

Converting Colors

CIELCh(39, 29.413, 327.271)

Have a look what the booklet for
CIELCh(39, 29.413, 327.271)
contains.

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Color

CIELCh(39, 29.222, 327.602)

Conversions

Conversions Part 1

Format	Color
Hex	784E76
RGB	120, 78, 118
RGB Percent	47%, 31%, 46%
CMY	0.5310, 0.6956, 0.5388
CMYK	0.00, 0.35, 0.02, 0.53
HSL	303°, 21%, 39%
HSV	303°, 35%, 47%
XYZ	13.6349, 10.6589, 18.3559
YIQ	95.1180, 12.1920, 21.3440

Conversions

Conversions Part 2

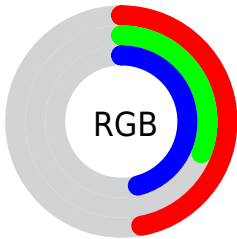
Format	Color
R_{YB}	120, 78, 118
Decimal	7884406
CIE _{Lab}	39.00, 24.67, -15.66
CIE _{LCh}	39, 29.222, 327.602
Yxy	10.6589, 0.3197, 0.2499
Android (android.graphics.Color)	4286074486 (0xFF784E76)
YUV	95.1180, 11.2808, 21.8215
Hunter-Lab	32.6480, 17.4133, -10.4814

Details

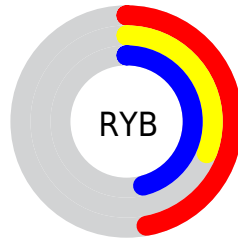
The CIELCh color $[39, 29.222, 327.602]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[46, 29.233, 143.293]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 29.009, 327.734]$, and $[19, 29.364, 326.960]$ is the 20% darker color. If you saturate the color by 10%, you get $[36, 37.151, 328.112]$, and if you desaturate by 10%, it is $[42, 20.967, 327.072]$.

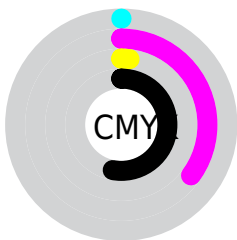
Distribution



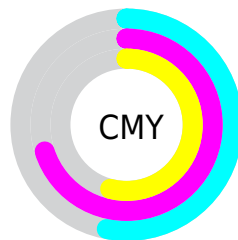
- Red (47%)
- Green (31%)
- Blue (46%)



- Red (47%)
- Yellow (31%)
- Blue (46%)



- Cyan (0%)
- Magenta (35%)
- Yellow (2%)
- Black (53%)



- Cyan (53%)
- Magenta (70%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 29.222, 327.602 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, 29.222, 327.602 by changing the saturation by 10% instead.

 39, 29.222,
327.602

 39, 29.222,
327.602

 100, 29.222,
327.602


 29, 29.222,
327.602

 59, 29.222,
327.602

 19, 29.222,
327.602

 69, 29.222,
327.602

 9, 29.222, 327.602

 79, 29.222,
327.602

 0, 29.222, 327.602

 89, 29.222,
327.602

 99, 29.222,
327.602

■ 39, 29.222,
327.602

■ 39, 29.222,
327.602

■ 36, 37.151,
328.112

■ 42, 20.967,
327.072

■ 34, 44.506,
328.589

■ 45, 12.589,
326.530

■ 31, 50.991,
329.024

■ 49, 4.226, 325.965

■ 30, 56.302,
329.407

■ 52, 4.023, 145.528

■ 28, 60.189,
329.734

■ 55, 12.099,
144.985

■ 28, 62.634,
330.010

■ 59, 19.964,
144.485

■ 27, 63.700,
330.138

■ 62, 27.602,
144.011

■ 66, 35.008,
143.561

■ 70, 42.184,
143.137

Harmonies

Complementary

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



39, 29.222, 327.602



46, 29.233, 143.293

Rectangle

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



39, 29.222, 327.602



39, 29.222, 17.602



39, 29.222, 147.602



39, 29.222, 197.602

Sweetspot

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



39, 29.220, 327.602



60, 11.357, 326.320



35, 26.262, 295.478



31, 7.695, 326.378



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, 29.220, 327.602



48, 43.031, 328.009



38, 21.225, 348.803



23, 4.606, 326.194



28, 64.760, 330.143



58, 109.575, 330.254

Inverse Universe

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



39, 29.220, 327.602



48, 43.031, 328.009



47, 20.223, 162.251



23, 4.606, 326.194



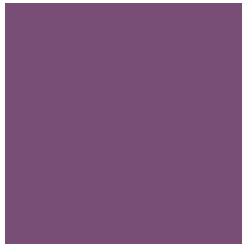
28, 64.760, 330.143



58, 109.575, 330.254

Previews

White Background



This preview shows how the CIE LCh color 39, 29.222, 327.602 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, 29.222, 327.602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

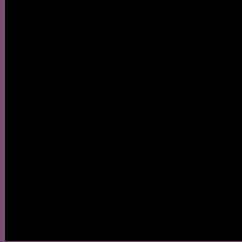
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 29.222, 327.602

Background



This preview shows how black text looks on a background with the CIELCh color 39, 29.222, 327.602.

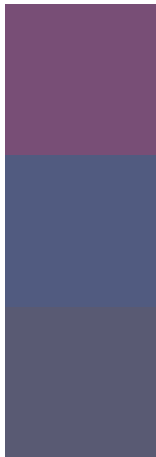


This preview shows how white text looks on a background with the CIELCh color 39, 29.222, 327.602.

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, 29.222, 327.602

Protanopia

39, 22.773, 284.890

Deuteranopia

39, 15.324, 291.120



Tritanopia
39, 14.964, 5.267

Trichromacy



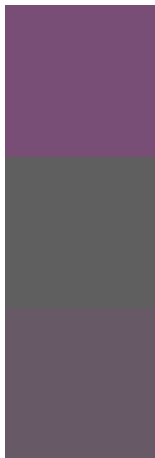
Original Color
39, 29.222, 327.602

Protanomaly
39, 23.640, 301.660

Deuteranomaly
39, 19.264, 309.118

Tritanomaly
39, 18.930, 344.809

Monochromacy



Original Color
39, 29.222, 327.602

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 10.580, 327.036

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 29.222, 327.602 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(120, 78, 118)` looks like.

```
.text, #text, p{  
    color:rgb(120, 78, 118)  
}
```

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(120, 78, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 78, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 29.222, 327.602 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(120, 78, 118) }
```

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

```
.border{ border-color:rgb(120, 78, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 78, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 78, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 78, 118);  
box-shadow:4px 4px 4px 4px rgb(120, 78,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 29.222, 327.602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 78, 118) }
```

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

```
.background{ background-color: rgb(120, 78,  
118) }
```

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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