

Converting Colors

CIELCh(39, 17.924, 286.122)

Have a look what the booklet for
CIELCh(39, 17.924, 286.122)
contains.

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Color

CIELCh(39, 18.429, 287.340)

Conversions

Conversions Part 1

Format	Color
Hex	555A78
RGB	85, 90, 120
RGB Percent	33%, 35%, 47%
CMY	0.6657, 0.6461, 0.5284
CMYK	0.29, 0.25, 0.00, 0.53
HSL	231°, 17%, 40%
HSV	231°, 29%, 47%
XYZ	10.8516, 10.6589, 19.3370
YIQ	91.9250, -12.6100, 8.2700

Conversions

Conversions Part 2

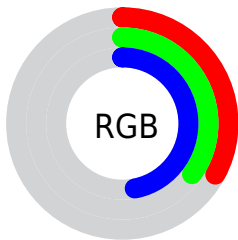
Format	Color
R_{YB}	85, 89, 120
Decimal	5593720
CIE _{Lab}	39.00, 5.49, -17.59
CIE _{LCh}	39, 18.429, 287.340
Yxy	10.6589, 0.2657, 0.2609
Android (android.graphics.Color)	4283783800 (0xFF555A78)
YUV	91.9250, 13.8410, -6.0732
Hunter-Lab	32.6480, 2.1961, -12.2631

Details


The CIELCh color $39, 18.429, 287.340$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $48, 17.634, 100.567$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 18.197, 286.696$, and $19, 17.901, 286.164$ is the 20% darker color. If you saturate the color by 10%, you get $35, 25.186, 289.030$, and if you desaturate by 10%, it is $43, 11.901, 285.886$.

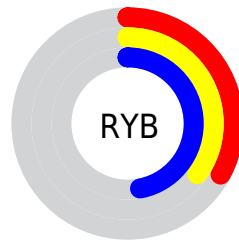
Distribution




 Red (33%)

 Green (35%)

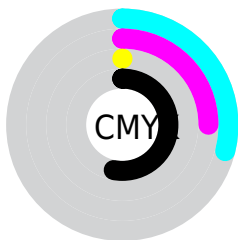
 Blue (47%)




 Red (33%)

 Yellow (35%)

 Blue (47%)

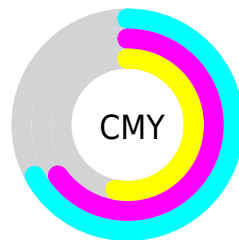


 Cyan (29%)


 Magenta (25%)

 Yellow (0%)

 Black (53%)



 Cyan (67%)

 Magenta (65%)

 Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 18.429, 287.340 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, 18.429, 287.340 by changing the saturation by 10% instead.

■ 39, 18.429,
287.340

■ 39, 18.429,
287.340

■ 100, 18.429,
287.340

■ 29, 18.429,
287.340

■ 59, 18.429,
287.340

■ 19, 18.429,
287.340

■ 69, 18.429,
287.340

■ 9, 18.429, 287.340

■ 79, 18.429,
287.340

■ 0, 18.429, 287.340

■ 89, 18.429,
287.340

■ 99, 18.429,
287.340

■ 39, 18.429,
287.340

■ 39, 18.429,
287.340

■ 35, 25.186,
289.030

■ 43, 11.901,
285.886

■ 31, 32.192,
290.982

■ 47, 5.587, 284.642

■ 27, 39.452,
293.204

■ 51, 0.530, 103.383

■ 55, 6.463, 102.603

■ 24, 46.934,
295.669

■ 59, 12.225,
101.801

■ 20, 54.506,
298.285

■ 63, 17.824,
101.097

■ 17, 61.845,
300.878

■ 66, 23.268,
100.478

■ 14, 68.415,
303.081

■ 70, 28.566, 99.933

■ 14, 68.946,

■ 74, 33.724, 99.448

Harmonies

Complementary

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



39, 18.429, 287.340



48, 17.634, 100.567

Rectangle

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



39, 18.429, 287.340



39, 18.429, 337.340



39, 18.429, 107.340



39, 18.429, 157.340

Sweetspot

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



39, 18.428, 287.339



60, 6.815, 284.654



48, 13.667, 184.750



31, 4.781, 284.795



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, 18.428, 287.339



47, 27.666, 288.451



39, 22.082, 305.364



24, 3.504, 284.639



15, 71.088, 303.330



35, 124.311, 304.438

Inverse Universe

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



40, 15.599, 10.640



49, 23.528, 11.588



49, 20.974, 122.169



24, 2.899, 8.405



25, 55.859, 31.565



53, 96.827, 34.409

Previews

White Background



This preview shows how the CIELCh color 39, 18.429, 287.340 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, 18.429, 287.340 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, 18.429, 287.340

Background



This preview shows how black text looks on a background with the CIELCh color 39, 18.429, 287.340.

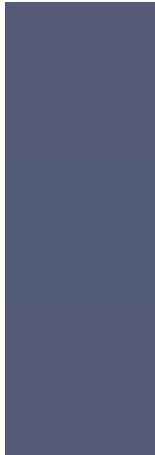


This preview shows how white text looks on a background with the CIELCh color 39, 18.429, 287.340.

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

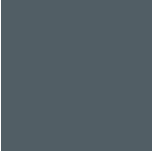
39, 18.429, 287.340

Protanopia

39, 18.460, 285.118

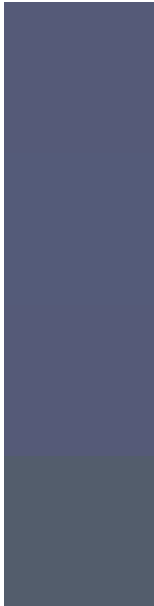
Deuteranopia

39, 18.429, 287.340



Tritanopia
39, 6.576, 239.760

Trichromacy



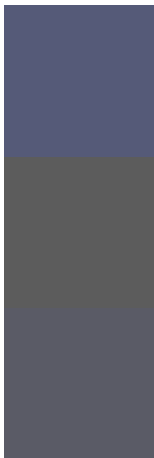
Original Color
39, 18.429, 287.340

Protanomaly
39, 18.460, 285.118

Deuteranomaly
39, 18.429, 287.340

Tritanomaly
39, 9.837, 268.664

Monochromacy



Original Color
39, 18.429, 287.340

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 6.748, 287.827

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 18.429, 287.340 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(85, 90, 120)` looks like.

```
.text, #text, p{  
    color:rgb(85, 90, 120)  
}
```

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(85, 90, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 90, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 18.429, 287.340 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(85, 90, 120) }
```

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

```
.border{ border-color:rgb(85, 90, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 90, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 90, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 90, 120);  
box-shadow:4px 4px 4px 4px rgb(85, 90,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 18.429, 287.340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 90, 120) }
```

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

```
.background{ background-color: rgb(85, 90,  
120) }
```

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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