

Converting Colors

CIELCh(40, 36.986, 325.443)

Have a look what the booklet for
CIELCh(40, 36.986, 325.443)
contains.

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Color

CIELCh(40, 37.036, 325.442)

Conversions

Conversions Part 1

Format	Color
Hex	7F4C81
RGB	127, 76, 129
RGB Percent	50%, 30%, 51%
CMY	0.5022, 0.7022, 0.4944
CMYK	0.02, 0.41, 0.00, 0.49
HSL	298°, 26%, 40%
HSV	298°, 41%, 51%
XYZ	15.2814, 11.2510, 22.1131
YIQ	97.2910, 13.3830, 27.2950

Conversions

Conversions Part 2

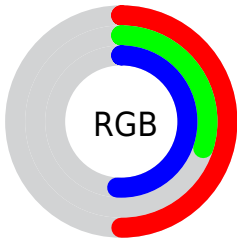
Format	Color
R_{YB}	127, 76, 129
Decimal	8342657
CIE _{Lab}	40.00, 30.50, -21.01
CIE _{LCh}	40, 37.036, 325.442
Yxy	11.2510, 0.3141, 0.2313
Android (android.graphics.Color)	4286532737 (0xFF7F4C81)
YUV	97.2910, 15.6325, 26.0548
Hunter-Lab	33.5425, 22.6222, -15.6076

Details

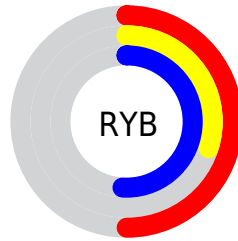
The CIELCh color $40, 37.036, 325.442$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $49, 36.999, 140.619$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 37.172, 325.577$, and $20, 37.161, 324.936$ is the 20% darker color. If you saturate the color by 10%, you get $37, 45.371, 325.866$, and if you desaturate by 10%, it is $43, 28.212, 324.975$.

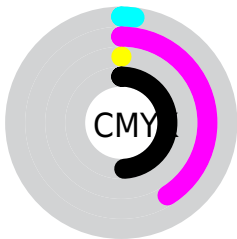
Distribution



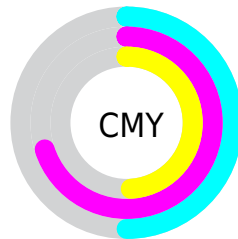
- Red (50%)
- Green (30%)
- Blue (51%)



- Red (50%)
- Yellow (30%)
- Blue (51%)



- Cyan (2%)
- Magenta (41%)
- Yellow (0%)
- Black (49%)





- Cyan (50%)
- Magenta (70%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 37.036, 325.442 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 40, 37.036, 325.442 by changing the saturation by 10% instead.

 40, 37.036,
325.442


 40, 37.036,
325.442

 100, 37.036,
325.442


 30, 37.036,
325.442

 60, 37.036,
325.442


 20, 37.036,
325.442

 70, 37.036,
325.442


 10, 37.036,
325.442

 80, 37.036,
325.442

 0, 37.036, 325.442

 90, 37.036,
325.442

 40, 37.036,

 40, 37.036,

325.442

325.442

■ 37, 45.371,
325.866

■ 43, 28.212,
324.975

■ 35, 52.919,
326.228

■ 46, 19.151,
324.482

■ 33, 59.343,
326.510

■ 50, 10.035,
323.971

■ 31, 64.334,
326.696

■ 54, 0.993, 323.306

■ 30, 67.692,
326.776


■ 57, 7.890, 143.019

■ 29, 69.815,
326.792

■ 61, 16.562,
142.531

■ 65, 24.996,
142.073

■ 69, 33.179,
141.639

 72, 41.109,
141.231

Harmonies

Complementary

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



40, 37.036, 325.442



49, 36.999, 140.619

Rectangle

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



40, 37.036, 325.442



40, 37.036, 15.442



40, 37.036, 145.442



40, 37.036, 195.442

Sweetspot

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



40, 37.034, 325.442



64, 13.496, 324.033



35, 31.351, 293.560



32, 8.915, 324.085



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



40, 37.034, 325.442



49, 54.189, 325.828



39, 27.717, 344.718



25, 5.042, 323.866



29, 69.253, 326.793



0, 0.000, 0.000

Inverse Universe

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



39, 24.194, 20.432



47, 36.747, 22.045



50, 26.763, 157.267



25, 2.952, 16.813



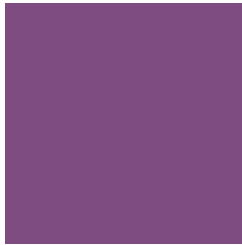
25, 59.992, 36.848



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 40, 37.036, 325.442 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 40, 37.036, 325.442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

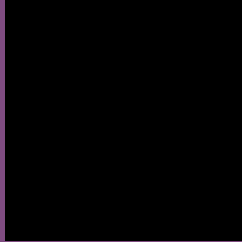
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 37.036, 325.442

Background



This preview shows how black text looks on a background with the CIELCh color 40, 37.036, 325.442.



This preview shows how white text looks on a background with the CIELCh color 40, 37.036, 325.442.

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

40, 37.036, 325.442

Protanopia

40, 30.586, 285.682

Deuteranopia

40, 20.161, 287.091



Tritanopia
40, 17.075, 7.754

Trichromacy



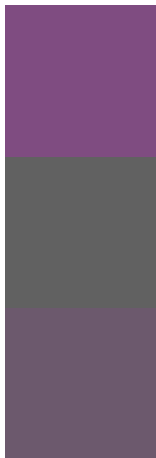
Original Color
40, 37.036, 325.442

Protanomaly
40, 31.378, 300.335

Deuteranomaly
40, 25.153, 306.377

Tritanomaly
40, 22.812, 343.579

Monochromacy



Original Color
40, 37.036, 325.442

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 14.444, 323.980

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 37.036, 325.442 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(127, 76, 129)` looks like.

```
.text, #text, p{  
    color:rgb(127, 76, 129)  
}
```

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(127, 76, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 76, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 37.036, 325.442 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(127, 76, 129) }
```

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

```
.border{ border-color:rgb(127, 76, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 76, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 76, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 76, 129);  
box-shadow:4px 4px 4px 4px rgb(127, 76,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 37.036, 325.442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 76, 129) }
```

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

```
.background{ background-color: rgb(127, 76,  
129) }
```

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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