

Converting Colors

CIELCh(39, 52.512, 31.086)

Have a look what the booklet for
CIELCh(39, 52.512, 31.086) contains.

CIELCh(39, 52.379, 31.486)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(39, 52.379, 31.486)

Conversions

Conversions Part 1

Format	Color
Hex	A33632
RGB	163, 54, 50
RGB Percent	64%, 21%, 20%
CMY	0.3607, 0.7881, 0.8039
CMYK	0.00, 0.67, 0.69, 0.36
HSL	2°, 53%, 42%
HSV	2°, 69%, 64%
XYZ	17.0042, 10.6589, 4.1804
YIQ	86.1350, 66.2480, 21.8640

Conversions

Conversions Part 2

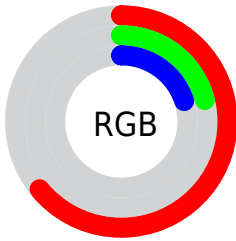
Format	Color
R _Y B	163, 54, 50
Decimal	10696242
CIE Lab	39.00, 44.67, 27.36
CIE LCh	39, 52.379, 31.486
Yxy	10.6589, 0.5340, 0.3347
Android (android.graphics.Color)	4288886322 (0xFFA33632)
YUV	86.1350, -17.8146, 67.4106
Hunter-Lab	32.6480, 35.8347, 15.2620

Details

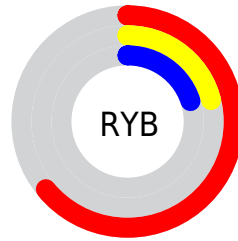
The CIELCh color **39, 52.379, 31.486** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **60, 30.623, 201.095**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 52.056, 31.434**, and **20, 50.735, 34.441** is the 20% darker color. If you saturate the color by 10%, you get **37, 60.630, 34.398**, and if you desaturate by 10%, it is **42, 43.872, 29.034**.

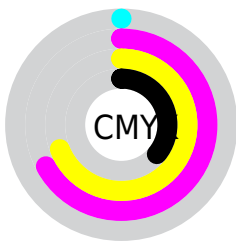
Distribution



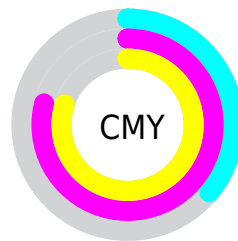
- Red (64%)
- Green (21%)
- Blue (20%)



- Red (64%)
- Yellow (21%)
- Blue (20%)



- Cyan (0%)
- Magenta (67%)
- Yellow (69%)
- Black (36%)



- Cyan (36%)
- Magenta (79%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 52.379, 31.486 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, 52.379, 31.486 by changing the saturation by 10% instead.

■ 39, 52.379, 31.486

■ 39, 52.379, 31.486

■ 100, 52.379,
31.486

■ 29, 52.379, 31.486

■ 59, 52.379, 31.486

■ 19, 52.379, 31.486

■ 69, 52.379, 31.486

■ 9, 52.379, 31.486

■ 79, 52.379, 31.486

■ 0, 52.379, 31.486

■ 89, 52.379, 31.486

■ 99, 52.379, 31.486

■ 39, 52.379, 31.486

■ 39, 52.379, 31.486

■ 37, 60.630, 34.398

■ 42, 43.872, 29.034

35, 68.017, 37.409

46, 35.449, 27.085

34, 73.726, 40.060

50, 27.325, 25.581

34, 74.093, 40.246

54, 19.634, 24.433

58, 12.444, 23.556

63, 5.770, 22.859

67, 0.404, 203.626

72, 6.115, 202.150

77, 11.407,
201.830

Harmonies

Complementary

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



39, 52.379, 31.486



60, 30.623, 201.095

Rectangle

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



39, 52.379, 31.486



39, 52.379, 81.486



39, 52.379, 211.486



39, 52.379, 261.486

Sweetspot

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



39, 52.377, 31.489



73, 16.866, 23.719



42, 68.849, 328.792



37, 11.625, 23.939



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, 52.377, 31.489



47, 78.510, 36.000



51, 43.699, 69.856



32, 3.505, 22.855



30, 67.577, 39.839



1, 5.291, 22.172

Inverse Universe

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



60, 30.623, 201.095



75, 40.241, 201.448



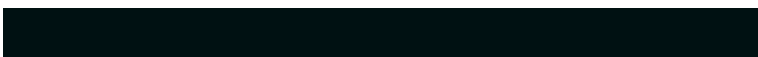
43, 37.782, 274.338



34, 3.307, 202.172



53, 31.429, 202.032



4, 5.215, 203.531

Previews

White Background



This preview shows how the CIELCh color 39, 52.379, 31.486 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, 52.379, 31.486 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, 52.379, 31.486

Background



This preview shows how black text looks on a background with the CIELCh color 39, 52.379, 31.486.

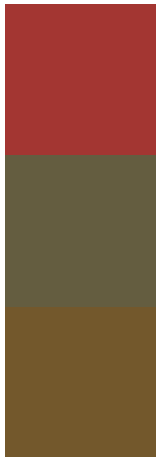


This preview shows how white text looks on a background with the CIELCh color 39, 52.379, 31.486.

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, 52.379, 31.486

Protanopia

39, 17.828, 96.805

Deuteranopia

39, 29.933, 79.189



Tritanopia
39, 51.218, 27.457

Trichromacy



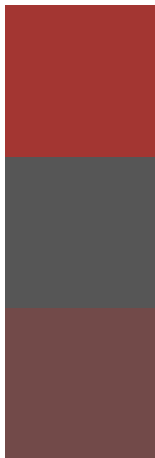
Original Color
39, 52.379, 31.486

Protanomaly
38, 25.214, 50.283

Deuteranomaly
38, 34.616, 53.196

Tritanomaly
39, 51.670, 28.688

Monochromacy



Original Color
39, 52.379, 31.486

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 18.526, 24.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 52.379, 31.486 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, 54, 50)` looks like.

```
.text, #text, p{  
    color:rgb(163, 54, 50)  
}
```

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, 54, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 54, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 52.379, 31.486 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, 54, 50) }
```

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

```
.border{ border-color:rgb(163, 54, 50) }
```

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

Here you see how a box with a 4 pixel rgb(163, 54, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 54, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 54, 50);  
box-shadow:4px 4px 4px 4px rgb(163, 54,  
50) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 52.379, 31.486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 54, 50) }
```

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

```
.background{ background-color: rgb(163, 54,  
50) }
```

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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