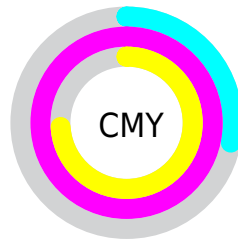
- Red (73%)
- Green (0%)
- Blue (26%)



- Red (73%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (28%)



- Cyan (28%)
- Magenta (100%)
- Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 67.355, 15.838 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, 67.355, 15.838 by changing the saturation by 10% instead.

 39, 67.355, 15.838

 39, 67.355, 15.838

 100, 67.355,
15.838

 29, 67.355, 15.838

 59, 67.355, 15.838

 19, 67.355, 15.838

 69, 67.355, 15.838

 9, 67.355, 15.838

 79, 67.355, 15.838

 0, 67.355, 15.838

 89, 67.355, 15.838

 99, 67.355, 15.838

 39, 67.355, 15.838

 39, 67.355, 15.838

 39, 67.295, 15.881

 40, 64.415, 10.904

■ 42, 60.523, 6.666

■ 44, 55.169, 3.299

■ 47, 48.516, 0.640

■ 51, 40.922,
358.518

■ 56, 32.778,
356.793

■ 60, 24.415,
355.358

■ 65, 16.073,
354.134

■ 70, 7.907, 353.055

Harmonies

Complementary

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



39, 67.355, 15.838



66, 59.443, 157.672

Rectangle

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



39, 67.355, 15.838



39, 67.355, 65.838



39, 67.355, 195.838



39, 67.355, 245.838

Sweetspot

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



39, 67.295, 15.881



76, 30.183, 355.423



32, 95.222, 315.347



38, 20.654, 355.999



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



39, 67.295, 15.881



51, 82.099, 16.885



40, 79.816, 41.792



36, 4.452, 352.986



32, 59.113, 15.078



2, 11.426, 358.756

Inverse Universe

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



39, 67.295, 15.881



51, 82.099, 16.885



60, 34.371, 221.092



36, 4.452, 352.986



32, 59.113, 15.078



2, 11.426, 358.756

Previews

White Background



This preview shows how the CIELCh color 39, 67.355, 15.838 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, 67.355, 15.838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

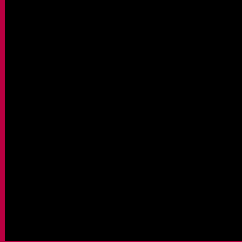
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 67.355, 15.838

Background



This preview shows how black text looks on a background with the CIELCh color 39, 67.355, 15.838.



This preview shows how white text looks on a background with the CIELCh color 39, 67.355, 15.838.

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, 67.355, 15.838

Protanopia

40, 2.022, 314.737

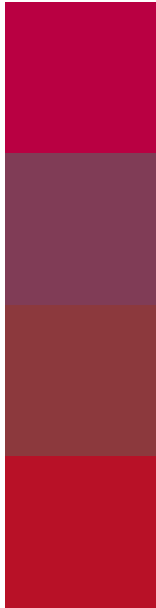
Deuteranopia

40, 23.067, 75.525



Tritanopia
39, 73.238, 36.531

Trichromacy



Original Color
39, 67.355, 15.838

Protanomaly
35, 32.469, 356.964

Deuteranomaly
36, 38.898, 23.444

Tritanomaly
39, 70.762, 29.825

Monochromacy



Original Color
39, 67.355, 15.838

Achromatopsia
27, 0.004, 296.813

Achromatomaly
27, 32.427, 0.391

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 67.355, 15.838 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(185, 0, 66)` looks like.

```
.text, #text, p{  
    color:rgb(185, 0, 66)  
}
```

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(185, 0, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 0, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 67.355, 15.838 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(185, 0, 66) }
```

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

```
.border{ border-color:rgb(185, 0, 66) }
```

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

Here you see how a box with a 4 pixel rgb(185, 0, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 0, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 0, 66);  
box-shadow:4px 4px 4px 4px rgb(185, 0, 66)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 67.355, 15.838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 0, 66) }
```

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

```
.background{ background-color: rgb(185, 0,  
66) }
```

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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