

Converting Colors

CIELCh(36, 39.860, 327.548)

Have a look what the booklet for
CIELCh(36, 39.860, 327.548)
contains.

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Color

CIELCh(36, 39.380, 327.837)

Conversions

Conversions Part 1

Format	Color
Hex	794077
RGB	121, 64, 119
RGB Percent	47%, 25%, 47%
CMY	0.5266, 0.7500, 0.5344
CMYK	0.00, 0.47, 0.02, 0.53
HSL	302°, 31%, 36%
HSV	302°, 47%, 47%
XYZ	12.9787, 9.0082, 18.4226
YIQ	87.3130, 16.3170, 29.1890

Conversions

Conversions Part 2

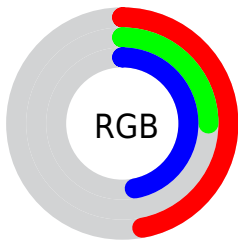
Format	Color
R_{YB}	121, 64, 119
Decimal	7946359
CIE _{Lab}	36.00, 33.34, -20.96
CIE _{LCh}	36, 39.380, 327.837
Yxy	9.0082, 0.3212, 0.2229
Android (android.graphics.Color)	4286136439 (0xFF794077)
YUV	87.3130, 15.6217, 29.5435
Hunter-Lab	30.0136, 24.6645, -15.3832

Details

The CIELCh color **36, 39.380, 327.837** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **46, 39.530, 141.784**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 39.115, 328.196**, and **16, 39.442, 327.766** is the 20% darker color. If you saturate the color by 10%, you get **34, 46.688, 328.293**, and if you desaturate by 10%, it is **39, 31.423, 327.344**.

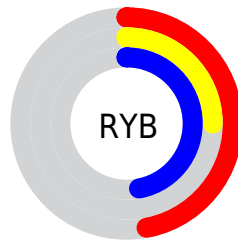
Distribution



Red (47%)

Green (25%)

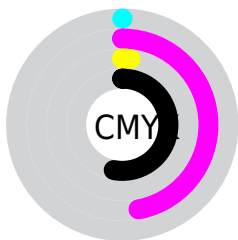
Blue (47%)



Red (47%)

Yellow (25%)

Blue (47%)

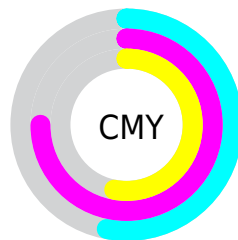


Cyan (0%)

Magenta (47%)

Yellow (2%)

Black (53%)



Cyan (53%)


Magenta (75%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 39.380, 327.837 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 36, 39.380, 327.837 by changing the saturation by 10% instead.


 36, 39.380,
327.837


 36, 39.380,
327.837

 100, 39.380,
327.837


 26, 39.380,
327.837

 56, 39.380,
327.837


 16, 39.380,
327.837


 66, 39.380,
327.837

 6, 39.380, 327.837

 76, 39.380,
327.837

 0, 39.380, 327.837

 86, 39.380,
327.837

 96, 39.380,
327.837

■ 36, 39.380,
327.837

■ 36, 39.380,
327.837

■ 34, 46.688,
328.293

■ 39, 31.423,
327.344

■ 31, 53.047,
328.698

■ 42, 23.089,
326.824

■ 30, 58.156,
329.044

■ 45, 14.588,
326.289

■ 29, 61.789,
329.326

■ 48, 6.076, 325.739

■ 52, 2.339, 145.320

■ 28, 64.114,
329.556

■ 55, 10.588,
144.745

■ 28, 64.737,
329.618

■ 59, 18.629,
144.241

■ 62, 26.441,
143.763

■ 66, 34.016,
143.310

Harmonies

Complementary

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



36, 39.380, 327.837



46, 39.530, 141.784

Rectangle

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



36, 39.380, 327.837



36, 39.380, 17.837



36, 39.380, 147.837



36, 39.380, 197.837

Sweetspot

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



36, 39.378, 327.837



59, 14.795, 326.135



30, 36.473, 297.404



30, 10.165, 326.231



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



36, 39.378, 327.837



44, 57.820, 328.346



35, 28.674, 350.361



24, 4.815, 325.845



29, 66.351, 329.623



59, 111.533, 329.700

Inverse Universe

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



36, 39.378, 327.837



44, 57.820, 328.346



46, 26.949, 160.812



24, 4.815, 325.845



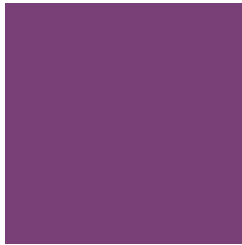
29, 66.351, 329.623



59, 111.533, 329.700

Previews

White Background



This preview shows how the CIELCh color 36, 39.380, 327.837 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 36, 39.380, 327.837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

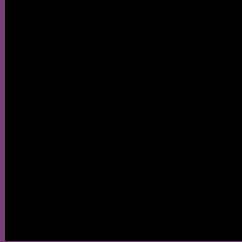
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 39.380, 327.837

Background



This preview shows how black text looks on a background with the CIELCh color 36, 39.380, 327.837.



This preview shows how white text looks on a background with the CIELCh color 36, 39.380, 327.837.

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

36, 39.380, 327.837

Protanopia

36, 31.783, 285.082

Deuteranopia

36, 19.315, 285.777



Tritanopia
36, 19.640, 11.995

Trichromacy



Original Color
36, 39.380, 327.837

Protanomaly
36, 32.565, 300.579

Deuteranomaly
36, 25.094, 307.669

Tritanomaly
36, 24.498, 348.717

Monochromacy



Original Color
36, 39.380, 327.837

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 14.914, 325.464

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 39.380, 327.837 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(121, 64, 119)` looks like.

```
.text, #text, p{  
    color:rgb(121, 64, 119)  
}
```

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(121, 64, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 64, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 39.380, 327.837 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(121, 64, 119) }
```

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

```
.border{ border-color:rgb(121, 64, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 64, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 64, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 64, 119);  
box-shadow:4px 4px 4px 4px rgb(121, 64,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 39.380, 327.837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 64, 119) }
```

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

```
.background{ background-color: rgb(121, 64,  
119) }
```

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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