

Converting Colors

CIELCh(39, 53.329, 340.393)

Have a look what the booklet for
CIELCh(39, 53.329, 340.393)
contains.

CIELCh(39, 53.424, 340.326)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(39, 53.424, 340.326)

Conversions

Conversions Part 1

Format	Color
Hex	9A337A
RGB	154, 51, 122
RGB Percent	60%, 20%, 48%
CMY	0.3958, 0.7997, 0.5213
CMYK	0.00, 0.67, 0.21, 0.40
HSL	319°, 50%, 40%
HSV	319°, 67%, 60%
XYZ	18.0456, 10.6589, 19.5414
YIQ	89.8910, 38.5970, 43.9170

Conversions

Conversions Part 2

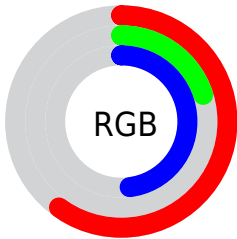
Format	Color
R_{YB}	154, 51, 122
Decimal	10105722
CIE _{Lab}	39.00, 50.31, -17.99
CIE _{LCh}	39, 53.424, 340.326
Yxy	10.6589, 0.3740, 0.2209
Android (android.graphics.Color)	4288295802 (0xFF9A337A)
YUV	89.8910, 15.8297, 56.2236
Hunter-Lab	32.6480, 41.5287, -12.6343

Details

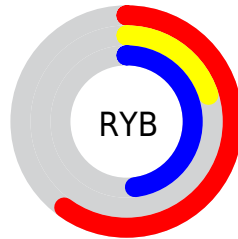
The CIELCh color **39, 53.424, 340.326** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **57, 53.881, 147.716**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 53.440, 340.121**, and **21, 47.781, 341.191** is the 20% darker color. If you saturate the color by 10%, you get **37, 58.321, 341.566**, and if you desaturate by 10%, it is **42, 47.056, 339.252**.

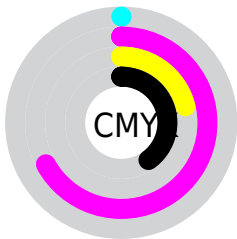
Distribution



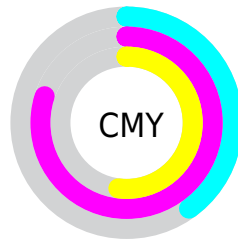
- Red (60%)
- Green (20%)
- Blue (48%)



- Red (60%)
- Yellow (20%)
- Blue (48%)



- Cyan (0%)
- Magenta (67%)
- Yellow (21%)
- Black (40%)





- Cyan (40%)
- Magenta (80%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 53.424, 340.326 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, 53.424, 340.326 by changing the saturation by 10% instead.


 39, 53.424,
340.326


 39, 53.424,
340.326

 100, 53.424,
340.326


 29, 53.424,
340.326

 59, 53.424,
340.326


 19, 53.424,
340.326


 69, 53.424,
340.326

 9, 53.424, 340.326

 79, 53.424,
340.326

 0, 53.424, 340.326

 89, 53.424,
340.326

 99, 53.424,
340.326

■ 39, 53.424,
340.326

■ 39, 53.424,
340.326

■ 37, 58.321,
341.566

■ 42, 47.056,
339.252

■ 35, 61.440,
343.036

■ 45, 39.621,
338.295

■ 34, 62.788,
344.791

■ 49, 31.501,
337.425

■ 34, 63.110,
345.364

■ 52, 23.013,
336.619

■ 57, 14.394,
335.864

■ 61, 5.809, 335.134

■ 65, 2.638, 154.630

■ 69, 10.886,
153.928

■ 74, 18.901,
153.332

Harmonies

Complementary

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



39, 53.424, 340.326



57, 53.881, 147.716

Rectangle

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



39, 53.424, 340.326



39, 53.424, 30.326



39, 53.424, 160.326



39, 53.424, 210.326

Sweetspot

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



39, 53.422, 340.326



71, 21.297, 336.128



31, 64.587, 307.007



36, 14.658, 336.325



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



39, 53.422, 340.326



47, 73.230, 342.231



37, 45.835, 14.338



30, 4.777, 335.309



31, 59.014, 345.178



1, 5.082, 335.199

Inverse Universe

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



39, 53.422, 340.326



47, 73.230, 342.231



58, 34.504, 176.322



30, 4.777, 335.309



31, 59.014, 345.178



1, 5.082, 335.199

Previews

White Background



This preview shows how the CIELCh color 39, 53.424, 340.326 looks on a white background.

Color Contrast Check

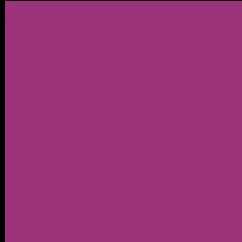
Large Text (above 18pt) WCAG AA ✓ Pass

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, 53.424, 340.326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

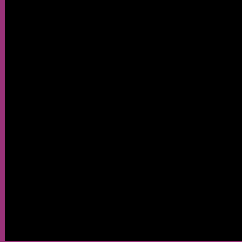
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 53.424, 340.326

Background



This preview shows how black text looks on a background with the CIELCh color 39, 53.424, 340.326.



This preview shows how white text looks on a background with the CIELCh color 39, 53.424, 340.326.

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, 53.424, 340.326

Protanopia

40, 38.064, 285.354

Deuteranopia

39, 15.296, 291.098



Tritanopia
39, 38.607, 21.978

Trichromacy



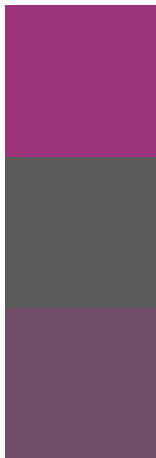
Original Color
39, 53.424, 340.326

Protanomaly
37, 41.410, 306.631

Deuteranomaly
38, 29.385, 322.768

Tritanomaly
39, 41.059, 3.288

Monochromacy



Original Color
39, 53.424, 340.326

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 21.962, 336.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 53.424, 340.326 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(154, 51, 122)` looks like.

```
.text, #text, p{  
    color:rgb(154, 51, 122)  
}
```

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(154, 51, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 51, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 53.424, 340.326 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(154, 51, 122) }
```

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

```
.border{ border-color:rgb(154, 51, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 51, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 51, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 51, 122);  
box-shadow:4px 4px 4px 4px rgb(154, 51,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 53.424, 340.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 51, 122) }
```

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

```
.background{ background-color: rgb(154, 51,  
122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor