

Converting Colors

CIELCh(39, 34.330, 304.576)

Have a look what the booklet for
CIELCh(39, 34.330, 304.576)
contains.

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Color

CIELCh(39, 34.238, 304.274)

Conversions

Conversions Part 1

Format	Color
Hex	63538A
RGB	99, 83, 138
RGB Percent	39%, 33%, 54%
CMY	0.6120, 0.6747, 0.4591
CMYK	0.28, 0.40, 0.00, 0.46
HSL	257°, 25%, 43%
HSV	257°, 40%, 54%
XYZ	12.8094, 10.6589, 25.4015
YIQ	94.0540, -8.1190, 20.4970

Conversions

Conversions Part 2

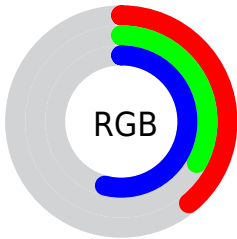
Format	Color
R_{YB}	99, 83, 138
Decimal	6509450
CIE _{Lab}	39.00, 19.28, -28.29
CIE _{LCh}	39, 34.238, 304.274
Yxy	10.6589, 0.2621, 0.2181
Android (android.graphics.Color)	4284699530 (0xFF63538A)
YUV	94.0540, 21.6654, 4.3376
Hunter-Lab	32.6480, 12.9001, -23.2764

Details

The CIELCh color `39, 34.238, 304.274` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `55, 31.553, 119.197`, and the grayscale version is `40, 0.006, 296.813`.

A 20% lighter version of the original color is `59, 34.151, 304.056`, and `19, 34.320, 304.122` is the 20% darker color. If you saturate the color by 10%, you get `34, 43.431, 305.169`, and if you desaturate by 10%, it is `44, 25.241, 303.445`.

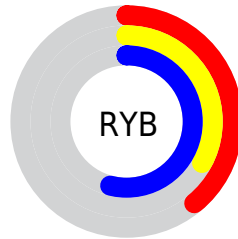
Distribution



Red (39%)

Green (33%)

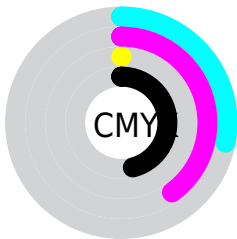
Blue (54%)



Red (39%)

Yellow (33%)

Blue (54%)

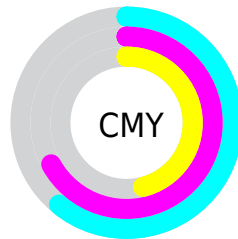


Cyan (28%)

Magenta (40%)

Yellow (0%)

Black (46%)



Cyan (61%)


Magenta (67%)

Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 34.238, 304.274 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, 34.238, 304.274 by changing the saturation by 10% instead.

 39, 34.238,
304.274


 39, 34.238,
304.274

 100, 34.238,
304.274


 29, 34.238,
304.274

 59, 34.238,
304.274

 19, 34.238,
304.274

 69, 34.238,
304.274

 9, 34.238, 304.274

 79, 34.238,
304.274

 0, 34.238, 304.274

 89, 34.238,
304.274

 99, 34.238,
304.274

■ 39, 34.238,
304.274

■ 39, 34.238,
304.274

■ 34, 43.431,
305.169

■ 44, 25.241,
303.445

■ 30, 52.677,
306.096

■ 48, 16.508,
302.697

■ 26, 61.686,
306.988

■ 53, 8.061, 302.030

■ 22, 69.953,
307.734

■ 58, 0.097, 121.803

■ 62, 7.976, 120.945

■ 19, 76.720,
308.177

■ 67, 15.587,
120.499

■ 17, 82.048,
308.418

■ 71, 22.946,
120.115

■ 17, 82.121,
308.424

■ 76, 30.068,
119.782

■ 80, 36.966,
119.496

Harmonies

Complementary

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



39, 34.238, 304.274



55, 31.553, 119.197

Rectangle

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



39, 34.238, 304.274



39, 34.238, 354.274



39, 34.238, 124.274



39, 34.238, 174.274

Sweetspot

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



39, 34.237, 304.274



66, 12.146, 302.182



49, 15.981, 233.448



33, 8.040, 302.252



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



39, 34.237, 304.274



45, 51.542, 305.092



42, 36.584, 319.985



27, 4.597, 301.986



16, 79.771, 308.459



0, 2.103, 301.456

Inverse Universe

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



43, 31.492, 336.762



51, 46.241, 337.532



53, 35.912, 136.216



27, 4.438, 334.482



29, 57.433, 343.650



0, 2.045, 333.917

Previews

White Background



This preview shows how the CIE LCh color 39, 34.238, 304.274 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, 34.238, 304.274 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, 34.238, 304.274

Background



This preview shows how black text looks on a background with the CIELCh color 39, 34.238, 304.274.

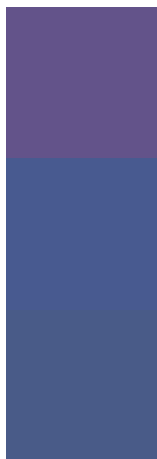


This preview shows how white text looks on a background with the CIELCh color 39, 34.238, 304.274.

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, 34.238, 304.274

Protanopia

39, 33.217, 285.561

Deuteranopia

39, 27.871, 282.363



Tritanopia
39, 4.906, 290.950

Trichromacy



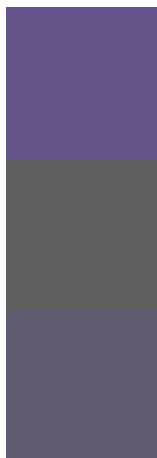
Original Color
39, 34.238, 304.274

Protanomaly
39, 33.677, 292.459

Deuteranomaly
39, 30.022, 290.904

Tritanomaly
39, 15.575, 301.036

Monochromacy



Original Color
39, 34.238, 304.274

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 12.514, 302.876

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 34.238, 304.274 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(99, 83, 138)` looks like.

```
.text, #text, p{  
    color:rgb(99, 83, 138)  
}
```

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(99, 83, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 83, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 34.238, 304.274 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(99, 83, 138) }
```

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

```
.border{ border-color:rgb(99, 83, 138) }
```

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

Here you see how a box with a 4 pixel rgb(99, 83, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 83, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 83, 138);  
box-shadow:4px 4px 4px 4px rgb(99, 83,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 34.238, 304.274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 83, 138) }
```

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

```
.background{ background-color: rgb(99, 83,  
138) }
```

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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