

Converting Colors

CIELCh(39, 57.987, 42.385)

Have a look what the booklet for
CIELCh(39, 57.987, 42.385) contains.

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Color

CIELCh(39, 58.163, 42.516)

Conversions

Conversions Part 1

Format	Color
Hex	A3381D
RGB	163, 56, 29
RGB Percent	64%, 22%, 11%
CMY	0.3617, 0.7812, 0.8869
CMYK	0.00, 0.66, 0.82, 0.36
HSL	12°, 70%, 38%
HSV	12°, 82%, 64%
XYZ	16.6811, 10.6589, 2.3294
YIQ	84.9150, 72.4390, 14.2870

Conversions

Conversions Part 2

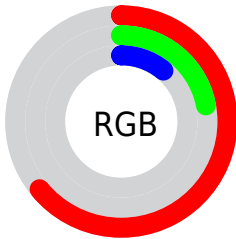
Format	Color
RYB	163, 63, 29
Decimal	10696733
CIELab	39.00, 42.87, 39.31
CIELCh	39, 58.163, 42.516
Yxy	10.6589, 0.5622, 0.3593
Android (android.graphics.Color)	4288886813 (0xFFA3381D)
YUV	84.9150, -27.5661, 68.4805
Hunter-Lab	32.6480, 34.0682, 18.6233

Details

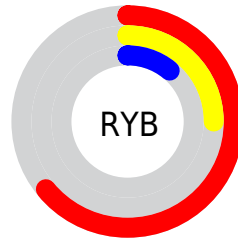
The CIELCh color **39, 58.163, 42.516** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **52, 29.651, 229.537**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 58.201, 42.632**, and **20, 51.361, 36.210** is the 20% darker color. If you saturate the color by 10%, you get **37, 65.580, 43.199**, and if you desaturate by 10%, it is **42, 49.950, 41.566**.

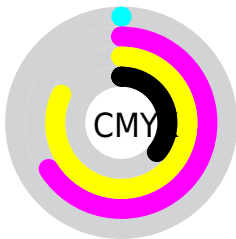
Distribution



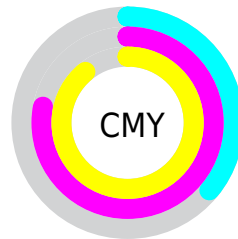
- Red (64%)
- Green (22%)
- Blue (11%)



- Red (64%)
- Yellow (25%)
- Blue (11%)



- Cyan (0%)
- Magenta (66%)
- Yellow (82%)
- Black (36%)



- Cyan (36%)
- Magenta (78%)
- Yellow (89%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 58.163, 42.516 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, 58.163, 42.516 by changing the saturation by 10% instead.

■ 39, 58.163, 42.516

■ 39, 58.163, 42.516

■ 100, 58.163,
42.516

■ 29, 58.163, 42.516

■ 59, 58.163, 42.516

■ 19, 58.163, 42.516

■ 69, 58.163, 42.516

■ 9, 58.163, 42.516

■ 79, 58.163, 42.516

■ 0, 58.163, 42.516

■ 89, 58.163, 42.516

■ 99, 58.163, 42.516

■ 39, 58.163, 42.516

■ 39, 58.163, 42.516

■ 37, 65.580, 43.199

■ 42, 49.950, 41.566

36, 70.633, 43.765

44, 41.697, 40.703

48, 33.741, 40.048

51, 26.232, 39.618

55, 19.229, 39.386

58, 12.740, 39.314

62, 6.744, 39.353

66, 1.206, 39.208

70, 3.918, 219.961

Harmonies

Complementary

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



39, 58.163, 42.516



52, 29.651, 229.537

Rectangle

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



39, 58.163, 42.516



39, 58.163, 92.516



39, 58.163, 222.516



39, 58.163, 272.516

Sweetspot

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



39, 58.161, 42.519



73, 17.928, 39.322



39, 67.557, 336.314



37, 12.500, 39.345



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, 58.161, 42.519



47, 85.734, 43.266



54, 53.431, 82.496



32, 3.074, 39.372



32, 64.529, 43.764



2, 4.677, 37.457

Inverse Universe

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



52, 29.651, 229.537



64, 38.148, 235.892



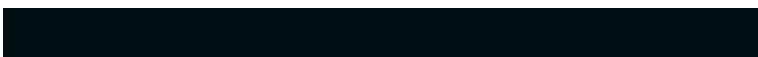
32, 58.895, 292.141



33, 2.905, 220.002



45, 28.869, 235.051



3, 4.531, 225.389

Previews

White Background



This preview shows how the CIELCh color 39, 58.163, 42.516 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, 58.163, 42.516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

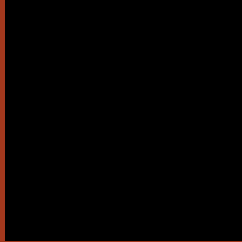
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 58.163, 42.516

Background



This preview shows how black text looks on a background with the CIELCh color 39, 58.163, 42.516.



This preview shows how white text looks on a background with the CIELCh color 39, 58.163, 42.516.

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, 58.163, 42.516

Protanopia

39, 32.046, 96.258

Deuteranopia

39, 42.431, 83.235



Tritanopia
39, 51.645, 27.545

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 58.163, 42.516 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, 56, 29)` looks like.

```
.text, #text, p{  
    color:rgb(163, 56, 29)  
}
```

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, 56, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 56, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 58.163, 42.516 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, 56, 29) }
```

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

```
.border{ border-color:rgb(163, 56, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 56, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 56, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 56, 29);  
box-shadow:4px 4px 4px 4px rgb(163, 56,  
29) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 58.163, 42.516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 56, 29) }
```

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

```
.background{ background-color: rgb(163, 56,  
29) }
```

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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