

Converting Colors

CIELCh(39, 26.606, 317.137)

Have a look what the booklet for
CIELCh(39, 26.606, 317.137)
contains.

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Color

CIELCh(39, 26.197, 317.618)

Conversions

Conversions Part 1

Format	Color
Hex	6E5279
RGB	110, 82, 121
RGB Percent	43%, 32%, 47%
CMY	0.5698, 0.6796, 0.5267
CMYK	0.09, 0.32, 0.00, 0.53
HSL	283°, 19%, 40%
HSV	283°, 32%, 47%
XYZ	12.8199, 10.6589, 19.3717
YIQ	94.8180, 4.1690, 18.0650

Conversions

Conversions Part 2

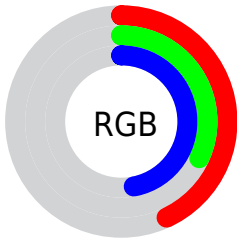
Format	Color
R_{YB}	110, 82, 121
Decimal	7230073
CIE _{Lab}	39.00, 19.35, -17.66
CIE _{LCh}	39, 26.197, 317.618
Yxy	10.6589, 0.2992, 0.2487
Android (android.graphics.Color)	4285420153 (0xFF6E5279)
YUV	94.8180, 12.9077, 13.3146
Hunter-Lab	32.6480, 12.9573, -12.3261

Details

The CIELCh color $39, 26.197, 317.618$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $48, 25.643, 134.795$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 25.777, 317.727$, and $19, 25.739, 318.021$ is the 20% darker color. If you saturate the color by 10%, you get $36, 34.362, 318.016$, and if you desaturate by 10%, it is $43, 17.981, 317.200$.

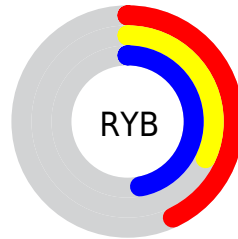
Distribution



Red (43%)

Green (32%)

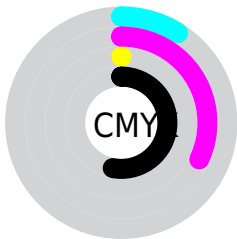
Blue (47%)



Red (43%)

Yellow (32%)

Blue (47%)

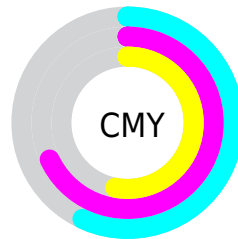


Cyan (9%)

Magenta (32%)

Yellow (0%)

Black (53%)



Cyan (57%)


Magenta (68%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 26.197, 317.618 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, 26.197, 317.618 by changing the saturation by 10% instead.


 39, 26.197,
317.618


 39, 26.197,
317.618

 100, 26.197,
317.618


 29, 26.197,
317.618

 59, 26.197,
317.618

 19, 26.197,
317.618

 69, 26.197,
317.618

 9, 26.197, 317.618

 79, 26.197,
317.618

 0, 26.197, 317.618

 89, 26.197,
317.618

 99, 26.197,
317.618

39, 26.197,
317.618

39, 26.197,
317.618

36, 34.362,
318.016

43, 17.981,
317.200

32, 42.304,
318.370

46, 9.833, 316.778

29, 49.773,
318.644

50, 1.822, 316.317

54, 6.008, 136.025

27, 56.443,
318.793

57, 13.636,
135.654

24, 61.934,
318.764

61, 21.054,
135.319

23, 65.900,
318.505

65, 28.261,
135.012

22, 68.513,
318.265

68, 35.261,
134.734

 72, 42.062,
134.483

Harmonies

Complementary

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



39, 26.197, 317.618



48, 25.643, 134.795

Rectangle

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



39, 26.197, 317.618



39, 26.197, 7.618



39, 26.197, 137.618



39, 26.197, 187.618

Sweetspot

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



39, 26.196, 317.618



61, 9.953, 316.692



39, 17.388, 279.578



31, 6.761, 316.739



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, 26.196, 317.618



48, 39.521, 317.927



40, 24.170, 333.139



24, 4.541, 316.642



22, 70.252, 318.233



48, 118.569, 317.759

Inverse Universe

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



39, 18.042, 0.669



48, 27.417, 1.801



47, 24.047, 148.734



24, 3.053, 357.964



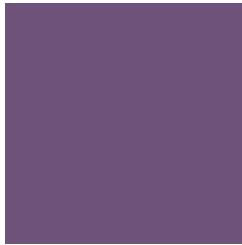
25, 51.559, 20.604



53, 88.459, 23.915

Previews

White Background



This preview shows how the CIELCh color 39, 26.197, 317.618 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, 26.197, 317.618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

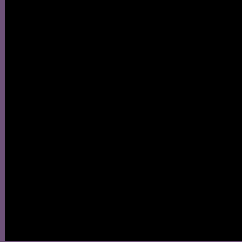
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 26.197, 317.618

Background



This preview shows how black text looks on a background with the CIELCh color 39, 26.197, 317.618.



This preview shows how white text looks on a background with the CIELCh color 39, 26.197, 317.618.

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, 26.197, 317.618

Protanopia

39, 22.773, 284.890

Deuteranopia

39, 17.780, 289.342



Tritanopia
39, 9.160, 353.005

Trichromacy



Original Color
39, 26.197, 317.618

Protanomaly
39, 22.747, 296.316

Deuteranomaly
39, 20.543, 301.570

Tritanomaly
39, 14.743, 329.549

Monochromacy



Original Color
39, 26.197, 317.618

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 9.523, 316.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 26.197, 317.618 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(110, 82, 121)` looks like.

```
.text, #text, p{  
    color:rgb(110, 82, 121)  
}
```

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(110, 82, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 82, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 26.197, 317.618 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(110, 82, 121) }
```

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

```
.border{ border-color:rgb(110, 82, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 82, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 82, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 82, 121);  
box-shadow:4px 4px 4px 4px rgb(110, 82,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 26.197, 317.618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 82, 121) }
```

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

```
.background{ background-color: rgb(110, 82,  
121) }
```

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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