

Converting Colors

CIELCh(39, 66.808, 15.045)

Have a look what the booklet for
CIELCh(39, 66.808, 15.045) contains.

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Color

CIELCh(39, 66.745, 15.242)

Conversions

Conversions Part 1

Format	Color
Hex	B80243
RGB	184, 2, 67
RGB Percent	72%, 1%, 26%
CMY	0.2780, 0.9910, 0.7370
CMYK	0.00, 0.99, 0.64, 0.28
HSL	339°, 98%, 37%
HSV	339°, 99%, 72%
XYZ	20.8326, 10.6589, 6.2818
YIQ	63.8280, 87.6070, 58.7990

Conversions

Conversions Part 2

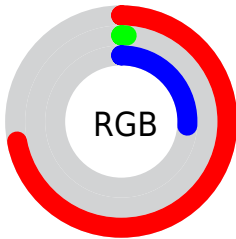
Format	Color
R_{YB}	184, 2, 67
Decimal	12059203
CIE Lab	39.00, 64.40, 17.55
CIE LCh	39, 66.745, 15.242
Yxy	10.6589, 0.5515, 0.2822
Android (android.graphics.Color)	4290249283 (0xFFB80243)
YUV	63.8280, 1.5638, 105.3908
Hunter-Lab	32.6480, 56.7663, 11.4457

Details

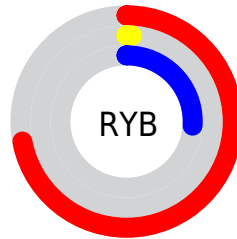
The CIELCh color **39, 66.745, 15.242** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **66, 58.889, 157.938**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **59, 66.744, 14.873**, and **25, 53.126, 27.075** is the 20% darker color. If you saturate the color by 10%, you get **39, 67.119, 15.862**, and if you desaturate by 10%, it is **40, 63.834, 10.308**.

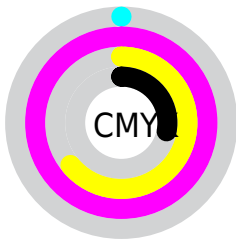
Distribution



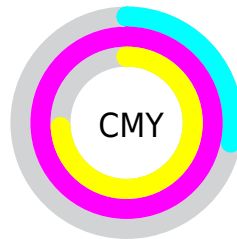
- Red (72%)
- Green (1%)
- Blue (26%)



- Red (72%)
- Yellow (1%)
- Blue (26%)



- Cyan (0%)
- Magenta (99%)
- Yellow (64%)
- Black (28%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 66.745, 15.242 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, 66.745, 15.242 by changing the saturation by 10% instead.

 39, 66.745, 15.242

 39, 66.745, 15.242

 100, 66.745,
15.242

 29, 66.745, 15.242

 59, 66.745, 15.242

 19, 66.745, 15.242

 69, 66.745, 15.242

 9, 66.745, 15.242

 79, 66.745, 15.242

 0, 66.745, 15.242

 89, 66.745, 15.242

 99, 66.745, 15.242

 39, 66.745, 15.242

 39, 66.745, 15.242

 39, 67.119, 15.862

 40, 63.834, 10.308

■ 42, 59.770, 6.189

■ 44, 54.252, 2.923

■ 48, 47.477, 0.342

■ 52, 39.813,
358.278

■ 56, 31.648,
356.596

■ 61, 23.299,
355.191

■ 65, 14.996,
353.989

■ 70, 6.882, 352.922

Harmonies

Complementary

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



39, 66.745, 15.242



66, 58.889, 157.938

Rectangle

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



39, 66.745, 15.242



39, 66.745, 65.242



39, 66.745, 195.242



39, 66.745, 245.242

Sweetspot

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



39, 66.742, 15.244



76, 30.184, 355.421



33, 94.523, 315.419



38, 20.654, 355.996



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, 66.742, 15.244



51, 82.097, 16.881



40, 78.775, 41.551



36, 4.452, 352.983



32, 59.113, 15.074



2, 11.426, 358.754

Inverse Universe

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



39, 66.742, 15.244



51, 82.097, 16.881



60, 34.231, 220.791



36, 4.452, 352.983



32, 59.113, 15.074



2, 11.426, 358.754

Previews

White Background



This preview shows how the CIELCh color 39, 66.745, 15.242 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 CIE LCh color 39, 66.745, 15.242 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, 66.745, 15.242

Background



This preview shows how black text looks on a background with the CIELCh color 39, 66.745, 15.242.



This preview shows how white text looks on a background with the CIELCh color 39, 66.745, 15.242.

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, 66.745, 15.242

Protanopia

40, 2.482, 300.140

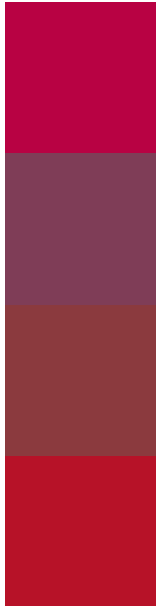
Deuteranopia

40, 22.271, 75.918



Tritanopia
39, 72.966, 36.213

Trichromacy



Original Color
39, 66.745, 15.242

Protanomaly
35, 31.728, 355.945

Deuteranomaly
36, 37.926, 23.094

Tritanomaly
39, 70.025, 29.408

Monochromacy



Original Color
39, 66.745, 15.242

Achromatopsia
27, 0.004, 296.813

Achromatomaly
27, 31.886, 0.793

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 66.745, 15.242 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, 67)` looks like.

```
.text, #text, p{  
    color:rgb(184, 2, 67)  
}
```

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, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 2, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 66.745, 15.242 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, 67) }
```

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

```
.border{ border-color:rgb(184, 2, 67) }
```

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, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 2, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 2, 67);  
box-shadow:4px 4px 4px 4px rgb(184, 2, 67)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 66.745, 15.242 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, 67) }
```

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

```
.background{ background-color: rgb(184, 2,  
67) }
```

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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