

Converting Colors

CIELCh(39, 21.757, 302.159)

Have a look what the booklet for
CIELCh(39, 21.757, 302.159)
contains.

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Color

CIELCh(39, 21.798, 302.177)

Conversions

Conversions Part 1

Format	Color
Hex	60577A
RGB	96, 87, 122
RGB Percent	38%, 34%, 48%
CMY	0.6243, 0.6596, 0.5224
CMYK	0.21, 0.29, 0.00, 0.52
HSL	255°, 17%, 41%
HSV	255°, 29%, 48%
XYZ	11.6933, 10.6589, 19.7834
YIQ	93.6810, -5.8710, 12.7930

Conversions

Conversions Part 2

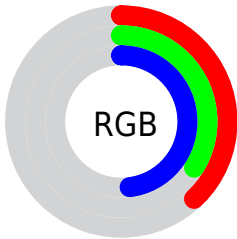
Format	Color
R_{YB}	96, 87, 122
Decimal	6313850
CIE _{Lab}	39.00, 11.61, -18.45
CIE _{LCh}	39, 21.798, 302.177
Yxy	10.6589, 0.2775, 0.2530
Android (android.graphics.Color)	4284503930 (0xFF60577A)
YUV	93.6810, 13.9613, 2.0338
Hunter-Lab	32.6480, 6.7978, -13.0738

Details

The CIELCh color $39, 21.798, 302.177$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $50, 20.581, 118.471$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 21.932, 301.888$, and $19, 21.465, 302.147$ is the 20% darker color. If you saturate the color by 10%, you get $35, 29.884, 303.049$, and if you desaturate by 10%, it is $43, 13.964, 301.396$.

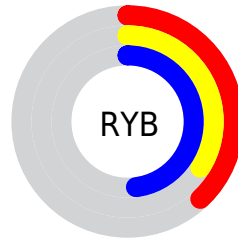
Distribution



Red (38%)

Green (34%)

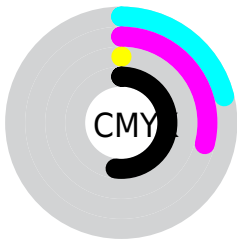
Blue (48%)



Red (38%)

Yellow (34%)

Blue (48%)

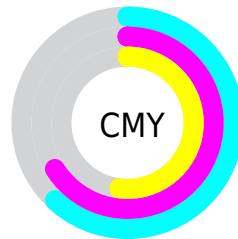


Cyan (21%)

Magenta (29%)

Yellow (0%)

Black (52%)



Cyan (62%)

Magenta (66%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 21.798, 302.177 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, 21.798, 302.177 by changing the saturation by 10% instead.

■ 39, 21.798,
302.177

■ 39, 21.798,
302.177

■ 100, 21.798,
302.177

■ 29, 21.798,
302.177

■ 59, 21.798,
302.177

■ 19, 21.798,
302.177

■ 69, 21.798,
302.177

■ 9, 21.798, 302.177

■ 79, 21.798,
302.177

■ 0, 21.798, 302.177

■ 89, 21.798,
302.177

■ 99, 21.798,
302.177

■ 39, 21.798,
302.177

■ 39, 21.798,
302.177

■ 35, 29.884,
303.049

■ 43, 13.964,
301.396

■ 31, 38.181,
304.003

■ 47, 6.396, 300.705

■ 52, 0.909, 120.131

■ 27, 46.582,
305.012

■ 56, 7.962, 119.583

■ 23, 54.869,
306.017

■ 60, 14.777,
119.125

■ 19, 62.631,
306.916

■ 64, 21.366,
118.730

■ 16, 69.221,
307.555


■ 68, 27.744,
118.388

■ 14, 74.631,
308.021

■ 72, 33.923,
118.092

■ 14, 75.370,

308.115

 76, 39.916,
117.838

Harmonies

Complementary

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



39, 21.798, 302.177



50, 20.581, 118.471

Rectangle

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



39, 21.798, 302.177



39, 21.798, 352.177



39, 21.798, 122.177



39, 21.798, 172.177

Sweetspot

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



39, 21.797, 302.177



60, 8.174, 300.737



46, 10.822, 227.367



30, 5.660, 300.816



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



39, 21.797, 302.177



47, 32.274, 302.698



41, 23.603, 318.479



23, 4.148, 300.728



14, 76.796, 308.092



34, 130.048, 307.659

Inverse Universe

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



41, 21.079, 334.475



51, 30.834, 334.911



48, 23.218, 135.943



24, 4.120, 333.138



27, 56.326, 341.269



56, 93.942, 342.176

Previews

White Background



This preview shows how the CIELCh color 39, 21.798, 302.177 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, 21.798, 302.177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

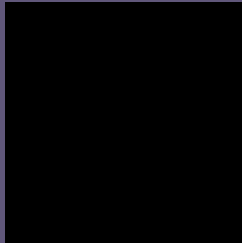
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 21.798, 302.177

Background



This preview shows how black text looks on a background with the CIELCh color 39, 21.798, 302.177.



This preview shows how white text looks on a background with the CIELCh color 39, 21.798, 302.177.

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, 21.798, 302.177

Protanopia
39, 20.939, 284.653

Deuteranopia
39, 19.035, 287.635



Tritanopia
39, 4.318, 296.299

Trichromacy



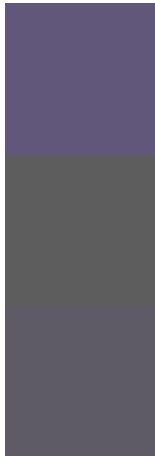
Original Color
39, 21.798, 302.177

Protanomaly
39, 21.456, 291.525

Deuteranomaly
39, 19.628, 293.162

Tritanomaly
39, 11.196, 299.983

Monochromacy



Original Color
39, 21.798, 302.177

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 7.468, 300.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 21.798, 302.177 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(96, 87, 122)` looks like.

```
.text, #text, p{  
    color:rgb(96, 87, 122)  
}
```

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(96, 87, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 87, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 21.798, 302.177 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(96, 87, 122) }
```

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

```
.border{ border-color:rgb(96, 87, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 87, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 87, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 87, 122);  
box-shadow:4px 4px 4px 4px rgb(96, 87,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 21.798, 302.177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 87, 122) }
```

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

```
.background{ background-color: rgb(96, 87,  
122) }
```

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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