

Converting Colors

CIELCh(39, 22.696, 332.988)

Have a look what the booklet for
CIELCh(39, 22.696, 332.988)
contains.

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Color

CIELCh(39, 23.083, 333.070)

Conversions

Conversions Part 1

Format	Color
Hex	75506D
RGB	117, 80, 109
RGB Percent	46%, 31%, 43%
CMY	0.5406, 0.6857, 0.5719
CMYK	0.00, 0.32, 0.07, 0.54
HSL	313°, 19%, 39%
HSV	313°, 32%, 46%
XYZ	13.0051, 10.6589, 15.8830
YIQ	94.3690, 12.7430, 16.8630

Conversions

Conversions Part 2

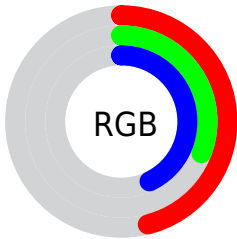
Format	Color
R_{YB}	117, 80, 109
Decimal	7688301
CIE Lab	39.00, 20.58, -10.45
CIE LCh	39, 23.083, 333.070
Yxy	10.6589, 0.3289, 0.2695
Android (android.graphics.Color)	4285878381 (0xFF75506D)
YUV	94.3690, 7.2131, 19.8474
Hunter-Lab	32.6480, 13.9700, -5.9904

Details

The CIELCh color **39, 23.083, 333.070** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **46, 22.964, 148.795**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 23.189, 332.920**, and **19, 23.162, 333.674** is the 20% darker color. If you saturate the color by 10%, you get **36, 30.188, 333.749**, and if you desaturate by 10%, it is **42, 15.777, 332.415**.

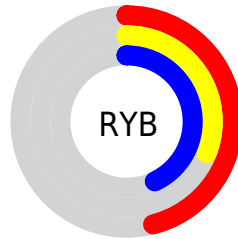
Distribution



Red (46%)

Green (31%)

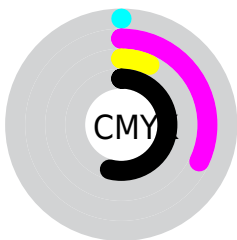
Blue (43%)



Red (46%)

Yellow (31%)

Blue (43%)

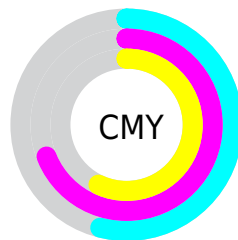


Cyan (0%)

Magenta (32%)

Yellow (7%)

Black (54%)



Cyan (54%)


Magenta (69%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 23.083, 333.070 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, 23.083, 333.070 by changing the saturation by 10% instead.


 39, 23.083,
333.070


 39, 23.083,
333.070

 100, 23.083,
333.070


 29, 23.083,
333.070

 59, 23.083,
333.070


 19, 23.083,
333.070


 69, 23.083,
333.070

 9, 23.083, 333.070

 79, 23.083,
333.070

 0, 23.083, 333.070

 89, 23.083,
333.070

 99, 23.083,
333.070

■ 39, 23.083,
333.070

■ 39, 23.083,
333.070

■ 36, 30.188,
333.749

■ 42, 15.777,
332.415

■ 33, 36.886,
334.455

■ 45, 8.432, 331.776

■ 49, 1.151, 331.015

■ 31, 42.905,
335.194

■ 52, 5.997, 150.658

■ 29, 47.945,
335.981

■ 56, 12.974,
150.089

■ 27, 51.714,
336.837

■ 59, 19.758,
149.561

■ 26, 54.015,
337.795

■ 63, 26.342,
149.062

■ 25, 55.389,
338.637

■ 66, 32.728,
148.590

■ 70, 38.923,
148.145

Harmonies

Complementary

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



39, 23.083, 333.070



46, 22.964, 148.795

Rectangle

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



39, 23.083, 333.070



39, 23.083, 23.070



39, 23.083, 153.070



39, 23.083, 203.070

Sweetspot

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



39, 23.081, 333.070



59, 8.137, 331.625



36, 23.229, 300.493



30, 5.625, 331.701



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



39, 23.081, 333.070



48, 34.408, 333.569



38, 17.313, 359.287



23, 4.093, 331.613



27, 57.112, 338.696



56, 96.012, 339.421

Inverse Universe

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



39, 23.081, 333.070



48, 34.408, 333.569



46, 15.838, 172.994



23, 4.093, 331.613



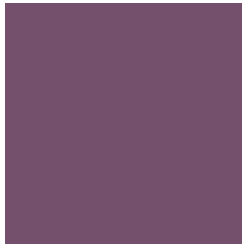
27, 57.112, 338.696



56, 96.012, 339.421

Previews

White Background



This preview shows how the CIELCh color 39, 23.083, 333.070 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, 23.083, 333.070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

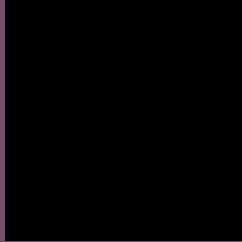
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 23.083, 333.070

Background



This preview shows how black text looks on a background with the CIELCh color 39, 23.083, 333.070.



This preview shows how white text looks on a background with the CIELCh color 39, 23.083, 333.070.

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, 23.083, 333.070

Protanopia

39, 15.977, 285.966

Deuteranopia

39, 10.570, 300.387



Tritanopia
39, 13.972, 6.466

Trichromacy



Original Color
39, 23.083, 333.070

Protanomaly
39, 17.092, 305.701

Deuteranomaly
39, 15.002, 317.405

Tritanomaly
39, 16.336, 350.620

Monochromacy



Original Color
39, 23.083, 333.070

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 8.180, 332.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 23.083, 333.070 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(117, 80, 109)` looks like.

```
.text, #text, p{  
    color:rgb(117, 80, 109)  
}
```

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(117, 80, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 80, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 23.083, 333.070 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(117, 80, 109) }
```

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

```
.border{ border-color:rgb(117, 80, 109) }
```

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

Here you see how a box with a 4 pixel rgb(117, 80, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 80, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 80, 109);  
box-shadow:4px 4px 4px 4px rgb(117, 80,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 23.083, 333.070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 80, 109) }
```

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

```
.background{ background-color: rgb(117, 80,  
109) }
```

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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