

Converting Colors

CIELCh(39, 18.106, 310.173)

Have a look what the booklet for
CIELCh(39, 18.106, 310.173)
contains.

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Color

CIELCh(39, 18.106, 310.173)

Conversions

Conversions Part 1

Format	Color
Hex	645672
RGB	100, 86, 114
RGB Percent	39%, 34%, 45%
CMY	0.6065, 0.6615, 0.5516
CMYK	0.12, 0.25, 0.00, 0.55
HSL	270°, 14%, 39%
HSV	270°, 25%, 45%
XYZ	11.7034, 10.6589, 17.4626
YIQ	93.3780, -0.6440, 11.6760

Conversions

Conversions Part 2

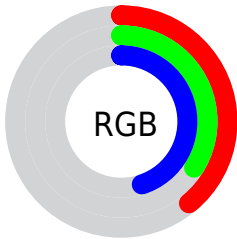
Format	Color
R_{YB}	100, 86, 114
Decimal	6575730
CIE _{Lab}	39.00, 11.68, -13.83
CIE _{LCh}	39, 18.106, 310.173
Yxy	10.6589, 0.2939, 0.2676
Android (android.graphics.Color)	4284765810 (0xFF645672)
YUV	93.3780, 10.1666, 5.8075
Hunter-Lab	32.6480, 6.8533, -8.8590




Details

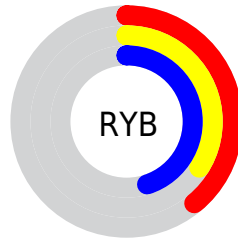
The CIELCh color **39, 18.106, 310.173** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **46, 17.536, 128.005**, and the grayscale version is **40, 0.006, 296.813**.




A 20% lighter version of the original color is **59, 17.987, 309.888**, and **19, 17.919, 310.051** is the 20% darker color. If you saturate the color by 10%, you get **35, 25.784, 310.679**, and if you desaturate by 10%, it is **43, 10.579, 309.691**.

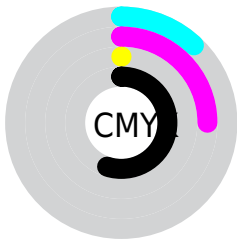
Distribution







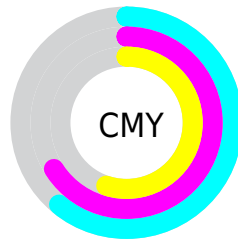
-  Red (39%)
-  Green (34%)
-  Blue (45%)






-  Red (39%)
-  Yellow (34%)
-  Blue (45%)



-  Cyan (12%)
-  Magenta (25%)
-  Yellow (0%)
-  Black (55%)





-  Cyan (61%)
-  Magenta (66%)
-  Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 18.106, 310.173 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, 18.106, 310.173 by changing the saturation by 10% instead.


 39, 18.106,
310.173


 39, 18.106,
310.173

 100, 18.106,
310.173


 29, 18.106,
310.173

 59, 18.106,
310.173


 19, 18.106,
310.173


 69, 18.106,
310.173

 9, 18.106, 310.173

 79, 18.106,
310.173

 0, 18.106, 310.173

 89, 18.106,
310.173

 99, 18.106,
310.173

■ 39, 18.106,
310.173

■ 39, 18.106,
310.173

■ 35, 25.784,
310.679

■ 43, 10.579,
309.691

■ 32, 33.546,
311.197

■ 46, 3.242, 309.233

■ 28, 41.268,
311.699

■ 50, 3.889, 128.875

■ 25, 48.744,
312.141

■ 54, 10.810,
128.501

■ 22, 55.662,
312.460

■ 58, 17.524,
128.176

■ 19, 61.595,
312.570

■ 61, 24.038,
127.890


■ 17, 66.191,
312.409

■ 65, 30.359,
127.639

■ 16, 68.729,

■ 69, 36.498,
127.420

312.383

 72, 42.465,
127.229

Harmonies

Complementary

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



39, 18.106, 310.173



46, 17.536, 128.005

Rectangle

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



39, 18.106, 310.173



39, 18.106, 0.173



39, 18.106, 130.173



39, 18.106, 180.173

Sweetspot

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



39, 18.105, 310.172



58, 6.245, 309.356



42, 9.838, 258.863



29, 4.034, 309.373



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



39, 18.105, 310.172



48, 26.624, 310.435



40, 20.373, 325.704



21, 4.010, 309.438



17, 71.115, 312.325



40, 122.175, 311.694

Inverse Universe

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



40, 14.495, 345.726



49, 21.245, 346.251



45, 20.364, 142.909



22, 3.228, 344.312



25, 48.658, 0.266



53, 82.706, 2.871

Previews

White Background



This preview shows how the CIE LCh color 39, 18.106, 310.173 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, 18.106, 310.173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

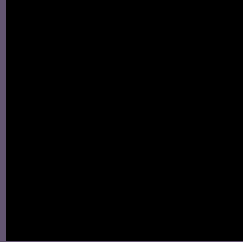
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 18.106, 310.173

Background



This preview shows how black text looks on a background with the CIELCh color 39, 18.106, 310.173.



This preview shows how white text looks on a background with the CIELCh color 39, 18.106, 310.173.

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, 18.106, 310.173

Protanopia

39, 16.616, 285.091

Deuteranopia

39, 14.715, 292.433



Tritanopia
39, 5.211, 324.780

Trichromacy



Original Color
39, 18.106, 310.173

Protanomaly
39, 17.214, 295.292

Deuteranomaly
39, 15.492, 299.609

Tritanomaly
39, 9.373, 314.420

Monochromacy



Original Color
39, 18.106, 310.173

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 6.481, 309.471

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 18.106, 310.173 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(100, 86, 114)` looks like.

```
.text, #text, p{  
    color:rgb(100, 86, 114)  
}
```

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(100, 86, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 86, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 18.106, 310.173 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(100, 86, 114) }
```

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

```
.border{ border-color:rgb(100, 86, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 86, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 86, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 86, 114);  
box-shadow:4px 4px 4px 4px rgb(100, 86,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 18.106, 310.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 86, 114) }
```

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

```
.background{ background-color: rgb(100, 86,  
114) }
```

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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