

Converting Colors

CIELCh(39, 35.655, 324.097)

Have a look what the booklet for
CIELCh(39, 35.655, 324.097)
contains.

CIELCh(39, 35.489, 324.203)	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, 35.489, 324.203)

Conversions

Conversions Part 1

Format	Color
Hex	7A4B7E
RGB	122, 75, 126
RGB Percent	48%, 29%, 49%
CMY	0.5219, 0.7061, 0.5062
CMYK	0.03, 0.40, 0.00, 0.51
HSL	295°, 25%, 39%
HSV	295°, 40%, 49%
XYZ	14.2875, 10.6589, 21.0175
YIQ	94.8670, 11.6410, 25.8250

Conversions

Conversions Part 2

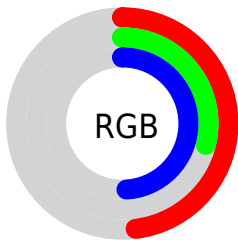
Format	Color
R_{YB}	122, 75, 126
Decimal	8014718
CIE _{Lab}	39.00, 28.78, -20.76
CIE _{LCh}	39, 35.489, 324.203
Yxy	10.6589, 0.3108, 0.2319
Android (android.graphics.Color)	4286204798 (0xFF7A4B7E)
YUV	94.8670, 15.3486, 23.7956
Hunter-Lab	32.6480, 20.9817, -15.3150

Details

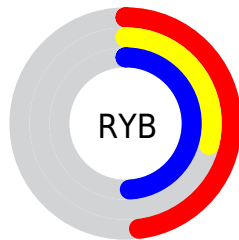
The CIELCh color $39, 35.489, 324.203$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $48, 35.329, 139.737$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 35.444, 323.913$, and $19, 35.872, 324.189$ is the 20% darker color. If you saturate the color by 10%, you get $36, 43.710, 324.605$, and if you desaturate by 10%, it is $42, 26.852, 323.757$.

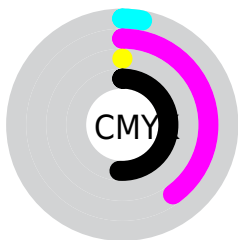
Distribution



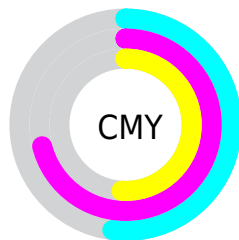
- Red (48%)
- Green (29%)
- Blue (49%)



- Red (48%)
- Yellow (29%)
- Blue (49%)



- Cyan (3%)
- Magenta (40%)
- Yellow (0%)
- Black (51%)





- Cyan (52%)
- Magenta (71%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 35.489, 324.203 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, 35.489, 324.203 by changing the saturation by 10% instead.


 39, 35.489,
324.203


 39, 35.489,
324.203

 100, 35.489,
324.203


 29, 35.489,
324.203

 59, 35.489,
324.203


 19, 35.489,
324.203


 69, 35.489,
324.203

 9, 35.489, 324.203

 79, 35.489,
324.203

 0, 35.489, 324.203

 89, 35.489,
324.203

 99, 35.489,
324.203

39, 35.489,
324.203

39, 35.489,
324.203

36, 43.710,
324.605

42, 26.852,
323.757

33, 51.233,
324.942

46, 18.031,
323.286

31, 57.725,
325.190

49, 9.188, 322.798

29, 62.865,
325.327

53, 0.436, 321.949

56, 8.152, 141.897

28, 66.417,
325.336

60, 16.533,
141.439

27, 68.828,
325.271

64, 24.684,
141.010

67, 32.595,
140.606

■ 71, 40.267,
140.228

Harmonies

Complementary

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



39, 35.489, 324.203



48, 35.329, 139.737

Rectangle

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



39, 35.489, 324.203



39, 35.489, 14.203



39, 35.489, 144.203



39, 35.489, 194.203

Sweetspot

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



39, 35.487, 324.203



62, 13.001, 322.887



35, 29.125, 292.049



31, 8.585, 322.935



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, 35.487, 324.203



47, 52.466, 324.592



39, 27.348, 342.845



25, 4.980, 322.729



28, 69.447, 325.267



0, 0.000, 0.000

Inverse Universe

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



38, 23.198, 17.249



45, 35.493, 19.008



49, 26.591, 155.791



25, 2.963, 13.524



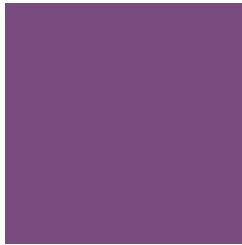
25, 58.844, 35.171



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 39, 35.489, 324.203 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, 35.489, 324.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

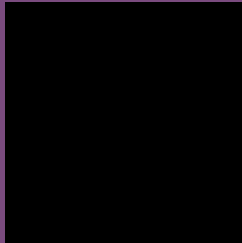
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 35.489, 324.203

Background



This preview shows how black text looks on a background with the CIELCh color 39, 35.489, 324.203.



This preview shows how white text looks on a background with the CIELCh color 39, 35.489, 324.203.

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, 35.489, 324.203

Protanopia

39, 29.508, 285.191

Deuteranopia

39, 19.663, 285.848



Tritanopia
39, 15.296, 8.041

Trichromacy



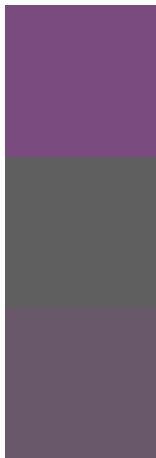
Original Color
39, 35.489, 324.203

Protanomaly
39, 30.263, 299.858

Deuteranomaly
39, 24.511, 304.972

Tritanomaly
39, 20.923, 343.060

Monochromacy



Original Color
39, 35.489, 324.203

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 13.035, 323.753

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 35.489, 324.203 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(122, 75, 126)` looks like.

```
.text, #text, p{  
    color:rgb(122, 75, 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(122, 75, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 75, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 35.489, 324.203 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(122, 75, 126) }
```

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

```
.border{ border-color:rgb(122, 75, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 75, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 75, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 75, 126);  
box-shadow:4px 4px 4px 4px rgb(122, 75,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 35.489, 324.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 75, 126) }
```

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

```
.background{ background-color: rgb(122, 75,  
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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