

Converting Colors

CIELCh(39, 44.037, 55.805)

Have a look what the booklet for
CIELCh(39, 44.037, 55.805) contains.

CIELCh(39, 44.246, 55.581)	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, 44.246, 55.581)

Conversions

Conversions Part 1

Format	Color
Hex	8D4A20
RGB	141, 74, 32
RGB Percent	55%, 29%, 13%
CMY	0.4472, 0.7099, 0.8746
CMYK	0.00, 0.48, 0.77, 0.45
HSL	23°, 63%, 34%
HSV	23°, 77%, 55%
XYZ	13.6875, 10.6589, 2.7008
YIQ	89.2450, 53.4140, 1.1420

Conversions

Conversions Part 2

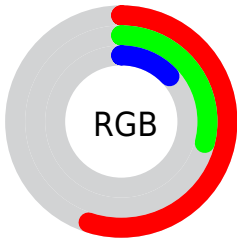
Format	Color
RYB	141, 100, 32
Decimal	9259552
CIELab	39.00, 25.01, 36.50
CIElCh	39, 44.246, 55.581
Yxy	10.6589, 0.5061, 0.3941
Android (android.graphics.Color)	4287449632 (0xFF8D4A20)
YUV	89.2450, -28.2218, 45.3891
Hunter-Lab	32.6480, 17.7009, 17.9488

Details

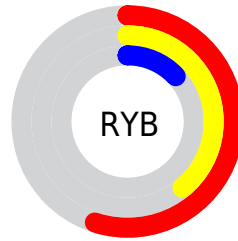
The CIELCh color **39, 44.246, 55.581** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **40, 29.671, 258.925**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 44.125, 55.792**, and **19, 37.883, 48.519** is the 20% darker color. If you saturate the color by 10%, you get **37, 50.499, 54.560**, and if you desaturate by 10%, it is **41, 37.668, 56.377**.

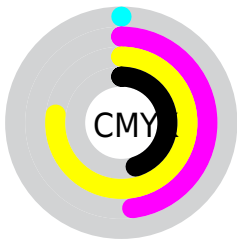
Distribution



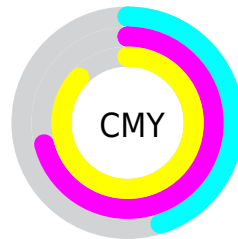
- Red (55%)
- Green (29%)
- Blue (13%)



- Red (55%)
- Yellow (39%)
- Blue (13%)



- Cyan (0%)
- Magenta (48%)
- Yellow (77%)
- Black (45%)



- Cyan (45%)
- Magenta (71%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 44.246, 55.581 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, 44.246, 55.581 by changing the saturation by 10% instead.

39, 44.246, 55.581

39, 44.246, 55.581

100, 44.246,
55.581

29, 44.246, 55.581

59, 44.246, 55.581

19, 44.246, 55.581

69, 44.246, 55.581

9, 44.246, 55.581

79, 44.246, 55.581

0, 44.246, 55.581

89, 44.246, 55.581

99, 44.246, 55.581

39, 44.246, 55.581

39, 44.246, 55.581

37, 50.499, 54.560

41, 37.668, 56.377

35, 56.001, 53.203

44, 31.170, 57.121

35, 57.623, 53.042

46, 24.935, 57.890

49, 19.034, 58.706

51, 13.485, 59.566

54, 8.278, 60.456

57, 3.388, 61.326

59, 1.213, 242.664

62, 5.555, 243.384

Harmonies

Complementary

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



39, 44.246, 55.581



40, 29.671, 258.925

Rectangle

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



39, 44.246, 55.581



39, 44.246, 105.581



39, 44.246, 235.581



39, 44.246, 285.581

Sweetspot

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



39, 44.245, 55.584



67, 13.913, 59.904



33, 52.336, 345.910



34, 9.696, 59.620



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



39, 44.245, 55.584



47, 66.355, 53.396



53, 50.768, 96.954



29, 2.658, 61.172



33, 55.784, 53.173



1, 1.752, 62.112

Inverse Universe

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



40, 29.671, 258.925



48, 42.189, 266.834



24, 62.568, 299.151



29, 2.562, 243.149



34, 35.018, 268.842



1, 1.753, 242.129

Previews

White Background



This preview shows how the CIELCh color 39, 44.246, 55.581 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, 44.246, 55.581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

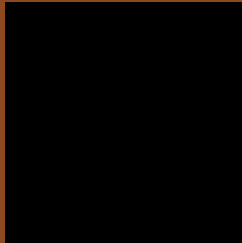
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 44.246, 55.581

Background



This preview shows how black text looks on a background with the CIELCh color 39, 44.246, 55.581.



This preview shows how white text looks on a background with the CIELCh color 39, 44.246, 55.581.

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, 44.246, 55.581

Protanopia

39, 33.068, 96.346

Deuteranopia

39, 37.883, 82.417



Tritanopia
39, 33.476, 21.077

Trichromacy



Original Color
39, 44.246, 55.581

Protanomaly
39, 34.526, 78.140

Deuteranomaly
39, 39.198, 71.643

Tritanomaly
39, 35.671, 35.976

Monochromacy



Original Color
39, 44.246, 55.581

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 15.131, 60.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 44.246, 55.581 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(141, 74, 32)` looks like.

```
.text, #text, p{  
    color:rgb(141, 74, 32)  
}
```

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(141, 74, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 74, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 44.246, 55.581 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(141, 74, 32) }
```

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

```
.border{ border-color:rgb(141, 74, 32) }
```

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

Here you see how a box with a 4 pixel rgb(141, 74, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 74, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 74, 32);  
box-shadow:4px 4px 4px 4px rgb(141, 74,  
32) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 44.246, 55.581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 74, 32) }
```

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

```
.background{ background-color: rgb(141, 74,  
32) }
```

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