

Converting Colors

CIELCh(39, 35.643, 5.624)

Have a look what the booklet for
CIELCh(39, 35.643, 5.624) contains.

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Color

CIELCh(39, 35.786, 5.886)

Conversions

Conversions Part 1

Format	Color
Hex	914257
RGB	145, 66, 87
RGB Percent	57%, 26%, 34%
CMY	0.4304, 0.7402, 0.6579
CMYK	0.00, 0.54, 0.40, 0.43
HSL	344°, 37%, 41%
HSV	344°, 54%, 57%
XYZ	15.4143, 10.6589, 10.3098
YIQ	92.0150, 40.3430, 23.2790

Conversions

Conversions Part 2

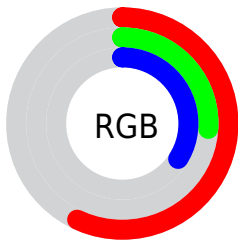
Format	Color
R_{YB}	145, 66, 87
Decimal	9519703
CIE Lab	39.00, 35.60, 3.67
CIE LCh	39, 35.786, 5.886
Yxy	10.6589, 0.4237, 0.2930
Android (android.graphics.Color)	4287709783 (0xFF914257)
YUV	92.0150, -2.4724, 46.4678
Hunter-Lab	32.6480, 27.1419, 4.1306

Details

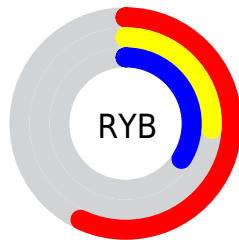
The CIELCh color **39, 35.786, 5.886** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **55, 29.851, 172.688**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 35.481, 5.646**, and **19, 35.714, 5.957** is the 20% darker color. If you saturate the color by 10%, you get **36, 42.047, 8.387**, and if you desaturate by 10%, it is **42, 29.127, 3.885**.

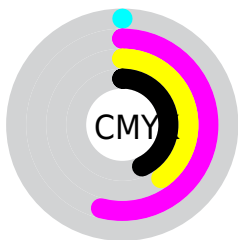
Distribution



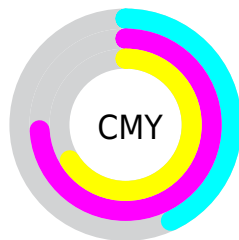
- Red (57%)
- Green (26%)
- Blue (34%)



- Red (57%)
- Yellow (26%)
- Blue (34%)



- Cyan (0%)
- Magenta (54%)
- Yellow (40%)
- Black (43%)



- Cyan (43%)
- Magenta (74%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 35.786, 5.886 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, 35.786, 5.886 by changing the saturation by 10% instead.

 39, 35.786, 5.886

 39, 35.786, 5.886

 100, 35.786, 5.886

 29, 35.786, 5.886

 59, 35.786, 5.886

 19, 35.786, 5.886

 69, 35.786, 5.886

 9, 35.786, 5.886

 79, 35.786, 5.886

 0, 35.786, 5.886

 89, 35.786, 5.886

 99, 35.786, 5.886

 39, 35.786, 5.886

 39, 35.786, 5.886

 36, 42.047, 8.387

 42, 29.127, 3.885

 33, 47.641, 11.533

 46, 22.331, 2.251

■ 32, 52.349, 15.472

■ 50, 15.586, 0.891

■ 30, 56.152, 20.253

■ 54, 9.018, 359.728

■ 30, 58.257, 22.947

■ 58, 2.697, 358.642

■ 63, 3.344, 178.040

■ 67, 9.100, 177.204

■ 71, 14.579,
176.506

■ 76, 19.798,
175.883

Harmonies

Complementary

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



39, 35.786, 5.886



55, 29.851, 172.688

Rectangle

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



39, 35.786, 5.886



39, 35.786, 55.886



39, 35.786, 185.886



39, 35.786, 235.886

Sweetspot

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



39, 35.784, 5.888



68, 12.454, 359.941



38, 51.161, 318.945



34, 8.412, 0.144



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



39, 35.784, 5.888



46, 52.388, 8.943



43, 31.618, 42.890



28, 3.448, 359.170



28, 55.144, 22.532



0, 2.284, 358.386

Inverse Universe

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



39, 35.784, 5.888



46, 52.388, 8.943



50, 21.357, 228.415



28, 3.448, 359.170



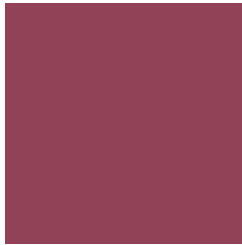
28, 55.144, 22.532



0, 2.284, 358.386

Previews

White Background



This preview shows how the CIE LCh color 39, 35.786, 5.886 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, 35.786, 5.886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

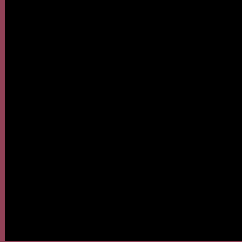
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 35.786, 5.886

Background



This preview shows how black text looks on a background with the CIELCh color 39, 35.786, 5.886.



This preview shows how white text looks on a background with the CIELCh color 39, 35.786, 5.886.

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, 35.786, 5.886

Protanopia

39, 6.126, 287.367

Deuteranopia

39, 7.734, 43.315



Tritanopia
39, 34.327, 20.428

Trichromacy



Original Color
39, 35.786, 5.886

Protanomaly
39, 14.571, 345.786

Deuteranomaly
39, 17.492, 14.185

Tritanomaly
39, 34.369, 14.713

Monochromacy



Original Color
39, 35.786, 5.886

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 12.857, 2.041

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 35.786, 5.886 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(145, 66, 87)` looks like.

```
.text, #text, p{  
    color:rgb(145, 66, 87)  
}
```

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(145, 66, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 66, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 35.786, 5.886 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(145, 66, 87) }
```

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

```
.border{ border-color:rgb(145, 66, 87) }
```

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

Here you see how a box with a 4 pixel rgb(145, 66, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 66, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 66, 87);  
box-shadow:4px 4px 4px 4px rgb(145, 66,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 35.786, 5.886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 66, 87) }
```

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

```
.background{ background-color: rgb(145, 66,  
87) }
```

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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