

Converting Colors

CIELCh(37, 37.186, 332.929)

Have a look what the booklet for
CIELCh(37, 37.186, 332.929)
contains.

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Color

CIELCh(37, 37.199, 332.906)

Conversions

Conversions Part 1

Format	Color
Hex	7E4273
RGB	126, 66, 115
RGB Percent	49%, 26%, 45%
CMY	0.5065, 0.7417, 0.5496
CMYK	0.00, 0.48, 0.09, 0.51
HSL	311°, 31%, 38%
HSV	311°, 48%, 49%
XYZ	13.6072, 9.5379, 17.2988
YIQ	89.5260, 20.0310, 27.9590

Conversions

Conversions Part 2

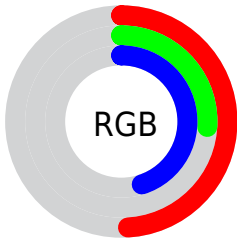
Format	Color
R_{YB}	126, 66, 115
Decimal	8274547
CIE _{Lab}	37.00, 33.12, -16.94
CIE _{LCh}	37, 37.199, 332.906
Yxy	9.5379, 0.3364, 0.2358
Android (android.graphics.Color)	4286464627 (0xFF7E4273)
YUV	89.5260, 12.5587, 31.9877
Hunter-Lab	30.8835, 24.6003, -11.5917

Details

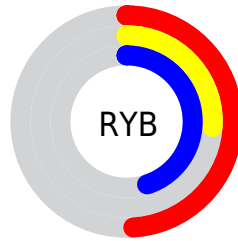
The CIELCh color **37, 37.199, 332.906** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **48, 37.220, 146.029**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 37.147, 332.927**, and **17, 37.516, 332.701** is the 20% darker color. If you saturate the color by 10%, you get **34, 44.010, 333.576**, and if you desaturate by 10%, it is **40, 29.754, 332.252**.

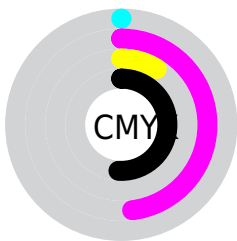
Distribution



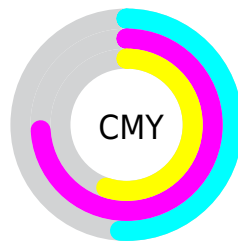
- Red (49%)
- Green (26%)
- Blue (45%)



- Red (49%)
- Yellow (26%)
- Blue (45%)



- Cyan (0%)
- Magenta (48%)
- Yellow (9%)
- Black (51%)




- Cyan (51%)
- Magenta (74%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 37.199, 332.906 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, 37.199, 332.906 by changing the saturation by 10% instead.

 37, 37.199,
332.906


 37, 37.199,
332.906

 100, 37.199,
332.906

 27, 37.199,
332.906

 57, 37.199,
332.906


 17, 37.199,
332.906

 67, 37.199,
332.906

 7, 37.199, 332.906

 77, 37.199,
332.906

 0, 37.199, 332.906

 87, 37.199,
332.906

 97, 37.199,
332.906

■ 37, 37.199,
332.906

■ 37, 37.199,
332.906

■ 34, 44.010,
333.576

■ 40, 29.754,
332.252

■ 32, 49.874,
334.268

■ 43, 21.950,
331.612

■ 30, 54.467,
334.994

■ 47, 13.996,
330.986

■ 29, 57.536,
335.774

■ 50, 6.041, 330.364

■ 28, 59.261,
336.617

■ 54, 1.815, 149.938

■ 28, 59.644,
336.812

■ 57, 9.509, 149.284

■ 61, 17.007,
148.742

■ 65, 24.290,
148.231

■ 68, 31.356,
147.748

Harmonies

Complementary

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



37, 37.199, 332.906



48, 37.220, 146.029

Rectangle

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



37, 37.199, 332.906



37, 37.199, 22.906



37, 37.199, 152.906



37, 37.199, 202.906

Sweetspot

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



37, 37.197, 332.906



61, 13.699, 330.779



32, 38.211, 301.256



31, 9.417, 330.890



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



37, 37.197, 332.906



45, 53.702, 333.622



36, 28.338, 359.432



25, 4.493, 330.455



28, 60.198, 336.825



0, 0.000, 0.000

Inverse Universe

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



37, 37.197, 332.906



45, 53.702, 333.622



48, 25.142, 168.810



25, 4.493, 330.455



28, 60.198, 336.825



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 37, 37.199, 332.906 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, 37.199, 332.906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

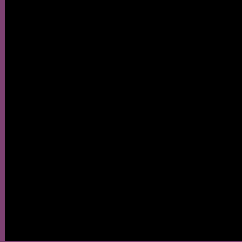
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 37.199, 332.906

Background



This preview shows how black text looks on a background with the CIELCh color 37, 37.199, 332.906.



This preview shows how white text looks on a background with the CIELCh color 37, 37.199, 332.906.

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

37, 37.199, 332.906

Protanopia

37, 27.940, 285.124

Deuteranopia

37, 15.449, 289.830



Tritanopia
37, 21.850, 15.086

Trichromacy



Original Color
37, 37.199, 332.906

Protanomaly
37, 28.978, 303.713

Deuteranomaly
37, 21.935, 313.908

Tritanomaly
37, 25.358, 353.712

Monochromacy



Original Color
37, 37.199, 332.906

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 13.666, 331.393

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 37.199, 332.906 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(126, 66, 115)` looks like.

```
.text, #text, p{  
    color:rgb(126, 66, 115)  
}
```

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(126, 66, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 66, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 37.199, 332.906 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(126, 66, 115) }
```

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

```
.border{ border-color:rgb(126, 66, 115) }
```

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

Here you see how a box with a 4 pixel rgb(126, 66, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 66, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 66, 115);  
box-shadow:4px 4px 4px 4px rgb(126, 66,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 37.199, 332.906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 66, 115) }
```

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

```
.background{ background-color: rgb(126, 66,  
115) }
```

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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