

Converting Colors

CIELCh(39, 33.504, 310.589)

Have a look what the booklet for
CIELCh(39, 33.504, 310.589)
contains.

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Color

CIELCh(39, 33.159, 310.326)

Conversions

Conversions Part 1

Format	Color
Hex	6A5185
RGB	106, 81, 133
RGB Percent	42%, 32%, 52%
CMY	0.5840, 0.6821, 0.4781
CMYK	0.20, 0.39, 0.00, 0.48
HSL	269°, 24%, 42%
HSV	269°, 39%, 52%
XYZ	13.1386, 10.6589, 23.5818
YIQ	94.4030, -1.7920, 21.4720

Conversions

Conversions Part 2

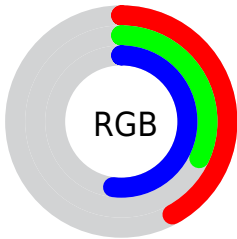
Format	Color
R_{YB}	106, 81, 133
Decimal	6967685
CIE _{Lab}	39.00, 21.46, -25.28
CIE _{LCh}	39, 33.159, 310.326
Yxy	10.6589, 0.2773, 0.2250
Android (android.graphics.Color)	4285157765 (0xFF6A5185)
YUV	94.4030, 19.0283, 10.1706
Hunter-Lab	32.6480, 14.6998, -19.9718

Details

The CIELCh color $39, 33.159, 310.326$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $52, 31.337, 126.611$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 32.723, 310.190$, and $19, 32.806, 310.079$ is the 20% darker color. If you saturate the color by 10%, you get $35, 41.957, 310.872$, and if you desaturate by 10%, it is $43, 24.407, 309.784$.

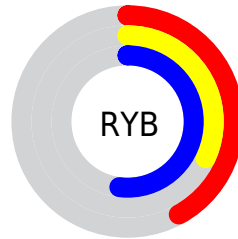
Distribution



Red (42%)

Green (32%)

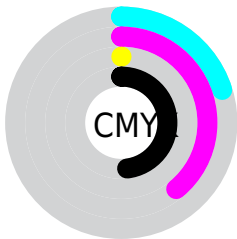
Blue (52%)



Red (42%)

Yellow (32%)

Blue (52%)

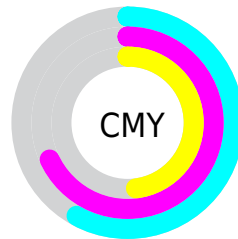


Cyan (20%)

Magenta (39%)

Yellow (0%)

Black (48%)



Cyan (58%)


Magenta (68%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 33.159, 310.326 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, 33.159, 310.326 by changing the saturation by 10% instead.


 39, 33.159,
310.326


 39, 33.159,
310.326

 100, 33.159,
310.326


 29, 33.159,
310.326

 59, 33.159,
310.326


 19, 33.159,
310.326


 69, 33.159,
310.326

 9, 33.159, 310.326

 79, 33.159,
310.326

 0, 33.159, 310.326

 89, 33.159,
310.326

 99, 33.159,
310.326

■ 39, 33.159,
310.326

■ 39, 33.159,
310.326

■ 35, 41.957,
310.872

■ 43, 24.407,
309.784

■ 31, 50.620,
311.384

■ 47, 15.809,
309.266

■ 27, 58.847,
311.806

■ 52, 7.420, 308.782

■ 24, 66.193,
312.056

■ 56, 0.734, 128.470

■ 60, 8.644, 127.975

■ 22, 72.092,
312.027

■ 64, 16.312,
127.622

■ 19, 76.636,
311.785

■ 69, 23.745,
127.313

■ 19, 77.075,
311.776

■ 73, 30.953,
127.043

■ 77, 37.947,
126.807

Harmonies

Complementary

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



39, 33.159, 310.326



52, 31.337, 126.611

Rectangle

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



39, 33.159, 310.326



39, 33.159, 0.326



39, 33.159, 130.326



39, 33.159, 180.326

Sweetspot

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



39, 33.158, 310.326



65, 12.228, 308.933



45, 16.990, 257.938



33, 8.088, 308.983



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



39, 33.158, 310.326



46, 49.851, 310.817



42, 36.239, 325.486



26, 4.596, 308.784



19, 75.787, 311.801



0, 1.087, 308.393

Inverse Universe

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



41, 26.578, 346.233



50, 39.424, 347.339



51, 36.206, 140.887



26, 3.762, 343.303



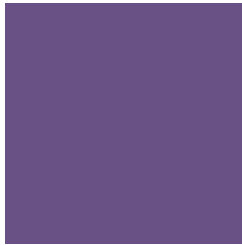
27, 51.783, 358.895



0, 0.892, 342.628

Previews

White Background



This preview shows how the CIELCh color 39, 33.159, 310.326 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, 33.159, 310.326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

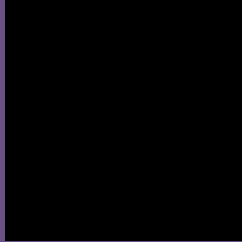
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 33.159, 310.326

Background



This preview shows how black text looks on a background with the CIELCh color 39, 33.159, 310.326.



This preview shows how white text looks on a background with the CIELCh color 39, 33.159, 310.326.

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

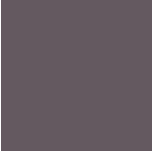
39, 33.159, 310.326

Protanopia

39, 31.373, 285.647

Deuteranopia

39, 24.733, 282.959



Tritanopia
39, 6.323, 337.695

Trichromacy



Original Color
39, 33.159, 310.326

Protanomaly
39, 31.243, 294.213

Deuteranomaly
39, 27.621, 295.029

Tritanomaly
39, 15.550, 316.436

Monochromacy



Original Color
39, 33.159, 310.326

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 12.234, 308.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 33.159, 310.326 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(106, 81, 133)` looks like.

```
.text, #text, p{  
    color:rgb(106, 81, 133)  
}
```

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(106, 81, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 81, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 33.159, 310.326 is called "border". The border property can be set on classes, ids or directly on the HTML element.

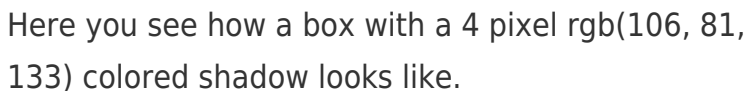
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 81, 133) }
```

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

```
.border{ border-color:rgb(106, 81, 133) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 81, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 81, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 81, 133); box-shadow:4px 4px 4px 4px rgb(106, 81, 133) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 33.159, 310.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 81, 133) }
```

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

```
.background{ background-color: rgb(106, 81,  
133) }
```

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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