

Converting Colors

CIELCh(35, 40.257, 328.408)

Have a look what the booklet for
CIELCh(35, 40.257, 328.408)
contains.

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Color

CIELCh(35, 40.284, 328.433)

Conversions

Conversions Part 1

Format	Color
Hex	773C74
RGB	119, 60, 116
RGB Percent	47%, 24%, 45%
CMY	0.5316, 0.7631, 0.5434
CMYK	0.00, 0.49, 0.03, 0.53
HSL	303°, 33%, 35%
HSV	303°, 49%, 47%
XYZ	12.4825, 8.4984, 17.6353
YIQ	84.0250, 17.1880, 29.9240

Conversions

Conversions Part 2

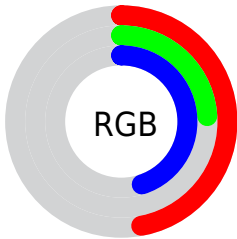
Format	Color
R_{YB}	119, 60, 116
Decimal	7814260
CIE Lab	35.00, 34.32, -21.09
CIE LCh	35, 40.284, 328.433
Yxy	8.4984, 0.3232, 0.2201
Android (android.graphics.Color)	4286004340 (0xFF773C74)
YUV	84.0250, 15.7637, 30.6731
Hunter-Lab	29.1520, 25.4155, -15.4607

Details

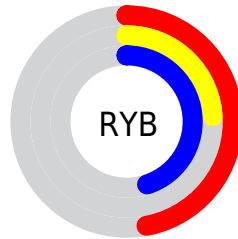
The CIELCh color **35, 40.284, 328.433** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **45, 40.477, 141.985**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 40.057, 328.708**, and **15, 40.549, 327.912** is the 20% darker color. If you saturate the color by 10%, you get **33, 47.275, 328.898**, and if you desaturate by 10%, it is **38, 32.593, 327.933**.

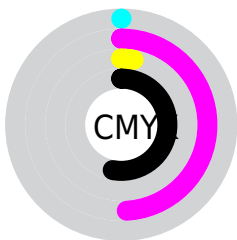
Distribution



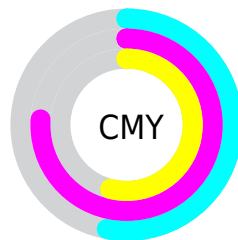
- Red (47%)
- Green (24%)
- Blue (45%)



- Red (47%)
- Yellow (24%)
- Blue (45%)



- Cyan (0%)
- Magenta (49%)
- Yellow (3%)
- Black (53%)





- Cyan (53%)
- Magenta (76%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 40.284, 328.433 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 35, 40.284, 328.433 by changing the saturation by 10% instead.


 35, 40.284,
328.433


 35, 40.284,
328.433

 100, 40.284,
328.433


 25, 40.284,
328.433

 55, 40.284,
328.433


 15, 40.284,
328.433


 65, 40.284,
328.433

 5, 40.284, 328.433

 75, 40.284,
328.433

 0, 40.284, 328.433

 85, 40.284,
328.433

 95, 40.284,
328.433

■ 35, 40.284,
328.433

■ 35, 40.284,
328.433

■ 33, 47.275,
328.898

■ 38, 32.593,
327.933

■ 31, 53.266,
329.317

■ 41, 24.480,
327.408

■ 29, 57.967,
329.684

■ 44, 16.164,
326.869

■ 28, 61.176,
329.997

■ 47, 7.810, 326.318

■ 50, 0.469, 146.204

■ 27, 63.342,
330.273

■ 54, 8.596, 145.311

■ 27, 63.468,
330.289

■ 57, 16.527,
144.798

■ 61, 24.237,
144.312

■ 64, 31.717,
143.851

Harmonies

Complementary

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



35, 40.284, 328.433



45, 40.477, 141.985

Rectangle

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



35, 40.284, 328.433



35, 40.284, 18.433



35, 40.284, 148.433



35, 40.284, 198.433

Sweetspot

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



35, 40.282, 328.433



58, 15.478, 326.647



29, 38.019, 298.223



29, 10.649, 326.741



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



35, 40.282, 328.433



43, 58.084, 328.944



34, 29.468, 351.737



23, 4.595, 326.295



28, 64.585, 330.294



58, 109.262, 330.415

Inverse Universe

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



35, 40.282, 328.433



43, 58.084, 328.944



46, 27.473, 161.451



23, 4.595, 326.295



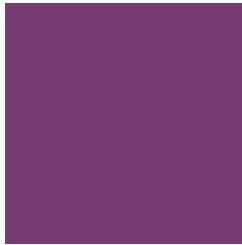
28, 64.585, 330.294



58, 109.262, 330.415

Previews

White Background



This preview shows how the CIELCh color 35, 40.284, 328.433 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 CIELCh color 35, 40.284, 328.433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

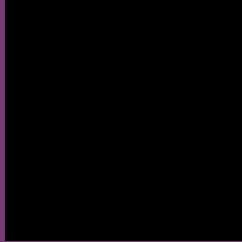
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 40.284, 328.433

Background



This preview shows how black text looks on a background with the CIELCh color 35, 40.284, 328.433.



This preview shows how white text looks on a background with the CIELCh color 35, 40.284, 328.433.

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

35, 40.284, 328.433

Protanopia

35, 33.191, 285.520

Deuteranopia

35, 19.429, 284.848



Tritanopia
35, 20.218, 14.200

Trichromacy



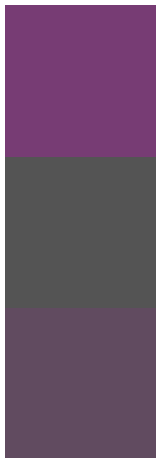
Original Color
35, 40.284, 328.433

Protanomaly
35, 33.970, 300.597

Deuteranomaly
35, 25.911, 308.241

Tritanomaly
35, 24.942, 349.499

Monochromacy



Original Color
35, 40.284, 328.433

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 15.972, 326.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 40.284, 328.433 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(119, 60, 116)` looks like.

```
.text, #text, p{  
    color:rgb(119, 60, 116)  
}
```

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(119, 60, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 60, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 40.284, 328.433 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(119, 60, 116) }
```

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

```
.border{ border-color:rgb(119, 60, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 60, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 60, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 60, 116);  
box-shadow:4px 4px 4px 4px rgb(119, 60,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 40.284, 328.433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 60, 116) }
```

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

```
.background{ background-color: rgb(119, 60,  
116) }
```

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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