

Converting Colors

CIELCh(37, 14.772, 345.879)

Have a look what the booklet for
CIELCh(37, 14.772, 345.879)
contains.

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Color

CIELCh(37, 14.673, 345.868)

Conversions

Conversions Part 1

Format	Color
Hex	6B4F5D
RGB	107, 79, 93
RGB Percent	42%, 31%, 36%
CMY	0.5798, 0.6897, 0.6348
CMYK	0.00, 0.26, 0.13, 0.58
HSL	330°, 15%, 37%
HSV	330°, 26%, 42%
XYZ	10.8671, 9.5379, 11.6551
YIQ	88.9680, 12.1940, 10.2900

Conversions

Conversions Part 2

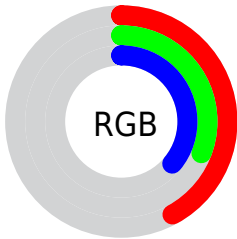
Format	Color
R_{YB}	107, 79, 93
Decimal	7032669
CIE Lab	37.00, 14.23, -3.58
CIE LCh	37, 14.673, 345.868
Yxy	9.5379, 0.3390, 0.2975
Android (android.graphics.Color)	4285222749 (0xFF6B4F5D)
YUV	88.9680, 1.9878, 15.8141
Hunter-Lab	30.8835, 8.7635, -0.7570

Details

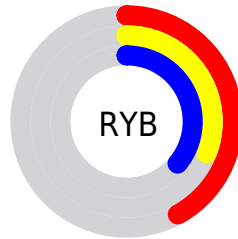
The CIELCh color $[37, 14.673, 345.868]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[43, 14.228, 161.443]$, and the grayscale version is $[38, 0.005, 296.813]$.

A 20% lighter version of the original color is $[57, 14.907, 346.211]$, and $[17, 14.710, 346.046]$ is the 20% darker color. If you saturate the color by 10%, you get $[34, 20.352, 346.912]$, and if you desaturate by 10%, it is $[40, 8.985, 344.935]$.

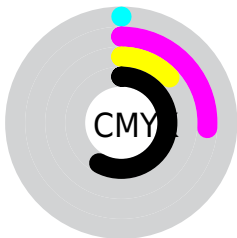
Distribution



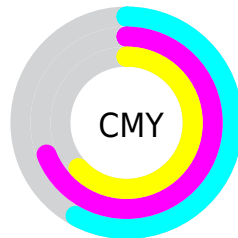
- Red (42%)
- Green (31%)
- Blue (36%)



- Red (42%)
- Yellow (31%)
- Blue (36%)



- Cyan (0%)
- Magenta (26%)
- Yellow (13%)
- Black (58%)



- Cyan (58%)
- Magenta (69%)
- Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 37, 14.673, 345.868 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, 14.673, 345.868 by changing the saturation by 10% instead.

 37, 14.673,
345.868


 37, 14.673,
345.868

 100, 14.673,
345.868

 27, 14.673,
345.868

 57, 14.673,
345.868


 17, 14.673,
345.868

 67, 14.673,
345.868

 7, 14.673, 345.868

 77, 14.673,
345.868

 0, 14.673, 345.868

 87, 14.673,
345.868

 97, 14.673,
345.868

37, 14.673,
345.868

37, 14.673,
345.868

34, 20.352,
346.912

40, 8.985, 344.935

31, 25.893,
348.099

43, 3.381, 344.055

47, 2.090, 163.495

29, 31.109,
349.480

50, 7.398, 162.710

26, 35.765,
351.126

53, 12.533,
162.053

24, 39.599,
353.132

56, 17.492,
161.450

23, 42.383,
355.621

60, 22.281,
160.893

22, 44.235,
358.593

63, 26.910,
160.373

22, 44.985,

66, 31.387,

359.715

159.889

Harmonies

Complementary

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



37, 14.673, 345.868



43, 14.228, 161.443

Rectangle

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



37, 14.673, 345.868



37, 14.673, 35.868



37, 14.673, 165.868



37, 14.673, 215.868

Sweetspot

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



37, 14.671, 345.870



55, 5.508, 344.241



36, 18.340, 310.243



28, 3.951, 344.349



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



37, 14.671, 345.870



46, 21.760, 346.452



37, 12.625, 21.298



21, 3.103, 344.306



24, 47.926, 0.166



53, 82.062, 2.846

Inverse Universe

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



37, 14.671, 345.870



46, 21.760, 346.452



43, 10.706, 198.171



21, 3.103, 344.306



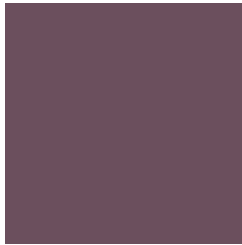
24, 47.926, 0.166



53, 82.062, 2.846

Previews

White Background



This preview shows how the CIELCh color 37, 14.673, 345.868 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, 14.673, 345.868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

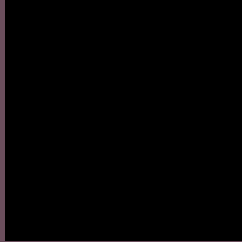
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 14.673, 345.868

Background



This preview shows how black text looks on a background with the CIELCh color 37, 14.673, 345.868.



This preview shows how white text looks on a background with the CIELCh color 37, 14.673, 345.868.

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, 14.673, 345.868

Protanopia

37, 6.800, 287.874

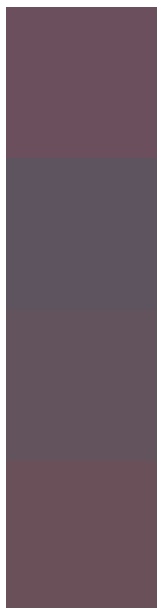
Deuteranopia

37, 5.778, 331.847



Tritanopia
37, 11.942, 3.353

Trichromacy



Original Color
37, 14.673, 345.868

Protanomaly
37, 8.541, 320.311

Deuteranomaly
37, 8.789, 341.620

Tritanomaly
37, 12.508, 355.193

Monochromacy



Original Color
37, 14.673, 345.868

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 5.979, 342.099

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 14.673, 345.868 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(107, 79, 93)` looks like.

```
.text, #text, p{  
    color:rgb(107, 79, 93)  
}
```

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(107, 79, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 79, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 14.673, 345.868 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(107, 79, 93) }
```

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

```
.border{ border-color:rgb(107, 79, 93) }
```

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

Here you see how a box with a 4 pixel rgb(107, 79, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 79, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 79, 93);  
box-shadow:4px 4px 4px 4px rgb(107, 79,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 14.673, 345.868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 79, 93) }
```

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

```
.background{ background-color: rgb(107, 79,  
93) }
```

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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