

Converting Colors

CIELCh(37, 34.650, 322.825)

Have a look what the booklet for
CIELCh(37, 34.650, 322.825)
contains.

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Color

CIELCh(37, 34.716, 322.982)

Conversions

Conversions Part 1

Format	Color
Hex	734779
RGB	115, 71, 121
RGB Percent	45%, 28%, 47%
CMY	0.5489, 0.7215, 0.5254
CMYK	0.05, 0.41, 0.00, 0.53
HSL	293°, 26%, 38%
HSV	293°, 41%, 47%
XYZ	12.7820, 9.5379, 19.2657
YIQ	89.8560, 10.1740, 24.8780

Conversions

Conversions Part 2

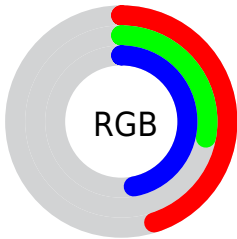
Format	Color
R_{YB}	115, 71, 121
Decimal	7554937
CIE _{Lab}	37.00, 27.72, -20.90
CIE _{LCh}	37, 34.716, 322.982
Yxy	9.5379, 0.3074, 0.2294
Android (android.graphics.Color)	4285745017 (0xFF734779)
YUV	89.8560, 15.3540, 22.0513
Hunter-Lab	30.8835, 19.8310, -15.3677

Details

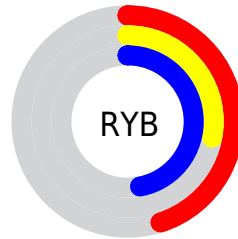
The CIELCh color $[37, 34.716, 322.982]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[47, 34.425, 138.679]$, and the grayscale version is $[38, 0.005, 296.813]$.

A 20% lighter version of the original color is $[57, 34.628, 322.767]$, and $[17, 34.534, 322.754]$ is the 20% darker color. If you saturate the color by 10%, you get $[34, 42.648, 323.359]$, and if you desaturate by 10%, it is $[40, 26.410, 322.559]$.

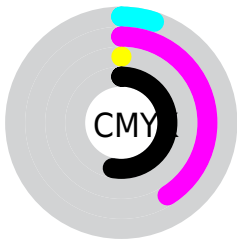
Distribution



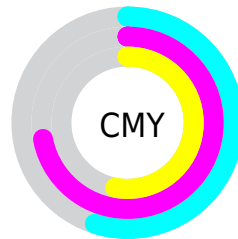
- Red (45%)
- Green (28%)
- Blue (47%)



- Red (45%)
- Yellow (28%)
- Blue (47%)



- Cyan (5%)
- Magenta (41%)
- Yellow (0%)
- Black (53%)





- Cyan (55%)
- Magenta (72%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 34.716, 322.982 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, 34.716, 322.982 by changing the saturation by 10% instead.


 37, 34.716,
322.982


 37, 34.716,
322.982

 100, 34.716,
322.982

 27, 34.716,
322.982

 57, 34.716,
322.982


 17, 34.716,
322.982


 67, 34.716,
322.982

 7, 34.716, 322.982

 77, 34.716,
322.982

 0, 34.716, 322.982

 87, 34.716,
322.982

 97, 34.716,
322.982

37, 34.716,
322.982

37, 34.716,
322.982

34, 42.648,
323.359

40, 26.410,
322.559

31, 49.938,
323.665

43, 17.946,
322.109

29, 56.263,
323.873

47, 9.473, 321.645

27, 61.299,
323.955

50, 1.095, 321.063

54, 7.125, 140.789

26, 64.797,
323.886

58, 15.147,
140.354

25, 67.143,
323.766

61, 22.952,
139.949

65, 30.533,
139.570

■ 68, 37.889,
139.218

Harmonies

Complementary

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



37, 34.716, 322.982



47, 34.425, 138.679

Rectangle

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



37, 34.716, 322.982



37, 34.716, 12.982



37, 34.716, 142.982



37, 34.716, 192.982

Sweetspot

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



37, 34.715, 322.982



60, 12.514, 321.691



34, 27.151, 289.896



30, 8.260, 321.736



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



37, 34.715, 322.982



45, 51.722, 323.357



37, 27.864, 340.364



24, 4.753, 321.539



26, 68.701, 323.752



55, 115.724, 323.519

Inverse Universe

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



36, 22.882, 14.197



44, 35.120, 16.068



47, 27.317, 153.526



24, 2.883, 10.198



25, 56.643, 32.970



53, 98.237, 35.689

Previews

White Background



This preview shows how the CIELCh color 37, 34.716, 322.982 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 CIE LCh color 37, 34.716, 322.982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

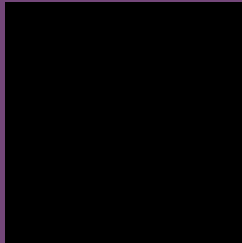
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 34.716, 322.982

Background



This preview shows how black text looks on a background with the CIELCh color 37, 34.716, 322.982.



This preview shows how white text looks on a background with the CIELCh color 37, 34.716, 322.982.

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, 34.716, 322.982

Protanopia

37, 29.173, 285.201

Deuteranopia

37, 19.847, 286.051



Tritanopia
37, 14.116, 6.606

Trichromacy



Original Color
37, 34.716, 322.982

Protanomaly
37, 29.834, 298.700

Deuteranomaly
37, 23.969, 303.526

Tritanomaly
37, 20.127, 340.590

Monochromacy



Original Color
37, 34.716, 322.982

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 12.942, 322.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 34.716, 322.982 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(115, 71, 121)` looks like.

```
.text, #text, p{  
    color:rgb(115, 71, 121)  
}
```

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(115, 71, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 71, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 34.716, 322.982 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(115, 71, 121) }
```

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

```
.border{ border-color:rgb(115, 71, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 71, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 71, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 71, 121);  
box-shadow:4px 4px 4px 4px rgb(115, 71,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 34.716, 322.982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 71, 121) }
```

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

```
.background{ background-color: rgb(115, 71,  
121) }
```

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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