

Converting Colors

CIELCh(39, 39.628, 308.481)

Have a look what the booklet for
CIELCh(39, 39.628, 308.481)
contains.

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Color

CIELCh(39, 40.200, 308.305)

Conversions

Conversions Part 1

Format	Color
Hex	694F8F
RGB	105, 79, 143
RGB Percent	41%, 31%, 56%
CMY	0.5868, 0.6889, 0.4378
CMYK	0.27, 0.45, 0.00, 0.44
HSL	264°, 29%, 44%
HSV	264°, 45%, 56%
XYZ	13.6731, 10.6589, 27.4687
YIQ	94.0700, -5.0480, 25.4160

Conversions

Conversions Part 2

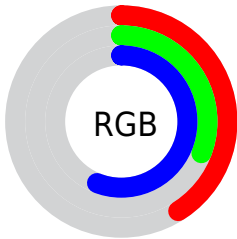
Format	Color
R _Y B	105, 79, 143
Decimal	6901647
CIE Lab	39.00, 24.92, -31.55
CIE LCh	39, 40.200, 308.305
Yxy	10.6589, 0.2640, 0.2058
Android (android.graphics.Color)	4285091727 (0xFF694F8F)
YUV	94.0700, 24.1225, 9.5856
Hunter-Lab	32.6480, 17.6223, -27.0304

Details

The CIELCh color $39, 40.200, 308.305$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $56, 37.191, 123.568$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 39.919, 308.356$, and $19, 39.777, 308.066$ is the 20% darker color. If you saturate the color by 10%, you get $35, 49.593, 308.965$, and if you desaturate by 10%, it is $44, 30.834, 307.652$.

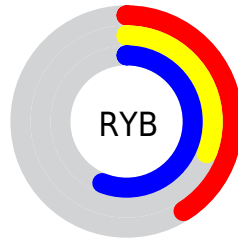
Distribution



Red (41%)

Green (31%)

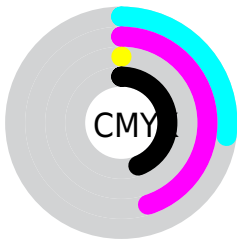
Blue (56%)



Red (41%)

Yellow (31%)

Blue (56%)

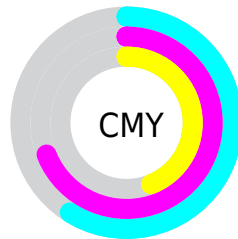


Cyan (27%)

Magenta (45%)

Yellow (0%)

Black (44%)



Cyan (59%)


Magenta (69%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 40.200, 308.305 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, 40.200, 308.305 by changing the saturation by 10% instead.


 39, 40.200,
308.305


 39, 40.200,
308.305

 100, 40.200,
308.305


 29, 40.200,
308.305

 59, 40.200,
308.305


 19, 40.200,
308.305


 69, 40.200,
308.305

 9, 40.200, 308.305

 79, 40.200,
308.305

 0, 40.200, 308.305

 89, 40.200,
308.305

 99, 40.200,
308.305

■ 39, 40.200,
308.305

■ 39, 40.200,
308.305

■ 35, 49.593,
308.965

■ 44, 30.834,
307.652

■ 30, 58.770,
309.583

■ 48, 21.635,
307.033

■ 27, 67.319,
310.078

■ 53, 12.671,
306.462

■ 23, 74.638,
310.339

■ 57, 3.971, 305.938

■ 21, 80.059,
310.243

■ 62, 4.455, 125.513

■ 20, 82.685,
310.201

■ 67, 12.611,
125.100

■ 71, 20.506,
124.744

■ 76, 28.152,
124.435

■ 80, 35.562,
124.167

Harmonies

Complementary

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



39, 40.200, 308.305



56, 37.191, 123.568

Rectangle

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



39, 40.200, 308.305



39, 40.200, 358.305



39, 40.200, 128.305



39, 40.200, 178.305

Sweetspot

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



39, 40.199, 308.305



68, 13.871, 306.387



48, 19.236, 250.835



35, 9.813, 306.497



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, 40.199, 308.305



45, 60.639, 308.996



43, 43.135, 323.749



28, 4.823, 306.171



18, 79.162, 310.260



0, 3.214, 305.732

Inverse Universe

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



42, 33.622, 342.801



51, 49.435, 344.023



54, 42.867, 138.844



28, 4.214, 339.567



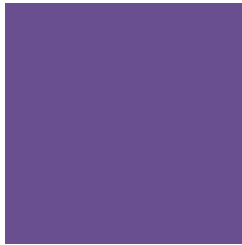
29, 54.619, 352.566



1, 2.821, 338.930

Previews

White Background



This preview shows how the CIE LCh color 39, 40.200, 308.305 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, 40.200, 308.305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

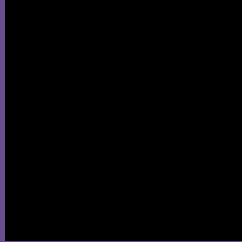
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 40.200, 308.305

Background



This preview shows how black text looks on a background with the CIELCh color 39, 40.200, 308.305.



This preview shows how white text looks on a background with the CIELCh color 39, 40.200, 308.305.

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, 40.200, 308.305

Protanopia

39, 38.711, 285.732

Deuteranopia

39, 30.455, 280.680



Tritanopia
39, 5.211, 324.780

Trichromacy



Original Color
39, 40.200, 308.305

Protanomaly
39, 38.548, 293.126

Deuteranomaly
39, 33.677, 292.459

Tritanomaly
39, 18.106, 310.173

Monochromacy



Original Color
39, 40.200, 308.305

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 14.578, 306.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 40.200, 308.305 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(105, 79, 143)` looks like.

```
.text, #text, p{  
    color:rgb(105, 79, 143)  
}
```

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(105, 79, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 79, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 40.200, 308.305 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(105, 79, 143) }
```

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

```
.border{ border-color:rgb(105, 79, 143) }
```

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

Here you see how a box with a 4 pixel rgb(105, 79, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 79, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 79, 143);  
box-shadow:4px 4px 4px 4px rgb(105, 79,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 40.200, 308.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 79, 143) }
```

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

```
.background{ background-color: rgb(105, 79,  
143) }
```

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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