

Converting Colors

CIELCh(39, 58.103, 356.424)

Have a look what the booklet for
CIELCh(39, 58.103, 356.424)
contains.

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Color

CIELCh(39, 58.074, 356.051)

Conversions

Conversions Part 1

Format	Color
Hex	AA2264
RGB	170, 34, 100
RGB Percent	67%, 13%, 39%
CMY	0.3324, 0.8654, 0.6070
CMYK	0.00, 0.80, 0.41, 0.33
HSL	331°, 66%, 40%
HSV	331°, 80%, 67%
XYZ	19.5217, 10.6589, 13.1370
YIQ	82.1880, 59.8700, 49.3580

Conversions

Conversions Part 2

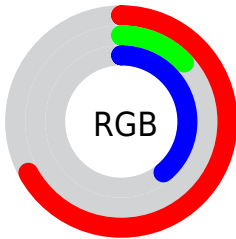
Format	Color
R_{YB}	170, 34, 100
Decimal	11149924
CIE Lab	39.00, 57.94, -4.00
CIE LCh	39, 58.074, 356.051
Yxy	10.6589, 0.4507, 0.2461
Android (android.graphics.Color)	4289340004 (0xFFAA2264)
YUV	82.1880, 8.7813, 77.0111
Hunter-Lab	32.6480, 49.5988, -1.0037

Details

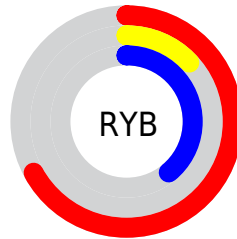
The CIELCh color **39, 58.074, 356.051** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **62, 55.925, 154.332**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 57.938, 355.813**, and **23, 46.239, 1.540** is the 20% darker color. If you saturate the color by 10%, you get **37, 60.934, 359.253**, and if you desaturate by 10%, it is **41, 53.497, 353.517**.

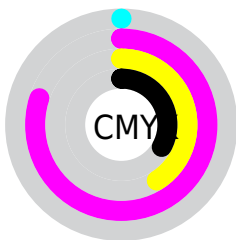
Distribution



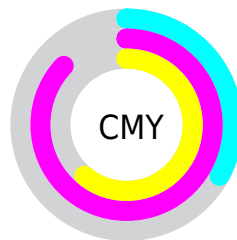
- Red (67%)
- Green (13%)
- Blue (39%)



- Red (67%)
- Yellow (13%)
- Blue (39%)



- Cyan (0%)
- Magenta (80%)
- Yellow (41%)
- Black (33%)





- Cyan (33%)
- Magenta (87%)
- Yellow (61%)
- Black (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 58.074, 356.051 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, 58.074, 356.051 by changing the saturation by 10% instead.


 39, 58.074,
356.051


 39, 58.074,
356.051

 100, 58.074,
356.051


 29, 58.074,
356.051

 59, 58.074,
356.051


 19, 58.074,
356.051


 69, 58.074,
356.051

 9, 58.074, 356.051

 79, 58.074,
356.051

 0, 58.074, 356.051

 89, 58.074,
356.051

 99, 58.074,
356.051

■ 39, 58.074,
356.051

■ 39, 58.074,
356.051

■ 37, 60.934,
359.253

■ 41, 53.497,
353.517

■ 36, 62.482, 3.101

■ 44, 47.445,
351.489

■ 36, 62.507, 3.161

■ 48, 40.306,
349.833

■ 52, 32.482,
348.445

■ 56, 24.316,
347.253

■ 60, 16.059,
346.206

■ 65, 7.880, 345.258

■ 70, 0.116, 167.615

Harmonies

Complementary

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



39, 58.074, 356.051



62, 55.925, 154.332

Rectangle

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



39, 58.074, 356.051



39, 58.074, 46.051



39, 58.074, 176.051



39, 58.074, 226.051

Sweetspot

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



39, 58.071, 356.052



75, 24.179, 346.671



32, 81.038, 312.569



38, 16.780, 347.040



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, 58.071, 356.052



48, 75.579, 2.340



38, 64.189, 33.477



33, 4.484, 345.205



31, 56.407, 2.604



2, 7.733, 348.364

Inverse Universe

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



39, 58.071, 356.052



48, 75.579, 2.340



63, 35.092, 196.536



33, 4.484, 345.205



31, 56.407, 2.604



2, 7.733, 348.364

Previews

White Background



This preview shows how the CIELCh color 39, 58.074, 356.051 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, 58.074, 356.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

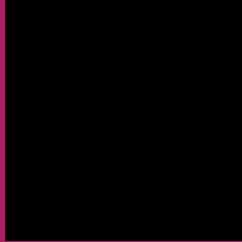
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 58.074, 356.051

Background



This preview shows how black text looks on a background with the CIELCh color 39, 58.074, 356.051.



This preview shows how white text looks on a background with the CIELCh color 39, 58.074, 356.051.

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, 58.074, 356.051

Protanopia

40, 27.013, 285.052

Deuteranopia

39, 5.660, 354.691



Tritanopia
39, 54.925, 28.638

Trichromacy



Original Color
39, 58.074, 356.051

Protanomaly
37, 35.328, 320.219

Deuteranomaly
37, 28.315, 350.731

Tritanomaly
39, 53.668, 16.128

Monochromacy



Original Color
39, 58.074, 356.051

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 25.290, 348.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 58.074, 356.051 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(170, 34, 100)` looks like.

```
.text, #text, p{  
    color:rgb(170, 34, 100)  
}
```

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(170, 34, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 34, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 58.074, 356.051 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(170, 34, 100) }
```

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

```
.border{ border-color:rgb(170, 34, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 34, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 34, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 34, 100);  
box-shadow:4px 4px 4px 4px rgb(170, 34,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 58.074, 356.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 34, 100) }
```

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

```
.background{ background-color: rgb(170, 34,  
100) }
```

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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