

Converting Colors

CIELCh(39, 56.962, 3.409)

Have a look what the booklet for
CIELCh(39, 56.962, 3.409) contains.

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Color

CIELCh(39, 57.243, 3.245)

Conversions

Conversions Part 1

Format	Color
Hex	AC2359
RGB	172, 35, 89
RGB Percent	67%, 14%, 35%
CMY	0.3262, 0.8635, 0.6515
CMYK	0.00, 0.80, 0.48, 0.33
HSL	336°, 66%, 41%
HSV	336°, 80%, 67%
XYZ	19.3663, 10.6589, 10.4563
YIQ	82.1190, 64.3180, 45.8380

Conversions

Conversions Part 2

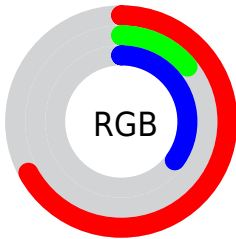
Format	Color
R_{YB}	172, 35, 89
Decimal	11281241
CIE _{Lab}	39.00, 57.15, 3.24
CIE _{LCh}	39, 57.243, 3.245
Yxy	10.6589, 0.4784, 0.2633
Android (android.graphics.Color)	4289471321 (0xFFAC2359)
YUV	82.1190, 3.3923, 78.8256
Hunter-Lab	32.6480, 48.7491, 3.8647

Details

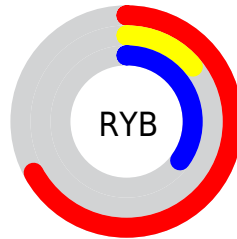
The CIELCh color **39, 57.243, 3.245** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **63, 51.382, 159.510**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 57.473, 2.981**, and **23, 46.736, 10.531** is the 20% darker color. If you saturate the color by 10%, you get **37, 60.682, 7.147**, and if you desaturate by 10%, it is **41, 52.311, 0.158**.

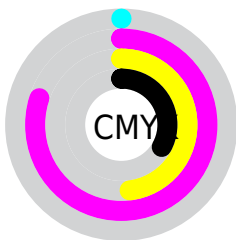
Distribution



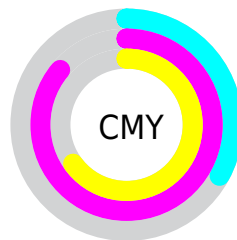
- Red (67%)
- Green (14%)
- Blue (35%)



- Red (67%)
- Yellow (14%)
- Blue (35%)



- Cyan (0%)
- Magenta (80%)
- Yellow (48%)
- Black (33%)



- Cyan (33%)
- Magenta (86%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 57.243, 3.245 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, 57.243, 3.245 by changing the saturation by 10% instead.

 39, 57.243, 3.245  39, 57.243, 3.245

 100, 57.243, 3.245  29, 57.243, 3.245

 59, 57.243, 3.245  19, 57.243, 3.245

 69, 57.243, 3.245  9, 57.243, 3.245

 79, 57.243, 3.245  0, 57.243, 3.245

 89, 57.243, 3.245

 99, 57.243, 3.245

 39, 57.243, 3.245  39, 57.243, 3.245

 37, 60.682, 7.147  41, 52.311, 0.158

 36, 63.049, 11.775  44, 46.087,

36, 63.112, 11.890

357.713

48, 38.925,
355.749

52, 31.202,
354.137

56, 23.237,
352.782

61, 15.261,
351.615

66, 7.425, 350.576

70, 0.183, 171.904

75, 7.519, 168.983

Harmonies

Complementary

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



39, 57.243, 3.245



63, 51.382, 159.510

Rectangle

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



39, 57.243, 3.245



39, 57.243, 53.245



39, 57.243, 183.245



39, 57.243, 233.245

Sweetspot

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



39, 57.240, 3.246



75, 23.174, 352.141



34, 80.805, 315.278



38, 15.956, 352.551



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



39, 57.240, 3.246



48, 76.219, 10.912



40, 61.786, 37.168



34, 4.341, 350.532



31, 57.172, 11.271



2, 8.658, 354.464

Inverse Universe

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



39, 57.240, 3.246



48, 76.219, 10.912



60, 31.802, 211.132



34, 4.341, 350.532



31, 57.172, 11.271



2, 8.658, 354.464

Previews

White Background



This preview shows how the CIELCh color 39, 57.243, 3.245 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, 57.243, 3.245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

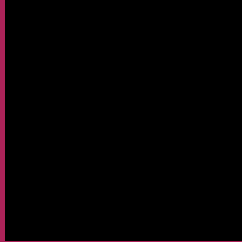
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 57.243, 3.245

Background



This preview shows how black text looks on a background with the CIELCh color 39, 57.243, 3.245.



This preview shows how white text looks on a background with the CIELCh color 39, 57.243, 3.245.

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, 57.243, 3.245

Protanopia

40, 17.827, 284.687

Deuteranopia

40, 8.684, 54.036



Tritanopia
39, 57.912, 30.051

Trichromacy



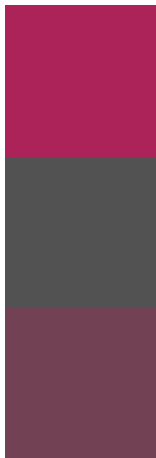
Original Color
39, 57.243, 3.245

Protanomaly
37, 29.407, 331.997

Deuteranomaly
37, 27.512, 6.523

Tritanomaly
39, 56.251, 20.473

Monochromacy



Original Color
39, 57.243, 3.245

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 24.422, 355.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 57.243, 3.245 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(172, 35, 89)` looks like.

```
.text, #text, p{  
    color:rgb(172, 35, 89)  
}
```

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(172, 35, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 35, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 57.243, 3.245 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(172, 35, 89) }
```

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

```
.border{ border-color:rgb(172, 35, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 35, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 35, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 35, 89);  
box-shadow:4px 4px 4px 4px rgb(172, 35,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 57.243, 3.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 35, 89) }
```

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

```
.background{ background-color: rgb(172, 35,  
89) }
```

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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