

Converting Colors

CIELCh(39, 53.317, 347.943)

Have a look what the booklet for
CIELCh(39, 53.317, 347.943)
contains.

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Color

CIELCh(39, 53.268, 348.079)

Conversions

Conversions Part 1

Format	Color
Hex	A02F6F
RGB	160, 47, 111
RGB Percent	63%, 18%, 44%
CMY	0.3725, 0.8156, 0.5646
CMYK	0.00, 0.71, 0.31, 0.37
HSL	326°, 55%, 41%
HSV	326°, 71%, 63%
XYZ	18.3895, 10.6589, 16.1327
YIQ	88.0830, 46.8040, 43.8600

Conversions

Conversions Part 2

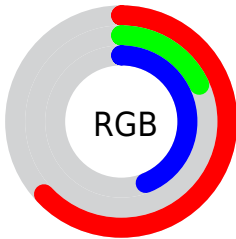
Format	Color
R_{YB}	160, 47, 111
Decimal	10497903
CIE Lab	39.00, 52.12, -11.00
CIE LCh	39, 53.268, 348.079
Yxy	10.6589, 0.4070, 0.2359
Android (android.graphics.Color)	4288687983 (0xFFA02F6F)
YUV	88.0830, 11.2981, 63.0712
Hunter-Lab	32.6480, 43.4088, -6.4439

Details

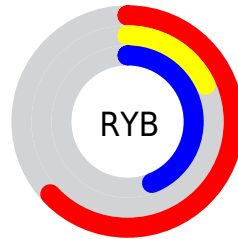
The CIELCh color **39, 53.268, 348.079** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **59, 52.359, 152.123**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 53.357, 347.937**, and **21, 45.773, 350.674** is the 20% darker color. If you saturate the color by 10%, you get **37, 57.465, 350.108**, and if you desaturate by 10%, it is **42, 47.529, 346.426**.

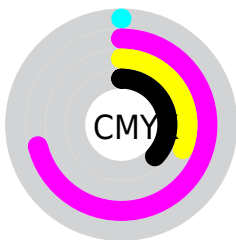
Distribution



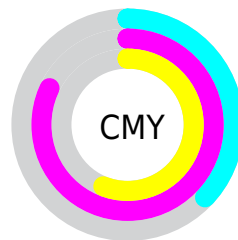
- Red (63%)
- Green (18%)
- Blue (44%)



- Red (63%)
- Yellow (18%)
- Blue (44%)



- Cyan (0%)
- Magenta (71%)
- Yellow (31%)
- Black (37%)





- Cyan (37%)
- Magenta (82%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 53.268, 348.079 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, 53.268, 348.079 by changing the saturation by 10% instead.


 39, 53.268,
348.079


 39, 53.268,
348.079

 100, 53.268,
348.079


 29, 53.268,
348.079

 59, 53.268,
348.079


 19, 53.268,
348.079


 69, 53.268,
348.079

 9, 53.268, 348.079

 79, 53.268,
348.079

 0, 53.268, 348.079

 89, 53.268,
348.079

 99, 53.268,
348.079

■ 39, 53.268,
348.079

■ 39, 53.268,
348.079

■ 37, 57.465,
350.108

■ 42, 47.529,
346.426

■ 35, 59.888,
352.638

■ 45, 40.639,
345.044

■ 34, 60.961,
355.441

■ 49, 32.995,
343.859

■ 53, 24.938,
342.817

■ 57, 16.726,
341.882

■ 61, 8.540, 341.023

■ 66, 0.491, 339.630

■ 70, 7.353, 159.624

■ 75, 14.959,
158.944

Harmonies

Complementary

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



39, 53.268, 348.079



59, 52.359, 152.123

Rectangle

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



39, 53.268, 348.079



39, 53.268, 38.079



39, 53.268, 168.079



39, 53.268, 218.079

Sweetspot

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



39, 53.265, 348.080



72, 21.200, 341.954



32, 69.843, 310.628



37, 14.340, 342.187



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



39, 53.265, 348.080



47, 72.145, 351.564



37, 51.963, 25.692



31, 4.500, 340.907



30, 56.172, 355.073



1, 5.713, 341.700

Inverse Universe

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



39, 53.265, 348.080



47, 72.145, 351.564



60, 32.989, 189.046



31, 4.500, 340.907



30, 56.172, 355.073



1, 5.713, 341.700

Previews

White Background



This preview shows how the CIE LCh color 39, 53.268, 348.079 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, 53.268, 348.079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

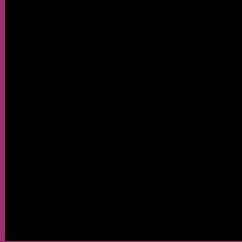
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 53.268, 348.079

Background



This preview shows how black text looks on a background with the CIELCh color 39, 53.268, 348.079.



This preview shows how white text looks on a background with the CIELCh color 39, 53.268, 348.079.

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, 53.268, 348.079

Protanopia

39, 31.319, 285.579

Deuteranopia

39, 9.538, 306.191



Tritanopia
39, 44.416, 24.654

Trichromacy



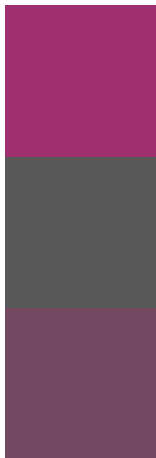
Original Color
39, 53.268, 348.079

Protanomaly
37, 36.237, 312.845

Deuteranomaly
38, 26.955, 335.523

Tritanomaly
39, 45.134, 9.504

Monochromacy



Original Color
39, 53.268, 348.079

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 22.117, 343.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 53.268, 348.079 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(160, 47, 111)` looks like.

```
.text, #text, p{  
    color:rgb(160, 47, 111)  
}
```

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(160, 47, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 47, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 53.268, 348.079 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(160, 47, 111) }
```

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

```
.border{ border-color:rgb(160, 47, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 47, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 47, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 47, 111);  
box-shadow:4px 4px 4px 4px rgb(160, 47,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 53.268, 348.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 47, 111) }
```

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

```
.background{ background-color: rgb(160, 47,  
111) }
```

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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