

Converting Colors

CIELCh(39, 63.141, 342.559)

Have a look what the booklet for
CIELCh(39, 63.141, 342.559)
contains.

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Color

CIELCh(39, 63.186, 342.333)

Conversions

Conversions Part 1

Format	Color
Hex	A6207C
RGB	166, 32, 124
RGB Percent	65%, 13%, 49%
CMY	0.3478, 0.8729, 0.5126
CMYK	0.00, 0.81, 0.25, 0.35
HSL	319°, 67%, 39%
HSV	319°, 81%, 65%
XYZ	19.9757, 10.6589, 20.1663
YIQ	82.5540, 50.3320, 57.0200

Conversions

Conversions Part 2

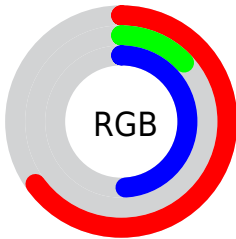
Format	Color
RYB	166, 32, 124
Decimal	10887292
CIELab	39.00, 60.21, -19.18
CIELCh	39, 63.186, 342.333
Yxy	10.6589, 0.3932, 0.2098
Android (android.graphics.Color)	4289077372 (0xFFA6207C)
YUV	82.5540, 20.4329, 73.1821
Hunter-Lab	32.6480, 52.0814, -13.7690

Details

The CIELCh color **39, 63.186, 342.333** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **60, 66.071, 145.426**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 63.315, 342.356**, and **23, 49.570, 345.153** is the 20% darker color. If you saturate the color by 10%, you get **38, 65.655, 343.954**, and if you desaturate by 10%, it is **41, 58.727, 340.983**.

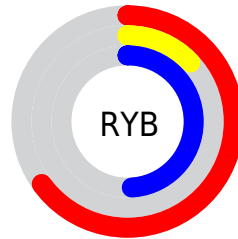
Distribution



Red (65%)

Green (13%)

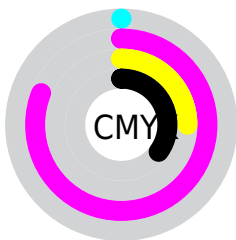
Blue (49%)



Red (65%)

Yellow (13%)

Blue (49%)

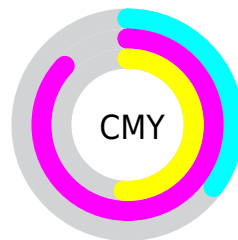


Cyan (0%)

Magenta (81%)

Yellow (25%)

Black (35%)



Cyan (35%)


Magenta (87%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 63.186, 342.333 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, 63.186, 342.333 by changing the saturation by 10% instead.


 39, 63.186,
342.333


 39, 63.186,
342.333

 100, 63.186,
342.333


 29, 63.186,
342.333

 59, 63.186,
342.333


 19, 63.186,
342.333


 69, 63.186,
342.333

 9, 63.186, 342.333

 79, 63.186,
342.333

 0, 63.186, 342.333

 89, 63.186,
342.333

 99, 63.186,
342.333

■ 39, 63.186,
342.333

■ 39, 63.186,
342.333

■ 38, 65.655,
343.954

■ 41, 58.727,
340.983

■ 37, 66.550,
345.743

■ 44, 52.547,
339.829

■ 47, 45.051,
338.815

■ 51, 36.666,
337.901

■ 55, 27.766,
337.062

■ 59, 18.641,
336.281

■ 63, 9.493, 335.540

■ 68, 0.459, 334.239

Harmonies

Complementary

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



39, 63.186, 342.333



60, 66.071, 145.426

Rectangle

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



39, 63.186, 342.333



39, 63.186, 32.333



39, 63.186, 162.333



39, 63.186, 212.333

Sweetspot

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



39, 63.183, 342.333



73, 27.097, 336.583



27, 81.800, 308.025



37, 18.771, 336.852



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



39, 63.183, 342.333



48, 80.681, 345.554



37, 57.393, 19.559



33, 5.159, 335.451



32, 61.169, 345.518



2, 8.845, 338.158

Inverse Universe

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



39, 63.183, 342.333



48, 80.681, 345.554



61, 40.990, 174.289



33, 5.159, 335.451



32, 61.169, 345.518



2, 8.845, 338.158

Previews

White Background



This preview shows how the CIELCh color 39, 63.186, 342.333 looks on a white background.

Color Contrast Check

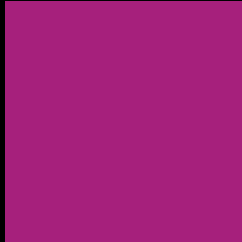
Large Text (above 18pt) WCAG AA ✓ Pass

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, 63.186, 342.333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

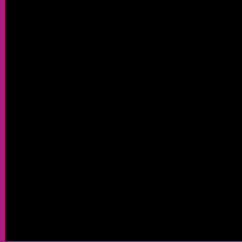
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 39, 63.186, 342.333

Background



This preview shows how black text looks on a background with the CIELCh color 39, 63.186, 342.333.

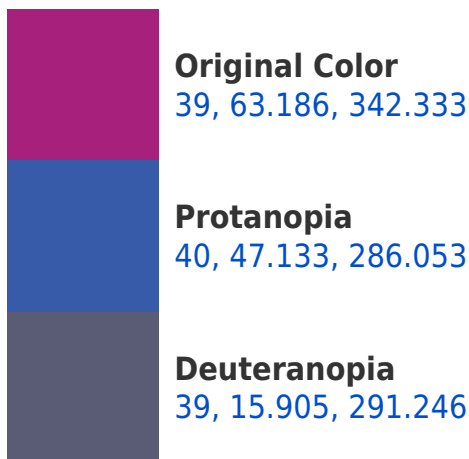


This preview shows how white text looks on a background with the CIELCh color 39, 63.186, 342.333.

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





Tritanopia
39, 48.831, 26.663

Trichromacy



Original Color
39, 63.186, 342.333

Protanomaly
36, 51.151, 305.987

Deuteranomaly
37, 35.368, 325.387

Tritanomaly
39, 50.351, 7.085

Monochromacy



Original Color
39, 63.186, 342.333

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 28.036, 337.876

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 63.186, 342.333 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(166, 32, 124)` looks like.

```
.text, #text, p{  
    color:rgb(166, 32, 124)  
}
```

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(166, 32, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 32, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 63.186, 342.333 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(166, 32, 124) }
```

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

```
.border{ border-color:rgb(166, 32, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 32, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 32, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 32, 124);  
box-shadow:4px 4px 4px 4px rgb(166, 32,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 63.186, 342.333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 32, 124) }
```

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

```
.background{ background-color: rgb(166, 32,  
124) }
```

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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