

Converting Colors

CIELCh(39, 29.935, 314.040)

Have a look what the booklet for
CIELCh(39, 29.935, 314.040)
contains.

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Color

CIELCh(39, 30.067, 314.310)

Conversions

Conversions Part 1

Format	Color
Hex	6D517F
RGB	109, 81, 127
RGB Percent	43%, 32%, 50%
CMY	0.5727, 0.6825, 0.5021
CMYK	0.14, 0.36, 0.00, 0.50
HSL	277°, 22%, 41%
HSV	277°, 36%, 50%
XYZ	13.0693, 10.6589, 21.4332
YIQ	94.6160, 1.9220, 20.2420

Conversions

Conversions Part 2

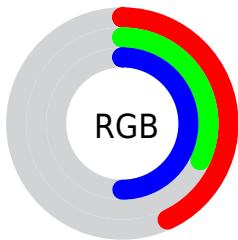
Format	Color
R_{YB}	109, 81, 127
Decimal	7164287
CIE _{Lab}	39.00, 21.00, -21.52
CIE _{LCh}	39, 30.067, 314.310
Yxy	10.6589, 0.2894, 0.2360
Android (android.graphics.Color)	4285354367 (0xFF6D517F)
YUV	94.6160, 15.9653, 12.6148
Hunter-Lab	32.6480, 14.3209, -16.0698

Details

The CIELCh color $[39, 30.067, 314.310]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[50, 28.991, 131.162]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 29.886, 314.063]$, and $[19, 29.896, 313.755]$ is the 20% darker color. If you saturate the color by 10%, you get $[35, 38.510, 314.738]$, and if you desaturate by 10%, it is $[43, 21.600, 313.866]$.

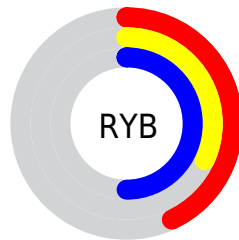
Distribution



Red (43%)

Green (32%)

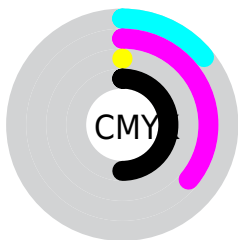
Blue (50%)



Red (43%)

Yellow (32%)

Blue (50%)

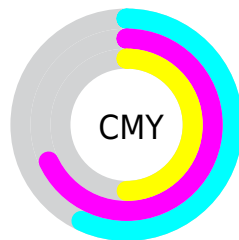


Cyan (14%)

Magenta (36%)

Yellow (0%)

Black (50%)



Cyan (57%)


Magenta (68%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 30.067, 314.310 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, 30.067, 314.310 by changing the saturation by 10% instead.


 39, 30.067,
314.310


 39, 30.067,
314.310

 100, 30.067,
314.310


 29, 30.067,
314.310

 59, 30.067,
314.310


 19, 30.067,
314.310


 69, 30.067,
314.310

 9, 30.067, 314.310

 79, 30.067,
314.310

 0, 30.067, 314.310

 89, 30.067,
314.310

 99, 30.067,
314.310

■ 39, 30.067,
314.310

■ 39, 30.067,
314.310

■ 35, 38.510,
314.738

■ 43, 21.600,
313.866

■ 32, 46.749,
315.120

■ 47, 13.228,
313.427

■ 28, 54.504,
315.409

■ 51, 5.020, 312.997

■ 26, 61.395,
315.544

■ 55, 2.989, 132.667

■ 23, 66.969,
315.450

■ 59, 10.780,
132.282

■ 21, 71.019,
315.100

■ 63, 18.349,
131.953

■ 21, 72.528,
314.990

■ 67, 25.697,
131.658

■ 71, 32.832,
131.395

■ 75, 39.761,
131.162

Harmonies

Complementary

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



39, 30.067, 314.310



50, 28.991, 131.162

Rectangle

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



39, 30.067, 314.310



39, 30.067, 4.310



39, 30.067, 134.310



39, 30.067, 184.310

Sweetspot

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



39, 30.066, 314.310



63, 11.088, 313.213



42, 17.648, 271.173



32, 7.518, 313.261



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



39, 30.066, 314.310



47, 44.528, 314.647



41, 30.545, 329.298



25, 4.573, 313.121



21, 72.753, 314.986



0, 0.000, 0.000

Inverse Universe

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



40, 22.144, 353.715



49, 32.733, 354.825



49, 30.540, 144.653



25, 3.353, 350.688



26, 50.650, 10.697



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 39, 30.067, 314.310 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, 30.067, 314.310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

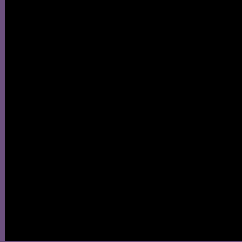
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 30.067, 314.310

Background



This preview shows how black text looks on a background with the CIELCh color 39, 30.067, 314.310.



This preview shows how white text looks on a background with the CIELCh color 39, 30.067, 314.310.

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, 30.067, 314.310

Protanopia

39, 27.060, 285.110

Deuteranopia

39, 20.939, 284.653



Tritanopia
39, 7.739, 352.317

Trichromacy



Original Color
39, 30.067, 314.310

Protanomaly
39, 27.629, 295.736

Deuteranomaly
39, 24.050, 298.052

Tritanomaly
39, 15.472, 325.452

Monochromacy



Original Color
39, 30.067, 314.310

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 11.194, 312.724

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 30.067, 314.310 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(109, 81, 127)` looks like.

```
.text, #text, p{  
    color:rgb(109, 81, 127)  
}
```

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(109, 81, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 81, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 30.067, 314.310 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(109, 81, 127) }
```

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

```
.border{ border-color:rgb(109, 81, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 81, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 81, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 81, 127);  
box-shadow:4px 4px 4px 4px rgb(109, 81,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 30.067, 314.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 81, 127) }
```

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

```
.background{ background-color: rgb(109, 81,  
127) }
```

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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