

Converting Colors

CIELCh(39, 37.161, 325.941)

Have a look what the booklet for
CIELCh(39, 37.161, 325.941)
contains.

CIELCh(39, 37.315, 326.038)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(39, 37.315, 326.038)

Conversions

Conversions Part 1

Format	Color
Hex	7D497E
RGB	125, 73, 126
RGB Percent	49%, 29%, 49%
CMY	0.5093, 0.7133, 0.5054
CMYK	0.01, 0.42, 0.00, 0.51
HSL	299°, 27%, 39%
HSV	299°, 42%, 49%
XYZ	14.6394, 10.6589, 21.0654
YIQ	94.5900, 13.9790, 27.5070

Conversions

Conversions Part 2

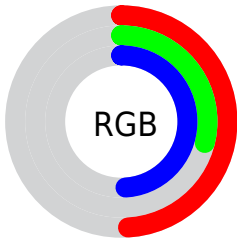
Format	Color
RYB	125, 73, 126
Decimal	8210814
CIELab	39.00, 30.95, -20.85
CIElCh	39, 37.315, 326.038
Yxy	10.6589, 0.3158, 0.2299
Android (android.graphics.Color)	4286400894 (0xFF7D497E)
YUV	94.5900, 15.4851, 26.6696
Hunter-Lab	32.6480, 22.9052, -15.4019

Details

The CIELCh color $39, 37.315, 326.038$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $48, 37.339, 140.965$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 37.454, 326.113$, and $19, 37.279, 325.605$ is the 20% darker color. If you saturate the color by 10%, you get $36, 45.445, 326.470$, and if you desaturate by 10%, it is $42, 28.662, 325.564$.

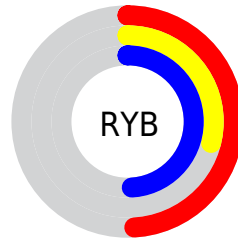
Distribution



Red (49%)

Green (29%)

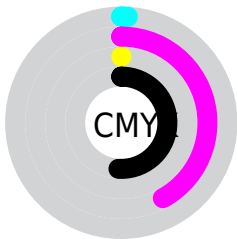
Blue (49%)



Red (49%)

Yellow (29%)

Blue (49%)

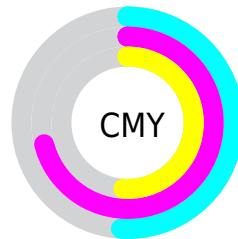


Cyan (1%)

Magenta (42%)

Yellow (0%)

Black (51%)



Cyan (51%)


Magenta (71%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 37.315, 326.038 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, 37.315, 326.038 by changing the saturation by 10% instead.


 39, 37.315,
326.038


 39, 37.315,
326.038


 100, 37.315,
326.038


 29, 37.315,
326.038


 59, 37.315,
326.038


 19, 37.315,
326.038


 69, 37.315,
326.038

 9, 37.315, 326.038

 79, 37.315,
326.038

 0, 37.315, 326.038

 89, 37.315,
326.038

 99, 37.315,
326.038

■ 39, 37.315,
326.038

■ 39, 37.315,
326.038

■ 36, 45.445,
326.470

■ 42, 28.662,
325.564

■ 34, 52.755,
326.843

■ 45, 19.742,
325.061

■ 32, 58.919,
327.139

■ 49, 10.744,
324.542

■ 30, 63.648,
327.347

■ 52, 1.802, 323.946

■ 29, 66.772,
327.460

■ 56, 6.992, 143.568

■ 29, 68.645,
327.514

■ 59, 15.584,
143.064

■ 63, 23.941,
142.590

■ 67, 32.050,
142.142

■ 70, 39.906,
141.719

Harmonies

Complementary

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



39, 37.315, 326.038



48, 37.339, 140.965

Rectangle

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



39, 37.315, 326.038



39, 37.315, 16.038



39, 37.315, 146.038



39, 37.315, 196.038

Sweetspot

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



39, 37.313, 326.038



61, 14.348, 324.609



34, 32.129, 294.365



31, 9.997, 324.707



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



39, 37.313, 326.038



47, 54.020, 326.435



38, 27.545, 345.746



25, 5.072, 324.387



29, 69.184, 327.513



0, 0.000, 0.000

Inverse Universe

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



37, 24.451, 21.975



45, 36.851, 23.603



49, 26.484, 157.977



25, 2.950, 18.349



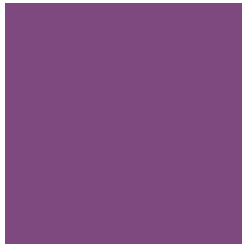
25, 60.544, 37.607



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 39, 37.315, 326.038 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, 37.315, 326.038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

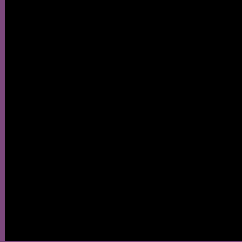
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 37.315, 326.038

Background



This preview shows how black text looks on a background with the CIELCh color 39, 37.315, 326.038.



This preview shows how white text looks on a background with the CIELCh color 39, 37.315, 326.038.

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, 37.315, 326.038

Protanopia

39, 30.137, 284.952

Deuteranopia

39, 19.663, 285.848



Tritanopia
39, 17.074, 9.821

Trichromacy



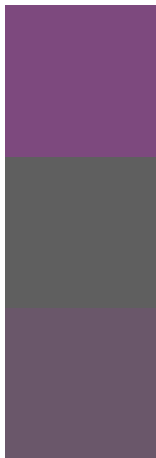
Original Color
39, 37.315, 326.038

Protanomaly
39, 31.546, 300.418

Deuteranomaly
39, 25.286, 306.423

Tritanomaly
39, 22.551, 344.894

Monochromacy



Original Color
39, 37.315, 326.038

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 13.993, 325.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 37.315, 326.038 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(125, 73, 126)` looks like.

```
.text, #text, p{  
    color:rgb(125, 73, 126)  
}
```

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(125, 73, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 73, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 37.315, 326.038 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(125, 73, 126) }
```

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

```
.border{ border-color:rgb(125, 73, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 73, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 73, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 73, 126);  
box-shadow:4px 4px 4px 4px rgb(125, 73,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 37.315, 326.038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 73, 126) }
```

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

```
.background{ background-color: rgb(125, 73,  
126) }
```

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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