

Converting Colors

CIELCh(39, 21.607, 336.342)

Have a look what the booklet for
CIELCh(39, 21.607, 336.342)
contains.

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Color

CIELCh(39, 21.125, 336.638)

Conversions

Conversions Part 1

Format	Color
Hex	75516A
RGB	117, 81, 106
RGB Percent	46%, 32%, 42%
CMY	0.5420, 0.6831, 0.5851
CMYK	0.00, 0.31, 0.09, 0.54
HSL	318°, 18%, 39%
HSV	318°, 31%, 46%
XYZ	12.8262, 10.6589, 14.9612
YIQ	94.6140, 13.4310, 15.4070

Conversions

Conversions Part 2

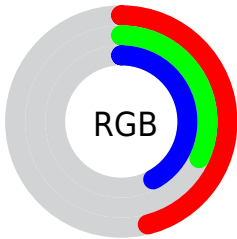
Format	Color
R_{YB}	117, 81, 106
Decimal	7688554
CIE Lab	39.00, 19.39, -8.38
CIE LCh	39, 21.125, 336.638
Yxy	10.6589, 0.3336, 0.2772
Android (android.graphics.Color)	4285878634 (0xFF75516A)
YUV	94.6140, 5.6133, 19.6325
Hunter-Lab	32.6480, 12.9919, -4.3164

Details

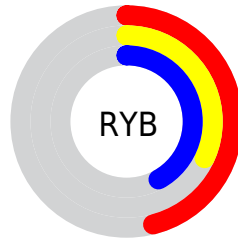
The CIELCh color $39, 21.125, 336.638$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $46, 20.892, 152.139$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 20.965, 337.317$, and $19, 21.534, 336.333$ is the 20% darker color. If you saturate the color by 10%, you get $36, 27.844, 337.433$, and if you desaturate by 10%, it is $42, 14.248, 335.895$.

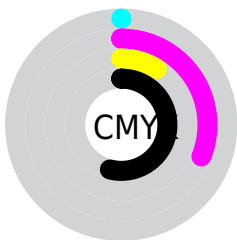
Distribution



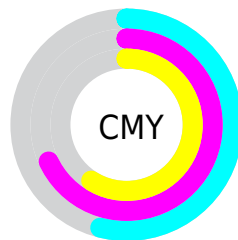
- Red (46%)
- Green (32%)
- Blue (42%)



- Red (46%)
- Yellow (32%)
- Blue (42%)



- Cyan (0%)
- Magenta (31%)
- Yellow (9%)
- Black (54%)




- Cyan (54%)
- Magenta (68%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 21.125, 336.638 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, 21.125, 336.638 by changing the saturation by 10% instead.


 39, 21.125,
336.638


 39, 21.125,
336.638

 100, 21.125,
336.638

 29, 21.125,
336.638

 59, 21.125,
336.638

 19, 21.125,
336.638


 69, 21.125,
336.638

 9, 21.125, 336.638

 79, 21.125,
336.638

 0, 21.125, 336.638

 89, 21.125,
336.638

 99, 21.125,
336.638

■ 39, 21.125,
336.638

■ 39, 21.125,
336.638

■ 36, 27.844,
337.433

■ 42, 14.248,
335.895

■ 33, 34.212,
338.292

■ 45, 7.359, 335.185

■ 49, 0.552, 334.147

■ 31, 39.970,
339.235

■ 52, 6.116, 153.983

■ 29, 44.821,
340.295

■ 56, 12.612,
153.382

■ 27, 48.469,
341.517

■ 59, 18.920,
152.826

■ 26, 50.701,
342.962

■ 63, 25.038,
152.304

■ 25, 52.066,
344.404

■ 66, 30.968,
151.814

■ 70, 36.718,
151.352

Harmonies

Complementary

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



39, 21.125, 336.638



46, 20.892, 152.139

Rectangle

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



39, 21.125, 336.638



39, 21.125, 26.638



39, 21.125, 156.638



39, 21.125, 206.638

Sweetspot

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



39, 21.123, 336.639



59, 7.634, 335.074



37, 22.752, 303.788



30, 5.278, 335.157



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



39, 21.123, 336.639



48, 31.560, 337.201



38, 16.331, 6.496



23, 3.840, 335.061



26, 53.795, 344.510



55, 90.268, 345.720

Inverse Universe

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



39, 21.123, 336.639



48, 31.560, 337.201



46, 14.457, 180.534



23, 3.840, 335.061



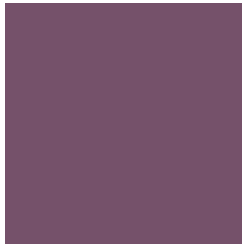
26, 53.795, 344.510



55, 90.268, 345.720

Previews

White Background



This preview shows how the CIE LCh color 39, 21.125, 336.638 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, 21.125, 336.638 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, 21.125, 336.638

Background



This preview shows how black text looks on a background with the CIELCh color 39, 21.125, 336.638.



This preview shows how white text looks on a background with the CIELCh color 39, 21.125, 336.638.

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, 21.125, 336.638

Protanopia

39, 13.523, 285.829

Deuteranopia

39, 8.847, 304.622



Tritanopia
39, 13.972, 6.466

Trichromacy



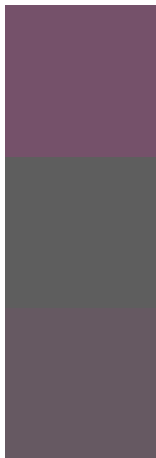
Original Color
39, 21.125, 336.638

Protanomaly
39, 14.840, 309.251

Deuteranomaly
39, 12.850, 322.163

Tritanomaly
39, 16.075, 352.537

Monochromacy



Original Color
39, 21.125, 336.638

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 7.758, 335.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 21.125, 336.638 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(117, 81, 106)` looks like.

```
.text, #text, p{  
    color:rgb(117, 81, 106)  
}
```

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(117, 81, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 81, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 21.125, 336.638 is called "border". The border property can be set on classes, ids or directly on the HTML element.

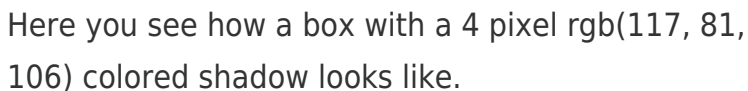
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 81, 106) }
```

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

```
.border{ border-color:rgb(117, 81, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 81, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 81, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 81, 106); box-shadow:4px 4px 4px 4px rgb(117, 81, 106) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 21.125, 336.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 81, 106) }
```

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

```
.background{ background-color: rgb(117, 81,  
106) }
```

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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