

Converting Colors

CIELCh(39, 54.158, 35.841)

Have a look what the booklet for
CIELCh(39, 54.158, 35.841) contains.

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Color

CIELCh(39, 54.062, 35.756)

Conversions

Conversions Part 1

Format	Color
Hex	A3372B
RGB	163, 55, 43
RGB Percent	64%, 22%, 17%
CMY	0.3615, 0.7849, 0.8319
CMYK	0.00, 0.66, 0.74, 0.36
HSL	6°, 58%, 40%
HSV	6°, 74%, 64%
XYZ	16.8606, 10.6589, 3.4418
YIQ	85.9240, 68.2200, 19.1640

Conversions

Conversions Part 2

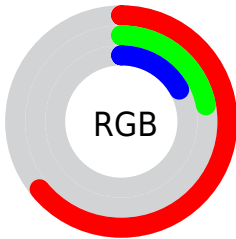
Format	Color
RYB	163, 56, 43
Decimal	10696491
CIELab	39.00, 43.87, 31.59
CIELCh	39, 54.062, 35.756
Yxy	10.6589, 0.5446, 0.3443
Android (android.graphics.Color)	4288886571 (0xFFA3372B)
YUV	85.9240, -21.1615, 67.5957
Hunter-Lab	32.6480, 35.0498, 16.6031

Details

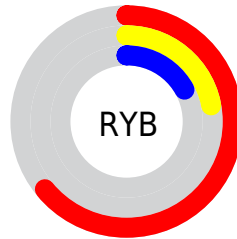
The CIELCh color **39, 54.062, 35.756** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **57, 29.599, 210.431**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 54.401, 35.662**, and **20, 51.361, 36.210** is the 20% darker color. If you saturate the color by 10%, you get **37, 62.252, 37.958**, and if you desaturate by 10%, it is **42, 45.585, 33.792**.

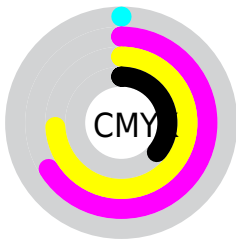
Distribution



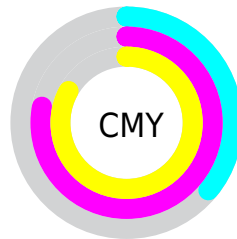
- Red (64%)
- Green (22%)
- Blue (17%)



- Red (64%)
- Yellow (22%)
- Blue (17%)



- Cyan (0%)
- Magenta (66%)
- Yellow (74%)
- Black (36%)



- Cyan (36%)
- Magenta (78%)
- Yellow (83%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 54.062, 35.756 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, 54.062, 35.756 by changing the saturation by 10% instead.

 39, 54.062, 35.756

 39, 54.062, 35.756

 100, 54.062,
35.756

 29, 54.062, 35.756

 59, 54.062, 35.756

 19, 54.062, 35.756

 69, 54.062, 35.756

 9, 54.062, 35.756

 79, 54.062, 35.756

 0, 54.062, 35.756

 89, 54.062, 35.756

 99, 54.062, 35.756

 39, 54.062, 35.756

 39, 54.062, 35.756

 37, 62.252, 37.958

 42, 45.585, 33.792

35, 69.287, 39.897

45, 37.235, 32.199

34, 73.074, 41.191

49, 29.226, 30.975

53, 21.676, 30.064

57, 14.637, 29.403

61, 8.116, 28.922

65, 2.093, 28.449

70, 3.470, 208.625

74, 8.617, 208.439

Harmonies

Complementary

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



39, 54.062, 35.756



57, 29.599, 210.431

Rectangle

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



39, 54.062, 35.756



39, 54.062, 85.756



39, 54.062, 215.756



39, 54.062, 265.756

Sweetspot

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



39, 54.060, 35.759



73, 16.756, 29.334



41, 69.137, 330.730



37, 11.468, 29.477



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, 54.060, 35.759



47, 81.041, 39.201



52, 46.889, 73.759



32, 3.305, 28.743



30, 66.674, 40.939



1, 5.011, 27.650

Inverse Universe

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



57, 29.599, 210.431



72, 38.257, 212.357



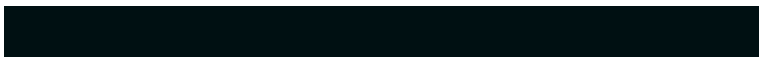
39, 43.447, 280.597



34, 3.117, 208.526



50, 29.406, 213.789



4, 4.855, 211.612

Previews

White Background



This preview shows how the CIELCh color 39, 54.062, 35.756 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, 54.062, 35.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

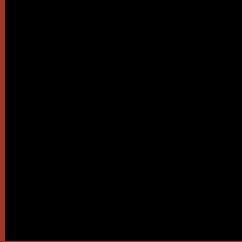
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 54.062, 35.756

Background



This preview shows how black text looks on a background with the CIELCh color 39, 54.062, 35.756.



This preview shows how white text looks on a background with the CIELCh color 39, 54.062, 35.756.

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, 54.062, 35.756

Protanopia

39, 23.215, 95.833

Deuteranopia

39, 34.172, 80.764



Tritanopia
39, 51.218, 27.457

Trichromacy



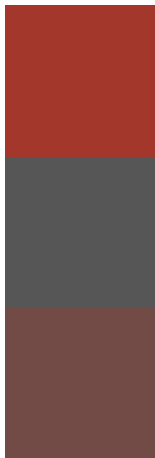
Original Color
39, 54.062, 35.756

Protanomaly
38, 28.903, 56.882

Deuteranomaly
38, 38.336, 57.405

Tritanomaly
39, 52.123, 30.903

Monochromacy



Original Color
39, 54.062, 35.756

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 18.625, 31.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 54.062, 35.756 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(163, 55, 43)` looks like.

```
.text, #text, p{  
    color:rgb(163, 55, 43)  
}
```

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(163, 55, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 55, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 54.062, 35.756 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(163, 55, 43) }
```

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

```
.border{ border-color:rgb(163, 55, 43) }
```

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

Here you see how a box with a 4 pixel rgb(163, 55, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 55, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 55, 43);  
box-shadow:4px 4px 4px 4px rgb(163, 55,  
43) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 54.062, 35.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 55, 43) }
```

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

```
.background{ background-color: rgb(163, 55,  
43) }
```

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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