

Converting Colors

CIELCh(37, 13.910, 21.514)

Have a look what the booklet for
CIELCh(37, 13.910, 21.514) contains.

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Color

CIELCh(37, 14.017, 21.517)

Conversions

Conversions Part 1

Format	Color
Hex	6E4F4F
RGB	110, 79, 79
RGB Percent	43%, 31%, 31%
CMY	0.5674, 0.6890, 0.6891
CMYK	0.00, 0.28, 0.28, 0.57
HSL	0°, 16%, 37%
HSV	0°, 28%, 43%
XYZ	10.7082, 9.5379, 8.7291
YIQ	88.2690, 18.4760, 6.5720

Conversions

Conversions Part 2

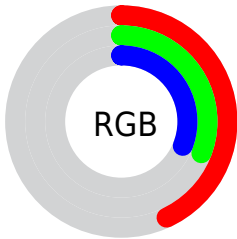
Format	Color
R_{YB}	110, 79, 79
Decimal	7229263
CIE Lab	37.00, 13.04, 5.14
CIE LCh	37, 14.017, 21.517
Yxy	9.5379, 0.3696, 0.3292
Android (android.graphics.Color)	4285419343 (0xFF6E4F4F)
YUV	88.2690, -4.5696, 19.0581
Hunter-Lab	30.8835, 7.8450, 4.8604

Details

The CIELCh color **37, 14.017, 21.517** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **44, 11.714, 198.093**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 14.004, 20.888**, and **17, 13.975, 20.297** is the 20% darker color. If you saturate the color by 10%, you get **34, 19.670, 22.723**, and if you desaturate by 10%, it is **40, 8.707, 20.580**.

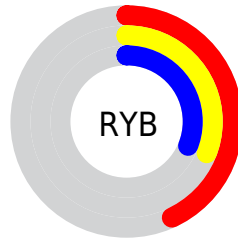
Distribution



Red (43%)

Green (31%)

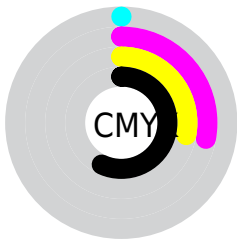
Blue (31%)



Red (43%)

Yellow (31%)

Blue (31%)

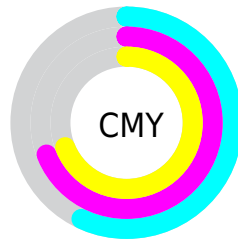


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (57%)



Cyan (57%)

Magenta (69%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 37, 14.017, 21.517 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, 14.017, 21.517 by changing the saturation by 10% instead.

■ 37, 14.017, 21.517

■ 37, 14.017, 21.517

■ 100, 14.017,
21.517

■ 27, 14.017, 21.517

■ 57, 14.017, 21.517

■ 17, 14.017, 21.517

■ 67, 14.017, 21.517

■ 7, 14.017, 21.517

■ 77, 14.017, 21.517

■ 0, 14.017, 21.517

■ 87, 14.017, 21.517

■ 97, 14.017, 21.517

■ 37, 14.017, 21.517

■ 37, 14.017, 21.517

■ 34, 19.670, 22.723

■ 40, 8.707, 20.580

31, 25.617, 24.268

44, 3.760, 19.802

28, 31.760, 26.251

47, 0.836, 199.754

26, 37.948, 28.757

51, 5.104, 198.942

24, 43.975, 31.798

54, 9.072, 198.546

22, 49.364, 34.899

58, 12.772,
198.238

22, 53.301, 36.650

61, 16.236,
197.990

21, 54.038, 36.922

65, 19.490,
197.786

68, 22.560,
197.616

Harmonies

Complementary

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



37, 14.017, 21.517



44, 11.714, 198.093

Rectangle

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



37, 14.017, 21.517



37, 14.017, 71.517



37, 14.017, 201.517



37, 14.017, 251.517

Sweetspot

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



37, 14.016, 21.522



56, 4.578, 19.809



38, 22.694, 325.883



28, 3.245, 19.900



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, 14.016, 21.522



45, 21.444, 22.302



41, 11.763, 72.116



22, 2.649, 19.870



24, 57.999, 37.793



52, 102.188, 40.001

Inverse Universe

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



44, 11.714, 198.093



56, 17.069, 197.811



40, 10.941, 259.471



23, 2.510, 199.042



45, 28.669, 196.408



89, 48.961, 196.409

Previews

White Background



This preview shows how the CIELCh color 37, 14.017, 21.517 looks on a white background.

Color Contrast Check

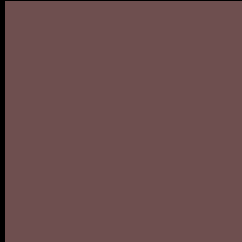
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.017, 21.517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

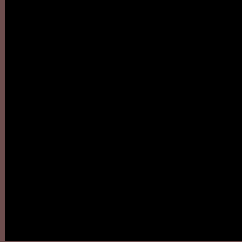
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 14.017, 21.517

Background



This preview shows how black text looks on a background with the CIELCh color 37, 14.017, 21.517.



This preview shows how white text looks on a background with the CIELCh color 37, 14.017, 21.517.

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, 14.017, 21.517

Protanopia

37, 2.775, 81.773

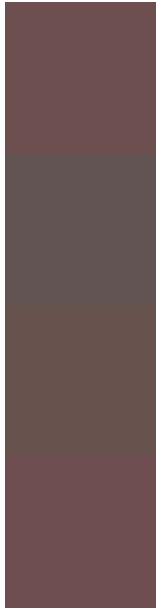
Deuteranopia

37, 7.712, 48.650



Tritanopia
37, 15.018, 7.701

Trichromacy



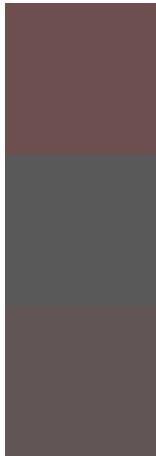
Original Color
37, 14.017, 21.517

Protanomaly
37, 5.867, 32.214

Deuteranomaly
37, 9.828, 35.087

Tritanomaly
37, 14.899, 12.343

Monochromacy



Original Color
37, 14.017, 21.517

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 5.230, 20.096

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 14.017, 21.517 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(110, 79, 79)` looks like.

```
.text, #text, p{  
    color:rgb(110, 79, 79)  
}
```

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(110, 79, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 79, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 14.017, 21.517 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(110, 79, 79) }
```

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

```
.border{ border-color:rgb(110, 79, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 79, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 79, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 79, 79);  
box-shadow:4px 4px 4px 4px rgb(110, 79,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 14.017, 21.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 79, 79) }
```

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

```
.background{ background-color: rgb(110, 79,  
79) }
```

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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