

Converting Colors

CIELCh(39, 50.014, 30.704)

Have a look what the booklet for
CIELCh(39, 50.014, 30.704) contains.

CIELCh(39, 50.198, 30.490)	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, 50.198, 30.490)

Conversions

Conversions Part 1

Format	Color
Hex	A13835
RGB	161, 56, 53
RGB Percent	63%, 22%, 21%
CMY	0.3687, 0.7804, 0.7922
CMYK	0.00, 0.65, 0.67, 0.37
HSL	2°, 50%, 42%
HSV	2°, 67%, 63%
XYZ	16.7500, 10.6589, 4.5410
YIQ	87.0530, 63.5430, 21.3270

Conversions

Conversions Part 2

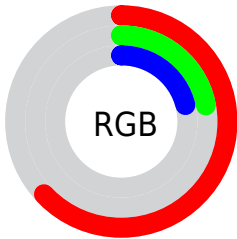
Format	Color
R_{YB}	161, 56, 53
Decimal	10565685
CIE _{Lab}	39.00, 43.26, 25.47
CIE _{LCh}	39, 50.198, 30.490
Yxy	10.6589, 0.5243, 0.3336
Android (android.graphics.Color)	4288755765 (0xFFA13835)
YUV	87.0530, -16.7881, 64.8515
Hunter-Lab	32.6480, 34.4452, 14.6069

Details

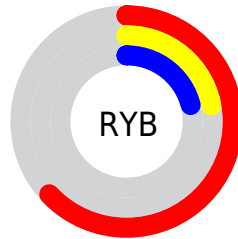
The CIELCh color **39, 50.198, 30.490** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **60, 30.062, 200.103**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 50.270, 30.250**, and **20, 48.906, 32.154** is the 20% darker color. If you saturate the color by 10%, you get **36, 58.439, 33.400**, and if you desaturate by 10%, it is **42, 41.770, 28.085**.

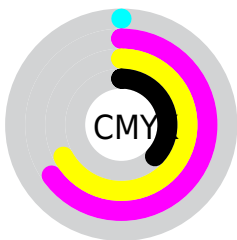
Distribution



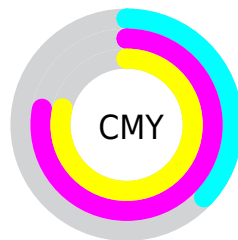
- Red (63%)
- Green (22%)
- Blue (21%)



- Red (63%)
- Yellow (22%)
- Blue (21%)



- Cyan (0%)
- Magenta (65%)
- Yellow (67%)
- Black (37%)



- Cyan (37%)
- Magenta (78%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 50.198, 30.490 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, 50.198, 30.490 by changing the saturation by 10% instead.

■ 39, 50.198, 30.490

■ 39, 50.198, 30.490

■ 100, 50.198,
30.490

■ 29, 50.198, 30.490

■ 59, 50.198, 30.490

■ 19, 50.198, 30.490

■ 69, 50.198, 30.490

■ 9, 50.198, 30.490

■ 79, 50.198, 30.490

■ 0, 50.198, 30.490

■ 89, 50.198, 30.490

■ 99, 50.198, 30.490

■ 39, 50.198, 30.490

■ 39, 50.198, 30.490

■ 36, 58.439, 33.400

■ 42, 41.770, 28.085

35, 65.988, 36.544

46, 33.462, 26.190

34, 71.912, 39.312

50, 25.472, 24.730

33, 73.465, 40.110

54, 17.924, 23.614

58, 10.875, 22.754

63, 4.336, 22.047

68, 1.714, 201.941

72, 7.313, 201.355

77, 12.505,
201.039

Harmonies

Complementary

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



39, 50.198, 30.490



60, 30.062, 200.103

Rectangle

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



39, 50.198, 30.490



39, 50.198, 80.490



39, 50.198, 210.490



39, 50.198, 260.490

Sweetspot

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



39, 50.196, 30.493



73, 15.956, 23.014



42, 67.383, 328.168



37, 10.976, 23.237



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, 50.196, 30.493



46, 76.124, 35.115



50, 41.662, 68.632



32, 3.531, 22.200



30, 67.681, 39.715



1, 5.327, 21.559

Inverse Universe

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



60, 30.062, 200.103



75, 39.933, 200.289



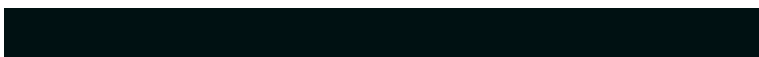
43, 35.311, 271.797



34, 3.332, 201.466



53, 31.739, 200.760



4, 5.266, 202.621

Previews

White Background



This preview shows how the CIELCh color 39, 50.198, 30.490 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, 50.198, 30.490 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, 50.198, 30.490

Background



This preview shows how black text looks on a background with the CIELCh color 39, 50.198, 30.490.

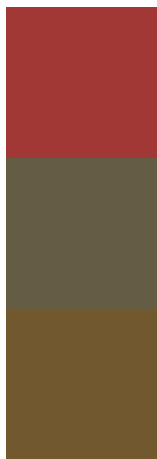


This preview shows how white text looks on a background with the CIELCh color 39, 50.198, 30.490.

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, 50.198, 30.490

Protanopia

39, 16.070, 96.017

Deuteranopia

39, 28.134, 78.927



Tritanopia
39, 49.342, 26.866

Trichromacy



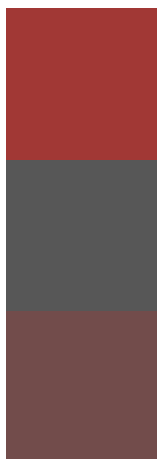
Original Color
39, 50.198, 30.490

Protanomaly
38, 23.522, 49.136

Deuteranomaly
38, 32.982, 51.518

Tritanomaly
39, 49.777, 28.155

Monochromacy



Original Color
39, 50.198, 30.490

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 17.493, 24.088

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 50.198, 30.490 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(161, 56, 53)` looks like.

```
.text, #text, p{  
    color:rgb(161, 56, 53)  
}
```

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(161, 56, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 56, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 50.198, 30.490 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(161, 56, 53) }
```

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

```
.border{ border-color:rgb(161, 56, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 56, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 56, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 56, 53);  
box-shadow:4px 4px 4px 4px rgb(161, 56,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 50.198, 30.490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 56, 53) }
```

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

```
.background{ background-color: rgb(161, 56,  
53) }
```

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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