

Converting Colors

CIELCh(31, 88.867, 2.511)

Have a look what the booklet for
CIELCh(31, 88.867, 2.511) contains.

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Color

CIELCh(39, 66.253, 12.794)

Conversions

Conversions Part 1

Format	Color
Hex	B80248
RGB	184, 2, 72
RGB Percent	72%, 1%, 28%
CMY	0.2795, 0.9925, 0.7195
CMYK	0.00, 0.99, 0.61, 0.28
HSL	337°, 98%, 36%
HSV	337°, 99%, 72%
XYZ	20.8764, 10.6589, 7.0094
YIQ	64.3980, 86.0020, 60.3540

Conversions

Conversions Part 2

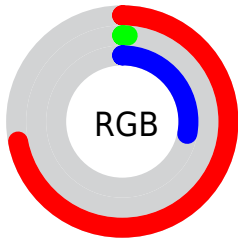
Format	Color
RYB	184, 2, 72
Decimal	12059208
CIELab	39.00, 64.61, 14.67
CIElCh	39, 66.253, 12.794
Yxy	10.6589, 0.5416, 0.2765
Android (android.graphics.Color)	4290249288 (0xFFB80248)
YUV	64.3980, 3.7478, 104.8910
Hunter-Lab	32.6480, 57.0056, 10.1243

Details

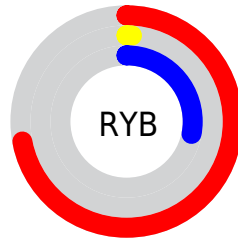
The CIELCh color **39, 66.253, 12.794** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **66, 60.766, 156.096**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **59, 66.135, 12.711**, and **25, 52.144, 24.463** is the 20% darker color. If you saturate the color by 10%, you get **39, 66.524, 13.293**, and if you desaturate by 10%, it is **40, 63.684, 8.022**.

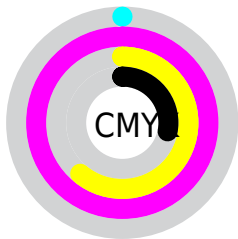
Distribution



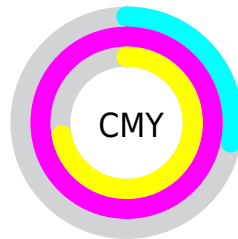
- Red (72%)
- Green (1%)
- Blue (28%)



- Red (72%)
- Yellow (1%)
- Blue (28%)



- Cyan (0%)
- Magenta (99%)
- Yellow (61%)
- Black (28%)



- Cyan (28%)
- Magenta (99%)
- Yellow (72%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 66.253, 12.794 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, 66.253, 12.794 by changing the saturation by 10% instead.

 39, 66.253, 12.794

 39, 66.253, 12.794

 100, 66.253,
12.794

 29, 66.253, 12.794

 59, 66.253, 12.794

 19, 66.253, 12.794

 69, 66.253, 12.794

 9, 66.253, 12.794

 79, 66.253, 12.794

 0, 66.253, 12.794

 89, 66.253, 12.794

 99, 66.253, 12.794

 39, 66.253, 12.794

 39, 66.253, 12.794

 39, 66.524, 13.293

 40, 63.684, 8.022

■ 42, 59.894, 4.057

■ 44, 54.567, 0.919

■ 48, 47.908,
358.437

■ 51, 40.297,
356.448

■ 56, 32.132,
354.818

■ 60, 23.742,
353.450

■ 65, 15.364,
352.275

■ 70, 7.152, 351.227

Harmonies

Complementary

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



39, 66.253, 12.794



66, 60.766, 156.096

Rectangle

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



39, 66.253, 12.794



39, 66.253, 62.794



39, 66.253, 192.794



39, 66.253, 242.794

Sweetspot

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



39, 66.250, 12.796



76, 30.565, 353.647



32, 94.767, 314.933



38, 20.902, 354.206



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, 66.250, 12.796



51, 81.414, 14.293



39, 79.195, 41.243



36, 4.521, 351.265



33, 58.727, 12.537



2, 11.542, 357.334

Inverse Universe

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



39, 66.250, 12.796



51, 81.414, 14.293



61, 34.468, 217.380



36, 4.521, 351.265



33, 58.727, 12.537



2, 11.542, 357.334

Previews

White Background



This preview shows how the CIELCh color 39, 66.253, 12.794 looks on a white background.

Color Contrast Check

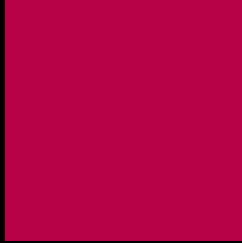
Large Text (above 18pt) WCAG AA ✓ Pass

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, 66.253, 12.794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

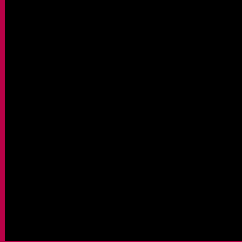
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 66.253, 12.794

Background



This preview shows how black text looks on a background with the CIELCh color 39, 66.253, 12.794.



This preview shows how white text looks on a background with the CIELCh color 39, 66.253, 12.794.

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, 66.289, 12.621

Protanopia

40, 6.103, 287.347

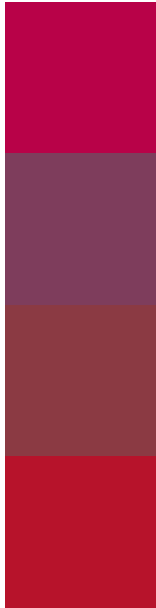
Deuteranopia

40, 19.393, 73.356



Tritanopia
39, 71.745, 35.819

Trichromacy



Original Color
39, 66.289, 12.621

Protanomaly
35, 32.471, 350.385

Deuteranomaly
36, 37.285, 18.537

Tritanomaly
39, 69.157, 28.211

Monochromacy



Original Color
39, 66.289, 12.621

Achromatopsia
27, 0.004, 296.813

Achromatomaly
27, 32.676, 358.100

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 66.253, 12.794 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, 72)` looks like.

```
.text, #text, p{  
    color:rgb(184, 2, 72)  
}
```

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, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 2, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 66.253, 12.794 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, 72) }
```

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

```
.border{ border-color:rgb(184, 2, 72) }
```

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, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 2, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 2, 72);  
box-shadow:4px 4px 4px 4px rgb(184, 2, 72)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 66.253, 12.794 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, 72) }
```

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

```
.background{ background-color: rgb(184, 2,  
72) }
```

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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