

Converting Colors

CIELCh(37, 43.595, 324.882)

Have a look what the booklet for
CIELCh(37, 43.595, 324.882)
contains.

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Color

CIELCh(37, 43.383, 325.013)

Conversions

Conversions Part 1

Format	Color
Hex	7C4180
RGB	124, 65, 128
RGB Percent	49%, 25%, 50%
CMY	0.5154, 0.7466, 0.4996
CMYK	0.03, 0.49, 0.00, 0.50
HSL	296°, 33%, 38%
HSV	296°, 49%, 50%
XYZ	13.9893, 9.5379, 21.3846
YIQ	89.8230, 14.9410, 32.1010

Conversions

Conversions Part 2

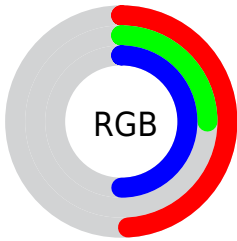
Format	Color
RYB	124, 65, 128
Decimal	8143232
CIELab	37.00, 35.54, -24.88
CIElCh	37, 43.383, 325.013
Yxy	9.5379, 0.3115, 0.2124
Android (android.graphics.Color)	4286333312 (0xFF7C4180)
YUV	89.8230, 18.8213, 29.9732
Hunter-Lab	30.8835, 26.8091, -19.4356

Details

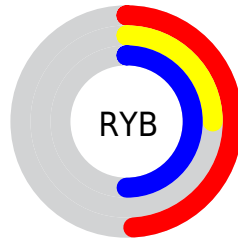
The CIELCh color $37, 43.383, 325.013$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $48, 43.307, 139.309$, and the grayscale version is $38, 0.005, 296.813$.

A 20% lighter version of the original color is $57, 43.405, 325.053$, and $17, 43.015, 325.193$ is the 20% darker color. If you saturate the color by 10%, you get $34, 51.059, 325.368$, and if you desaturate by 10%, it is $40, 35.011, 324.597$.

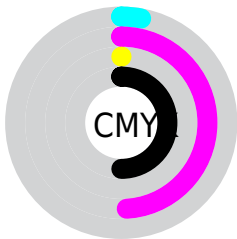
Distribution



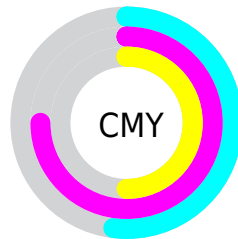
- Red (49%)
- Green (25%)
- Blue (50%)



- Red (49%)
- Yellow (25%)
- Blue (50%)



- Cyan (3%)
- Magenta (49%)
- Yellow (0%)
- Black (50%)





- Cyan (52%)
- Magenta (75%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 43.383, 325.013 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 37, 43.383, 325.013 by changing the saturation by 10% instead.


 37, 43.383,
325.013


 37, 43.383,
325.013

 100, 43.383,
325.013

 27, 43.383,
325.013

 57, 43.383,
325.013


 17, 43.383,
325.013


 67, 43.383,
325.013

 7, 43.383, 325.013

 77, 43.383,
325.013

 0, 43.383, 325.013

 87, 43.383,
325.013

 97, 43.383,
325.013

37, 43.383,
325.013

37, 43.383,
325.013

34, 51.059,
325.368

40, 35.011,
324.597

32, 57.713,
325.640

43, 26.236,
324.139

30, 63.017,
325.809

47, 17.281,
323.657

29, 66.730,
325.859

50, 8.312, 323.159

28, 69.243,
325.821

54, 0.559, 143.009

28, 69.405,
325.819

57, 9.259, 142.243

61, 17.746,
141.778

65, 25.996,
141.342

■ 69, 34.001,
140.931

Harmonies

Complementary

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



37, 43.383, 325.013



48, 43.307, 139.309

Rectangle

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



37, 43.383, 325.013



37, 43.383, 15.013



37, 43.383, 145.013



37, 43.383, 195.013

Sweetspot

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



37, 43.381, 325.013



61, 16.558, 323.460



32, 37.224, 294.442



31, 11.394, 323.547



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



37, 43.381, 325.013



45, 62.681, 325.400



36, 33.056, 344.744



25, 5.002, 323.146



28, 69.369, 325.819



0, 0.000, 0.000

Inverse Universe

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



35, 29.275, 19.966



42, 44.245, 22.469



49, 31.956, 155.477



25, 2.958, 14.718



25, 59.256, 35.789



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 37, 43.383, 325.013 looks on a white background.

Color Contrast Check

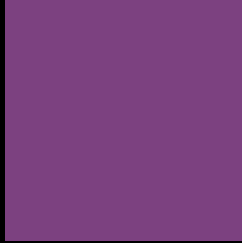
Large Text (above 18pt) WCAG AA ✓ Pass

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 37, 43.383, 325.013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

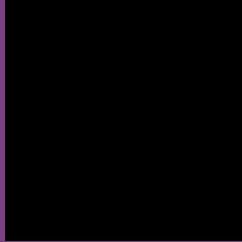
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 43.383, 325.013

Background



This preview shows how black text looks on a background with the CIELCh color 37, 43.383, 325.013.

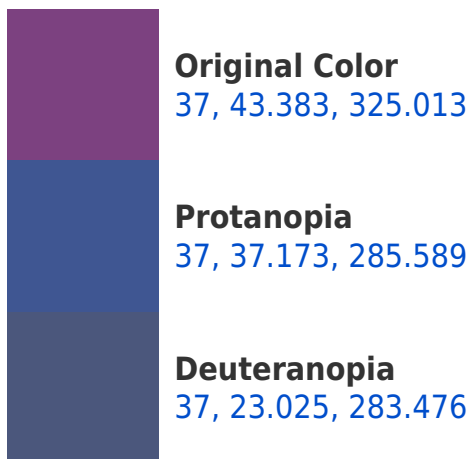


This preview shows how white text looks on a background with the CIELCh color 37, 43.383, 325.013.

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





Tritanopia
37, 19.049, 13.351

Trichromacy



Original Color
37, 43.383, 325.013

Protanomaly
36, 37.896, 299.302

Deuteranomaly
37, 29.029, 304.422

Tritanomaly
37, 25.322, 345.025

Monochromacy



Original Color
37, 43.383, 325.013

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 16.826, 324.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 43.383, 325.013 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(124, 65, 128)` looks like.

```
.text, #text, p{  
    color:rgb(124, 65, 128)  
}
```

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(124, 65, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 65, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 43.383, 325.013 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(124, 65, 128) }
```

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

```
.border{ border-color:rgb(124, 65, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 65, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 65, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 65, 128);  
box-shadow:4px 4px 4px 4px rgb(124, 65,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 43.383, 325.013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 65, 128) }
```

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

```
.background{ background-color: rgb(124, 65,  
128) }
```

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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