

Converting Colors

CIELCh(39, 67.157, 16.149)

Have a look what the booklet for
CIELCh(39, 67.157, 16.149) contains.

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Color

CIELCh(39, 67.064, 16.213)

Conversions

Conversions Part 1

Format	Color
Hex	B80241
RGB	184, 2, 65
RGB Percent	72%, 1%, 25%
CMY	0.2771, 0.9925, 0.7441
CMYK	0.00, 0.99, 0.65, 0.28
HSL	339°, 98%, 37%
HSV	339°, 99%, 72%
XYZ	20.8326, 10.6589, 5.9989
YIQ	63.6000, 88.2490, 58.1770

Conversions

Conversions Part 2

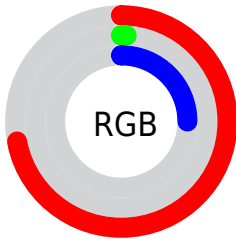
Format	Color
R_{YB}	184, 2, 65
Decimal	12059201
CIE _{Lab}	39.00, 64.40, 18.72
CIE _{LCh}	39, 67.064, 16.213
Yxy	10.6589, 0.5557, 0.2843
Android (android.graphics.Color)	4290249281 (0xFFB80241)
YUV	63.6000, 0.6902, 105.5908
Hunter-Lab	32.6480, 56.7660, 11.9594

Details

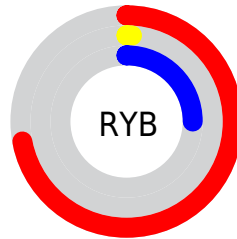
The CIELCh color **39, 67.064, 16.213** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **66, 58.369, 158.532**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **59, 66.976, 16.302**, and **25, 53.388, 27.702** is the 20% darker color. If you saturate the color by 10%, you get **39, 67.389, 16.733**, and if you desaturate by 10%, it is **40, 64.040, 11.220**.

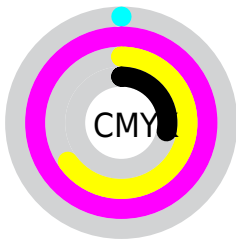
Distribution



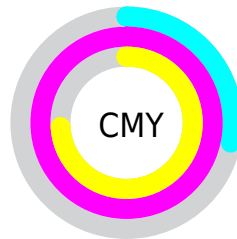
- Red (72%)
- Green (1%)
- Blue (25%)



- Red (72%)
- Yellow (1%)
- Blue (25%)



- Cyan (0%)
- Magenta (99%)
- Yellow (65%)
- Black (28%)



- Cyan (28%)
- Magenta (99%)
- Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 67.064, 16.213 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, 67.064, 16.213 by changing the saturation by 10% instead.

 39, 67.064, 16.213

 39, 67.064, 16.213

 100, 67.064,
16.213

 29, 67.064, 16.213

 59, 67.064, 16.213

 19, 67.064, 16.213

 69, 67.064, 16.213

 9, 67.064, 16.213

 79, 67.064, 16.213

 0, 67.064, 16.213

 89, 67.064, 16.213

 99, 67.064, 16.213

 39, 67.064, 16.213

 39, 67.064, 16.213

 39, 67.389, 16.733

 40, 64.040, 11.220

42, 59.916, 7.027

44, 54.365, 3.696

48, 47.574, 1.066

52, 39.905,
358.966

56, 31.742,
357.256

60, 23.403,
355.833

65, 15.115,
354.618

70, 7.022, 353.542

Harmonies

Complementary

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



39, 67.064, 16.213



66, 58.369, 158.532

Rectangle

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



39, 67.064, 16.213



39, 67.064, 66.213



39, 67.064, 196.213



39, 67.064, 246.213

Sweetspot

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



39, 67.061, 16.215



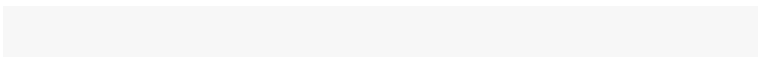
76, 30.061, 356.037



33, 94.385, 315.894



38, 20.575, 356.617



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, 67.061, 16.215



51, 82.375, 17.754



40, 78.553, 41.977



36, 4.429, 353.582



32, 59.275, 15.933



2, 11.389, 359.237

Inverse Universe

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



39, 67.061, 16.215



51, 82.375, 17.754



60, 34.108, 224.375



36, 4.429, 353.582



32, 59.275, 15.933



2, 11.389, 359.237

Previews

White Background



This preview shows how the CIELCh color 39, 67.064, 16.213 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, 67.064, 16.213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

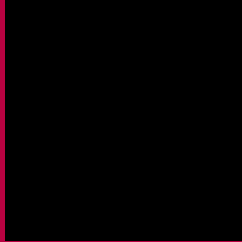
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 67.064, 16.213

Background



This preview shows how black text looks on a background with the CIELCh color 39, 67.064, 16.213.



This preview shows how white text looks on a background with the CIELCh color 39, 67.064, 16.213.

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, 66.973, 16.280

Protanopia

40, 1.489, 324.446

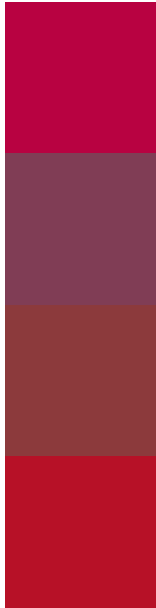
Deuteranopia

40, 23.322, 77.124



Tritanopia
39, 73.376, 36.390

Trichromacy



Original Color
39, 66.973, 16.280

Protanomaly
35, 31.751, 358.523

Deuteranomaly
36, 38.710, 24.966

Tritanomaly
39, 70.390, 29.728

Monochromacy



Original Color
39, 66.973, 16.280

Achromatopsia
27, 0.004, 296.813

Achromatomaly
27, 32.285, 1.383

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 67.064, 16.213 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(184, 2, 65)` looks like.

```
.text, #text, p{  
    color:rgb(184, 2, 65)  
}
```

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(184, 2, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 2, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 67.064, 16.213 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(184, 2, 65) }
```

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

```
.border{ border-color:rgb(184, 2, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 2, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 2, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 2, 65);  
box-shadow:4px 4px 4px 4px rgb(184, 2, 65)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 67.064, 16.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 2, 65) }
```

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

```
.background{ background-color: rgb(184, 2,  
65) }
```

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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