

Converting Colors

CIELCh(39, 58.658, 0.217)

Have a look what the booklet for
CIELCh(39, 58.658, 0.217) contains.

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Color

CIELCh(39, 58.693, 0.160)

Conversions

Conversions Part 1

Format	Color
Hex	AD205E
RGB	173, 32, 94
RGB Percent	68%, 13%, 37%
CMY	0.3229, 0.8762, 0.6324
CMYK	0.00, 0.82, 0.46, 0.32
HSL	334°, 69%, 40%
HSV	334°, 82%, 68%
XYZ	19.6723, 10.6589, 11.5457
YIQ	81.2270, 64.1340, 49.1740

Conversions

Conversions Part 2

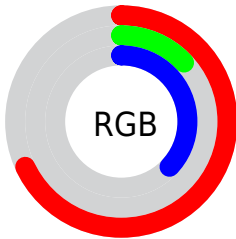
Format	Color
R_{YB}	173, 32, 94
Decimal	11346014
CIE _{Lab}	39.00, 58.69, 0.16
CIE _{LCh}	39, 58.693, 0.160
Yxy	10.6589, 0.4698, 0.2545
Android (android.graphics.Color)	4289536094 (0xFFAD205E)
YUV	81.2270, 6.2971, 80.4849
Hunter-Lab	32.6480, 50.4222, 1.8862

Details

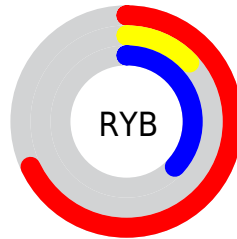
The CIELCh color **39, 58.693, 0.160** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **63, 54.974, 156.369**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 58.676, 0.275**, and **23, 46.908, 7.654** is the 20% darker color. If you saturate the color by 10%, you get **37, 61.505, 3.887**, and if you desaturate by 10%, it is **41, 54.245, 357.213**.

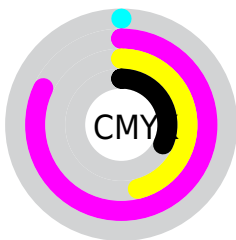
Distribution



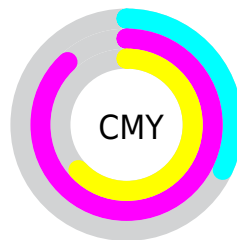
- Red (68%)
- Green (13%)
- Blue (37%)



- Red (68%)
- Yellow (13%)
- Blue (37%)



- Cyan (0%)
- Magenta (82%)
- Yellow (46%)
- Black (32%)




- Cyan (32%)
- Magenta (88%)
- Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 58.693, 0.160 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, 58.693, 0.160 by changing the saturation by 10% instead.

 39, 58.693, 0.160  39, 58.693, 0.160

 100, 58.693, 0.160  29, 58.693, 0.160

 59, 58.693, 0.160  19, 58.693, 0.160


 69, 58.693, 0.160  9, 58.693, 0.160

 79, 58.693, 0.160  0, 58.693, 0.160

 89, 58.693, 0.160

 99, 58.693, 0.160

 39, 58.693, 0.160  39, 58.693, 0.160

 37, 61.505, 3.887  41, 54.245,
357.213

 37, 63.034, 7.465

■ 44, 48.334,
354.875

■ 48, 41.315,
352.991

■ 52, 33.590,
351.437

■ 56, 25.509,
350.123

■ 60, 17.332,
348.987

■ 65, 9.238, 347.975

■ 70, 1.335, 346.844

■ 75, 6.320, 166.394

Harmonies

Complementary

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



39, 58.693, 0.160



63, 54.974, 156.369

Rectangle

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



39, 58.693, 0.160



39, 58.693, 50.160



39, 58.693, 180.160



39, 58.693, 230.160

Sweetspot

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



39, 58.690, 0.161



75, 24.784, 349.393



32, 82.898, 313.875



37, 16.930, 349.780



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



39, 58.690, 0.161



48, 76.322, 7.480



39, 65.123, 35.729



34, 4.466, 347.742



32, 56.952, 6.871



2, 8.851, 351.981

Inverse Universe

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



39, 58.690, 0.161



48, 76.322, 7.480



62, 33.725, 203.490



34, 4.466, 347.742



32, 56.952, 6.871



2, 8.851, 351.981

Previews

White Background



This preview shows how the CIELCh color 39, 58.693, 0.160 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, 58.693, 0.160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

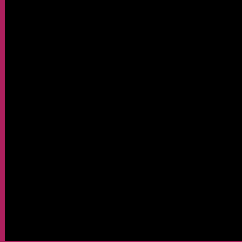
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 58.693, 0.160

Background



This preview shows how black text looks on a background with the CIELCh color 39, 58.693, 0.160.



This preview shows how white text looks on a background with the CIELCh color 39, 58.693, 0.160.

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, 58.693, 0.160

Protanopia

40, 22.732, 284.843

Deuteranopia

39, 6.396, 36.659



Tritanopia
39, 57.912, 30.051

Trichromacy



Original Color
39, 58.693, 0.160

Protanomaly
37, 32.945, 325.827

Deuteranomaly
37, 28.218, 359.252

Tritanomaly
39, 56.227, 19.001

Monochromacy



Original Color
39, 58.693, 0.160

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 25.771, 350.966

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 58.693, 0.160 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(173, 32, 94)` looks like.

```
.text, #text, p{  
    color:rgb(173, 32, 94)  
}
```

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(173, 32, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 32, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 58.693, 0.160 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(173, 32, 94) }
```

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

```
.border{ border-color:rgb(173, 32, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 32, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 32, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 32, 94);  
box-shadow:4px 4px 4px 4px rgb(173, 32,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 58.693, 0.160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 32, 94) }
```

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

```
.background{ background-color: rgb(173, 32,  
94) }
```

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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