

Converting Colors

CIELCh(39, 39.255, 53.942)

Have a look what the booklet for
CIELCh(39, 39.255, 53.942) contains.

CIELCh(39, 39.190, 53.982)	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, 39.190, 53.982)

Conversions

Conversions Part 1

Format	Color
Hex	8A4C29
RGB	138, 76, 41
RGB Percent	54%, 30%, 16%
CMY	0.4602, 0.7031, 0.8403
CMYK	0.00, 0.45, 0.70, 0.46
HSL	22°, 54%, 35%
HSV	22°, 70%, 54%
XYZ	13.3820, 10.6589, 3.4243
YIQ	90.5480, 48.1870, 2.2590

Conversions

Conversions Part 2

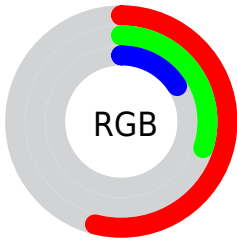
Format	Color
R _Y B	138, 96, 41
Decimal	9063465
CIE Lab	39.00, 23.05, 31.70
CIE LCh	39, 39.190, 53.982
Yxy	10.6589, 0.4872, 0.3881
Android (android.graphics.Color)	4287253545 (0xFF8A4C29)
YUV	90.5480, -24.4272, 41.6154
Hunter-Lab	32.6480, 16.0307, 16.6351

Details

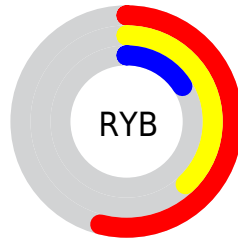
The CIELCh color **39, 39.190, 53.982** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **41, 26.315, 252.625**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 38.963, 54.233**, and **19, 37.050, 50.482** is the 20% darker color. If you saturate the color by 10%, you get **37, 45.736, 53.344**, and if you desaturate by 10%, it is **41, 32.664, 54.562**.

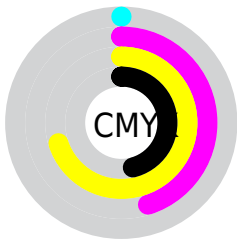
Distribution



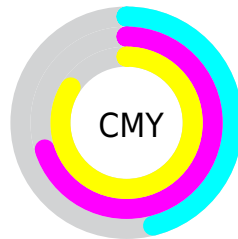
- Red (54%)
- Green (30%)
- Blue (16%)



- Red (54%)
- Yellow (38%)
- Blue (16%)



- Cyan (0%)
- Magenta (45%)
- Yellow (70%)
- Black (46%)



- Cyan (46%)
- Magenta (70%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 39.190, 53.982 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, 39.190, 53.982 by changing the saturation by 10% instead.

■ 39, 39.190, 53.982

■ 39, 39.190, 53.982

■ 100, 39.190,
53.982

■ 29, 39.190, 53.982

■ 59, 39.190, 53.982

■ 19, 39.190, 53.982

■ 69, 39.190, 53.982

■ 9, 39.190, 53.982

■ 79, 39.190, 53.982

■ 0, 39.190, 53.982

■ 89, 39.190, 53.982

■ 99, 39.190, 53.982

■ 39, 39.190, 53.982

■ 39, 39.190, 53.982

■ 37, 45.736, 53.344

■ 41, 32.664, 54.562

35, 51.825, 52.407

44, 26.384, 55.169

33, 57.293, 51.569

46, 20.442, 55.839

49, 14.864, 56.571

52, 9.644, 57.352

54, 4.759, 58.148

57, 0.181, 57.109

60, 4.122, 240.045

63, 8.180, 240.878

Harmonies

Complementary

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



39, 39.190, 53.982



41, 26.315, 252.625

Rectangle

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



39, 39.190, 53.982



39, 39.190, 103.982



39, 39.190, 233.982



39, 39.190, 283.982

Sweetspot

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



39, 39.189, 53.985



66, 12.307, 57.269



34, 49.459, 342.827



33, 8.364, 57.083



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



39, 39.189, 53.985



46, 60.201, 52.799



52, 45.322, 95.538



28, 2.568, 58.245



32, 55.621, 51.643



1, 1.162, 59.112

Inverse Universe

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



41, 26.315, 252.625



49, 37.092, 259.196



27, 53.121, 295.931



28, 2.468, 240.076



34, 32.950, 265.037



1, 1.162, 239.129

Previews

White Background



This preview shows how the CIELCh color 39, 39.190, 53.982 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, 39.190, 53.982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

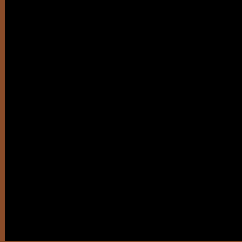
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 39.190, 53.982

Background



This preview shows how black text looks on a background with the CIELCh color 39, 39.190, 53.982.



This preview shows how white text looks on a background with the CIELCh color 39, 39.190, 53.982.

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, 39.190, 53.982

Protanopia

39, 28.240, 96.777

Deuteranopia

39, 32.958, 81.015



Tritanopia
39, 30.998, 19.158

Trichromacy



Original Color
39, 39.190, 53.982

Protanomaly
39, 29.731, 77.933

Deuteranomaly
39, 34.126, 70.483

Tritanomaly
39, 32.379, 33.610

Monochromacy



Original Color
39, 39.190, 53.982

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 13.062, 57.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 39.190, 53.982 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(138, 76, 41)` looks like.

```
.text, #text, p{  
    color:rgb(138, 76, 41)  
}
```

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(138, 76, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 76, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 39.190, 53.982 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(138, 76, 41) }
```

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

```
.border{ border-color:rgb(138, 76, 41) }
```

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

Here you see how a box with a 4 pixel rgb(138, 76, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 76, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 76, 41);  
box-shadow:4px 4px 4px 4px rgb(138, 76,  
41) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 39.190, 53.982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 76, 41) }
```

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

```
.background{ background-color: rgb(138, 76,  
41) }
```

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