

Converting Colors

CIELCh(39, 31.763, 339.852)

Have a look what the booklet for
CIELCh(39, 31.763, 339.852)
contains.

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Color

CIELCh(39, 31.596, 339.860)

Conversions

Conversions Part 1

Format	Color
Hex	82496E
RGB	130, 73, 110
RGB Percent	51%, 29%, 43%
CMY	0.4898, 0.7133, 0.5683
CMYK	0.00, 0.44, 0.15, 0.49
HSL	321°, 28%, 40%
HSV	321°, 44%, 51%
XYZ	14.4297, 10.6589, 16.0759
YIQ	94.2610, 22.0950, 23.5910

Conversions

Conversions Part 2

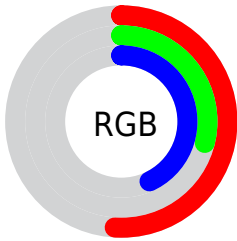
Format	Color
R_{YB}	130, 73, 110
Decimal	8538478
CIE Lab	39.00, 29.66, -10.88
CIE LCh	39, 31.596, 339.860
Yxy	10.6589, 0.3505, 0.2589
Android (android.graphics.Color)	4286728558 (0xFF82496E)
YUV	94.2610, 7.7593, 31.3431
Hunter-Lab	32.6480, 21.7592, -6.3408

Details

The CIELCh color **39, 31.596, 339.860** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **50, 31.043, 152.550**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 31.731, 339.446**, and **19, 31.320, 340.315** is the 20% darker color. If you saturate the color by 10%, you get **36, 38.184, 340.858**, and if you desaturate by 10%, it is **42, 24.547, 338.960**.

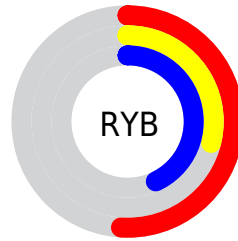
Distribution



Red (51%)

Green (29%)

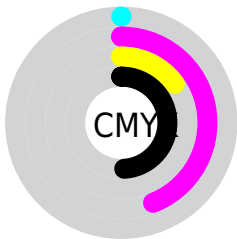
Blue (43%)



Red (51%)

Yellow (29%)

Blue (43%)

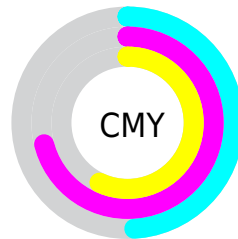


Cyan (0%)

Magenta (44%)

Yellow (15%)

Black (49%)



Cyan (49%)


Magenta (71%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 31.596, 339.860 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, 31.596, 339.860 by changing the saturation by 10% instead.


 39, 31.596,
339.860


 39, 31.596,
339.860

 100, 31.596,
339.860


 29, 31.596,
339.860

 59, 31.596,
339.860


 19, 31.596,
339.860


 69, 31.596,
339.860

 9, 31.596, 339.860

 79, 31.596,
339.860

 0, 31.596, 339.860

 89, 31.596,
339.860

 99, 31.596,
339.860

■ 39, 31.596,
339.860

■ 39, 31.596,
339.860

■ 36, 38.184,
340.858

■ 42, 24.547,
338.960

■ 33, 44.015,
341.988

■ 46, 17.282,
338.134

■ 31, 48.749,
343.300

■ 49, 9.973, 337.363

■ 30, 52.081,
344.864

■ 53, 2.733, 336.587

■ 57, 4.363, 156.079

■ 28, 53.857,
346.763

■ 61, 11.276,
155.422

■ 28, 54.663,
348.005

■ 64, 17.986,
154.831

■ 68, 24.487,
154.280

■ 72, 30.784,
153.764

Harmonies

Complementary

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



39, 31.596, 339.860



50, 31.043, 152.550

Rectangle

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



39, 31.596, 339.860



39, 31.596, 29.860



39, 31.596, 159.860



39, 31.596, 209.860

Sweetspot

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



39, 31.594, 339.861



63, 11.576, 337.324



35, 36.210, 306.446



32, 8.074, 337.467



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, 31.594, 339.861



47, 46.372, 340.899



38, 25.887, 12.402



26, 4.119, 337.013



28, 54.648, 348.004



0, 0.979, 336.418

Inverse Universe

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



39, 31.594, 339.861



47, 46.372, 340.899



50, 20.968, 183.377



26, 4.119, 337.013



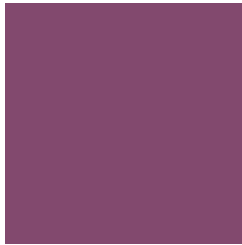
28, 54.648, 348.004



0, 0.979, 336.418

Previews

White Background



This preview shows how the CIELCh color 39, 31.596, 339.860 looks on a white background.

Color Contrast Check

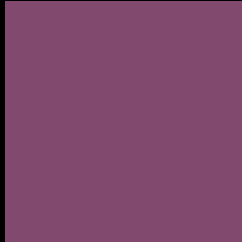
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.596, 339.860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

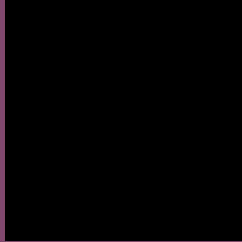
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 31.596, 339.860

Background



This preview shows how black text looks on a background with the CIELCh color 39, 31.596, 339.860.



This preview shows how white text looks on a background with the CIELCh color 39, 31.596, 339.860.

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, 31.596, 339.860

Protanopia
39, 19.663, 285.848

Deuteranopia
39, 10.570, 300.387



Tritanopia
39, 22.104, 13.593

Trichromacy



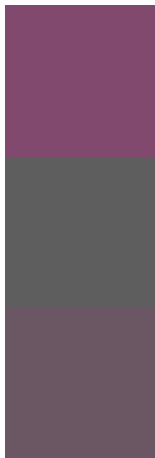
Original Color
39, 31.596, 339.860

Protanomaly
39, 21.964, 310.392

Deuteranomaly
39, 17.420, 324.406

Tritanomaly
39, 24.393, 358.738

Monochromacy



Original Color
39, 31.596, 339.860

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 12.255, 336.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 31.596, 339.860 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(130, 73, 110)` looks like.

```
.text, #text, p{  
    color:rgb(130, 73, 110)  
}
```

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(130, 73, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 73, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 31.596, 339.860 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(130, 73, 110) }
```

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

```
.border{ border-color:rgb(130, 73, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 73, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 73, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 73, 110);  
box-shadow:4px 4px 4px 4px rgb(130, 73,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 31.596, 339.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 73, 110) }
```

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

```
.background{ background-color: rgb(130, 73,  
110) }
```

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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