

Converting Colors

CIELCh(39, 52.078, 354.719)

Have a look what the booklet for
CIELCh(39, 52.078, 354.719)
contains.

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Color

CIELCh(39, 52.115, 354.621)

Conversions

Conversions Part 1

Format	Color
Hex	A22E65
RGB	162, 46, 101
RGB Percent	64%, 18%, 40%
CMY	0.3631, 0.8179, 0.6025
CMYK	0.00, 0.71, 0.38, 0.36
HSL	332°, 56%, 41%
HSV	332°, 71%, 64%
XYZ	18.3450, 10.6589, 13.4935
YIQ	86.9540, 51.4810, 41.6970

Conversions

Conversions Part 2

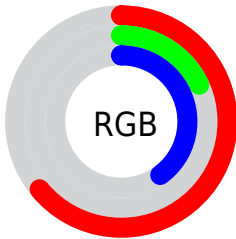
Format	Color
R_{YB}	162, 46, 101
Decimal	10628709
CIE Lab	39.00, 51.89, -4.89
CIE LCh	39, 52.115, 354.621
Yxy	10.6589, 0.4317, 0.2508
Android (android.graphics.Color)	4288818789 (0xFFA22E65)
YUV	86.9540, 6.9247, 65.8153
Hunter-Lab	32.6480, 43.1652, -1.6511

Details

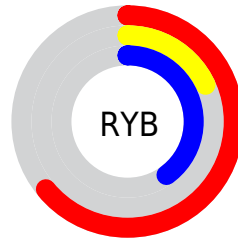
The CIELCh color **39, 52.115, 354.621** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **60, 49.077, 156.552**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 52.109, 354.373**, and **21, 44.753, 358.819** is the 20% darker color. If you saturate the color by 10%, you get **37, 56.338, 357.297**, and if you desaturate by 10%, it is **42, 46.450, 352.488**.

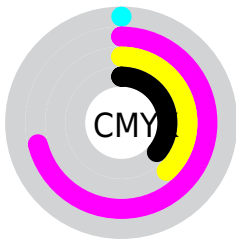
Distribution



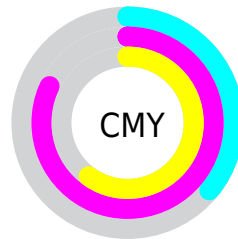
- Red (64%)
- Green (18%)
- Blue (40%)



- Red (64%)
- Yellow (18%)
- Blue (40%)



- Cyan (0%)
- Magenta (71%)
- Yellow (38%)
- Black (36%)





- Cyan (36%)
- Magenta (82%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 52.115, 354.621 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, 52.115, 354.621 by changing the saturation by 10% instead.


 39, 52.115,
354.621


 39, 52.115,
354.621


 100, 52.115,
354.621


 29, 52.115,
354.621

 59, 52.115,
354.621


 19, 52.115,
354.621


 69, 52.115,
354.621

 9, 52.115, 354.621

 79, 52.115,
354.621

 0, 52.115, 354.621

 89, 52.115,
354.621

 99, 52.115,
354.621

■ 39, 52.115,
354.621

■ 39, 52.115,
354.621

■ 37, 56.338,
357.297

■ 42, 46.450,
352.488

■ 35, 58.940, 0.675

■ 45, 39.708,
350.753

■ 35, 60.314, 4.046

■ 49, 32.274,
349.309

■ 53, 24.481,
348.075

■ 57, 16.580,
346.997

■ 62, 8.741, 346.029

■ 66, 1.071, 344.885

■ 71, 6.373, 164.500

■ 75, 13.564,
163.763

Harmonies

Complementary

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



39, 52.115, 354.621



60, 49.077, 156.552

Rectangle

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



39, 52.115, 354.621



39, 52.115, 44.621



39, 52.115, 174.621



39, 52.115, 224.621

Sweetspot

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



39, 52.112, 354.622



73, 20.173, 346.995



33, 71.151, 312.901



37, 13.793, 347.265



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



39, 52.112, 354.622



47, 70.797, 359.302



38, 54.532, 31.217



32, 4.339, 345.829



31, 55.626, 3.583



1, 6.479, 347.663

Inverse Universe

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



39, 52.112, 354.622



47, 70.797, 359.302



60, 31.639, 198.712



32, 4.339, 345.829



31, 55.626, 3.583



1, 6.479, 347.663

Previews

White Background



This preview shows how the CIELCh color 39, 52.115, 354.621 looks on a white background.

Color Contrast Check

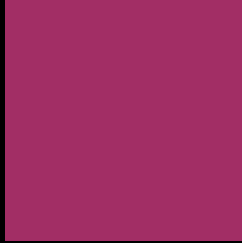
Large Text (above 18pt) WCAG AA ✓ Pass

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, 52.115, 354.621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

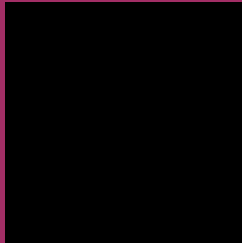
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 39, 52.115, 354.621

Background



This preview shows how black text looks on a background with the CIELCh color 39, 52.115, 354.621.



This preview shows how white text looks on a background with the CIELCh color 39, 52.115, 354.621.

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, 52.115, 354.621

Protanopia

40, 23.964, 284.758

Deuteranopia

39, 5.576, 347.020



Tritanopia
39, 47.887, 26.369

Trichromacy



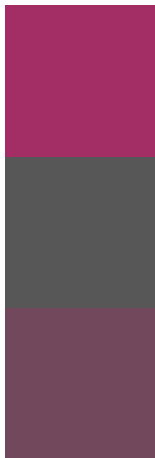
Original Color
39, 52.115, 354.621

Protanomaly
37, 30.819, 320.386

Deuteranomaly
38, 24.695, 349.226

Tritanomaly
39, 47.630, 14.198

Monochromacy



Original Color
39, 52.115, 354.621

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 21.541, 348.416

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 52.115, 354.621 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(162, 46, 101)` looks like.

```
.text, #text, p{  
    color:rgb(162, 46, 101)  
}
```

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(162, 46, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 46, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 52.115, 354.621 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(162, 46, 101) }
```

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

```
.border{ border-color:rgb(162, 46, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 46, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 46, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 46, 101);  
box-shadow:4px 4px 4px 4px rgb(162, 46,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 52.115, 354.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 46, 101) }
```

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

```
.background{ background-color: rgb(162, 46,  
101) }
```

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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