

Converting Colors

CIELCh(39, 28.691, 325.935)

Have a look what the booklet for
CIELCh(39, 28.691, 325.935)
contains.

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Color

CIELCh(39, 28.841, 326.184)

Conversions

Conversions Part 1

Format	Color
Hex	764E76
RGB	118, 78, 118
RGB Percent	46%, 31%, 46%
CMY	0.5364, 0.6933, 0.5364
CMYK	0.00, 0.34, 0.00, 0.54
HSL	300°, 20%, 39%
HSV	300°, 34%, 46%
XYZ	13.5240, 10.6589, 18.5529
YIQ	94.5200, 11.0000, 20.9200

Conversions

Conversions Part 2

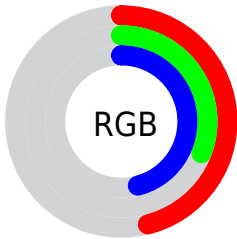
Format	Color
R_{YB}	118, 78, 118
Decimal	7753334
CIE _{Lab}	39.00, 23.96, -16.05
CIE _{LCh}	39, 28.841, 326.184
Yxy	10.6589, 0.3165, 0.2494
Android (android.graphics.Color)	4285943414 (0xFF764E76)
YUV	94.5200, 11.5756, 20.5920
Hunter-Lab	32.6480, 16.8069, -10.8390

Details

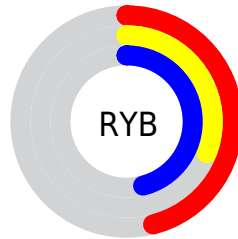
The CIELCh color $39, 28.841, 326.184$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $46, 28.854, 142.146$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 28.612, 326.427$, and $19, 29.217, 326.172$ is the 20% darker color. If you saturate the color by 10%, you get $36, 36.997, 326.663$, and if you desaturate by 10%, it is $42, 20.378, 325.677$.

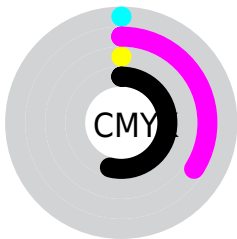
Distribution



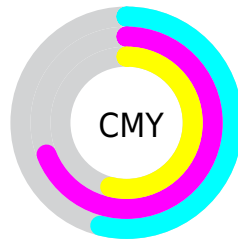
- Red (46%)
- Green (31%)
- Blue (46%)



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



- Cyan (0%)
- Magenta (34%)
- Yellow (0%)
- Black (54%)




- Cyan (54%)
- Magenta (69%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 28.841, 326.184 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, 28.841, 326.184 by changing the saturation by 10% instead.

 39, 28.841,
326.184

 39, 28.841,
326.184

 100, 28.841,
326.184

 29, 28.841,
326.184

 59, 28.841,
326.184

 19, 28.841,
326.184

 69, 28.841,
326.184

 9, 28.841, 326.184

 79, 28.841,
326.184

 0, 28.841, 326.184

 89, 28.841,
326.184

 99, 28.841,
326.184

39, 28.841,
326.184

39, 28.841,
326.184

36, 36.997,
326.663

42, 20.378,
325.677

34, 44.606,
327.099

45, 11.806,
325.152

32, 51.375,
327.478

48, 3.262, 324.591

52, 5.159, 144.163

30, 57.005,
327.785

55, 13.396,
143.639

29, 61.247,
328.013

59, 21.415,
143.150

28, 64.017,
328.159

62, 29.198,
142.686

27, 65.477,
328.236

66, 36.740,
142.247

■ 69, 44.044,
141.833

Harmonies

Complementary

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



39, 28.841, 326.184



46, 28.854, 142.146

Rectangle

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



39, 28.841, 326.184



39, 28.841, 16.184



39, 28.841, 146.184



39, 28.841, 196.184

Sweetspot

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



39, 28.839, 326.184



59, 10.514, 324.958



35, 25.015, 294.229



30, 7.135, 325.018



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, 28.839, 326.184



48, 42.833, 326.578



38, 20.664, 346.697



23, 4.757, 324.892



28, 67.125, 328.236



59, 113.803, 328.236

Inverse Universe

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



39, 28.839, 326.184



48, 42.833, 326.578



46, 19.864, 160.614



23, 4.757, 324.892



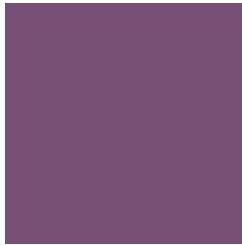
28, 67.125, 328.236



59, 113.803, 328.236

Previews

White Background



This preview shows how the CIELCh color 39, 28.841, 326.184 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 CIE LCh color 39, 28.841, 326.184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

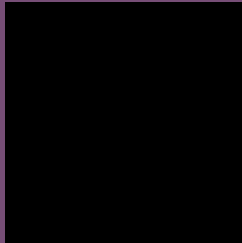
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 28.841, 326.184

Background



This preview shows how black text looks on a background with the CIELCh color 39, 28.841, 326.184.



This preview shows how white text looks on a background with the CIELCh color 39, 28.841, 326.184.

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, 28.841, 326.184

Protanopia

39, 22.773, 284.890

Deuteranopia

39, 15.935, 291.270



Tritanopia
39, 13.972, 6.466

Trichromacy



Original Color
39, 28.841, 326.184

Protanomaly
39, 23.640, 301.660

Deuteranomaly
39, 19.846, 308.645

Tritanomaly
39, 17.917, 344.572

Monochromacy



Original Color
39, 28.841, 326.184

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 10.347, 325.125

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 28.841, 326.184 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(118, 78, 118)` looks like.

```
.text, #text, p{  
    color:rgb(118, 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(118, 78, 118) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 39, 28.841, 326.184 is called "border". The border property can be set on classes, ids or directly on the HTML element.

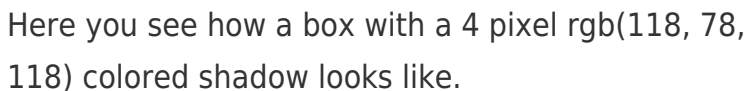
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 78, 118) }
```

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

```
.border{ border-color:rgb(118, 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(118, 78, 118)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 39, 28.841, 326.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(118, 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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