

Converting Colors

CIELCh(37, 14.731, 303.372)

Have a look what the booklet for
CIELCh(37, 14.731, 303.372)
contains.

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Color

CIELCh(37, 14.548, 303.247)

Conversions

Conversions Part 1

Format	Color
Hex	5B546B
RGB	91, 84, 107
RGB Percent	36%, 33%, 42%
CMY	0.6447, 0.6721, 0.5820
CMYK	0.15, 0.22, 0.00, 0.58
HSL	258°, 12%, 37%
HSV	258°, 22%, 42%
XYZ	10.0486, 9.5379, 15.1102
YIQ	88.7150, -3.2110, 8.6370

Conversions

Conversions Part 2

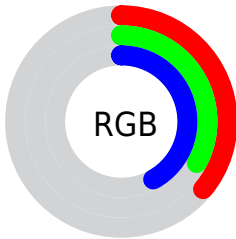
Format	Color
R_{YB}	91, 84, 107
Decimal	5985387
CIE Lab	37.00, 7.98, -12.17
CIE LCh	37, 14.548, 303.247
Yxy	9.5379, 0.2896, 0.2749
Android (android.graphics.Color)	4284175467 (0xFF5B546B)
YUV	88.7150, 9.0145, 2.0039
Hunter-Lab	30.8835, 4.0324, -7.3900

Details

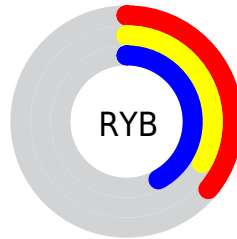
The CIELCh color **37, 14.548, 303.247** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **44, 13.990, 120.796**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 13.994, 302.416**, and **17, 14.883, 303.383** is the 20% darker color. If you saturate the color by 10%, you get **33, 21.643, 303.962**, and if you desaturate by 10%, it is **41, 7.672, 302.604**.

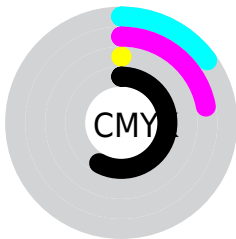
Distribution



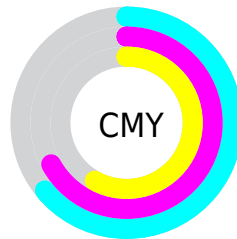
- Red (36%)
- Green (33%)
- Blue (42%)



- Red (36%)
- Yellow (33%)
- Blue (42%)



- Cyan (15%)
- Magenta (22%)
- Yellow (0%)
- Black (58%)



- Cyan (64%)
- Magenta (67%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 37, 14.548, 303.247 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, 14.548, 303.247 by changing the saturation by 10% instead.

■ 37, 14.548,
303.247

■ 37, 14.548,
303.247

■ 100, 14.548,
303.247

■ 27, 14.548,
303.247

■ 57, 14.548,
303.247

■ 17, 14.548,
303.247

■ 67, 14.548,
303.247

■ 7, 14.548, 303.247

■ 77, 14.548,
303.247

■ 0, 14.548, 303.247

■ 87, 14.548,
303.247

■ 97, 14.548,
303.247

■ 37, 14.548,
303.247

■ 37, 14.548,
303.247

■ 33, 21.643,
303.962

■ 41, 7.672, 302.604

■ 44, 1.023, 302.011

■ 30, 28.938,
304.749

■ 48, 5.406, 121.550

■ 26, 36.376,
305.593

■ 52, 11.623,
121.111

■ 22, 43.839,
306.459

■ 56, 17.639,
120.731

■ 19, 51.102,
307.287

■ 59, 23.466,
120.402

■ 16, 57.780,
307.976


■ 63, 29.114,
120.117

■ 14, 63.318,
308.389

■ 66, 34.594,
119.870

■ 12, 67.889,

308.861

 70, 39.916,
119.658

Harmonies

Complementary

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



37, 14.548, 303.247



44, 13.990, 120.796

Rectangle

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



37, 14.548, 303.247



37, 14.548, 353.247



37, 14.548, 123.247



37, 14.548, 173.247

Sweetspot

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



37, 14.547, 303.246



55, 4.872, 302.286



41, 7.400, 233.355



27, 3.210, 302.310



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



37, 14.547, 303.246



45, 21.829, 303.605



38, 16.010, 319.706



20, 3.728, 302.449



14, 72.762, 308.757



34, 126.075, 308.223

Inverse Universe

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



38, 13.707, 335.878



47, 20.421, 336.252



43, 15.857, 137.809



21, 3.560, 334.996



25, 52.267, 344.323



54, 88.962, 345.596

Previews

White Background



This preview shows how the CIELCh color 37, 14.548, 303.247 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, 14.548, 303.247 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, 14.548, 303.247

Background



This preview shows how black text looks on a background with the CIELCh color 37, 14.548, 303.247.



This preview shows how white text looks on a background with the CIELCh color 37, 14.548, 303.247.

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, 14.548, 303.247

Protanopia

37, 13.652, 285.965

Deuteranopia

37, 13.018, 293.959



Tritanopia
37, 4.424, 301.675

Trichromacy



Original Color
37, 14.548, 303.247

Protanomaly
37, 13.624, 292.353

Deuteranomaly
37, 13.756, 298.848

Tritanomaly
37, 8.240, 302.826

Monochromacy



Original Color
37, 14.548, 303.247

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 5.721, 303.534

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 14.548, 303.247 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(91, 84, 107)` looks like.

```
.text, #text, p{  
    color:rgb(91, 84, 107)  
}
```

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(91, 84, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 84, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 14.548, 303.247 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(91, 84, 107) }
```

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

```
.border{ border-color:rgb(91, 84, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 84, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 84, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 84, 107);  
box-shadow:4px 4px 4px 4px rgb(91, 84,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 14.548, 303.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 84, 107) }
```

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

```
.background{ background-color: rgb(91, 84,  
107) }
```

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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