

Converting Colors

CIELCh(37, 14.835, 352.046)

Have a look what the booklet for
CIELCh(37, 14.835, 352.046)
contains.

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Color

CIELCh(37, 14.808, 352.020)

Conversions

Conversions Part 1

Format	Color
Hex	6D4F5B
RGB	109, 79, 91
RGB Percent	43%, 31%, 36%
CMY	0.5737, 0.6912, 0.6442
CMYK	0.00, 0.28, 0.17, 0.57
HSL	336°, 16%, 37%
HSV	336°, 28%, 43%
XYZ	10.9258, 9.5379, 11.1020
YIQ	89.3380, 14.0280, 10.0920

Conversions

Conversions Part 2

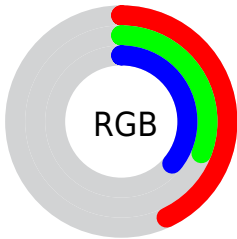
Format	Color
R_{YB}	109, 79, 91
Decimal	7163739
CIE Lab	37.00, 14.66, -2.06
CIE LCh	37, 14.808, 352.020
Yxy	9.5379, 0.3461, 0.3022
Android (android.graphics.Color)	4285353819 (0xFF6D4F5B)
YUV	89.3380, 0.8194, 17.2436
Hunter-Lab	30.8835, 9.1024, 0.3050

Details

The CIELCh color $[37, 14.808, 352.020]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[43, 14.066, 166.927]$, and the grayscale version is $[38, 0.005, 296.813]$.

A 20% lighter version of the original color is $[57, 15.029, 351.723]$, and $[17, 14.875, 353.170]$ is the 20% darker color. If you saturate the color by 10%, you get $[34, 20.311, 353.242]$, and if you desaturate by 10%, it is $[40, 9.331, 350.956]$.

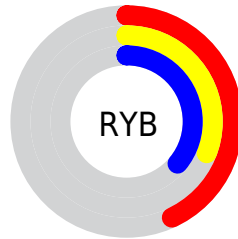
Distribution



Red (43%)

Green (31%)

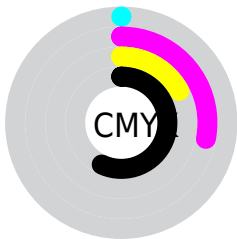
Blue (36%)



Red (43%)

Yellow (31%)

Blue (36%)

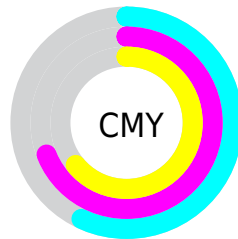


Cyan (0%)

Magenta (28%)

Yellow (17%)

Black (57%)



Cyan (57%)


Magenta (69%)


Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 14.808, 352.020 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, 14.808, 352.020 by changing the saturation by 10% instead.


 37, 14.808,
352.020


 37, 14.808,
352.020

 100, 14.808,
352.020


 27, 14.808,
352.020

 57, 14.808,
352.020


 17, 14.808,
352.020


 67, 14.808,
352.020

 7, 14.808, 352.020

 77, 14.808,
352.020

 0, 14.808, 352.020

 87, 14.808,
352.020

 97, 14.808,
352.020

37, 14.808,
352.020

37, 14.808,
352.020

34, 20.311,
353.242

40, 9.331, 350.956

31, 25.715,
354.668

43, 3.965, 349.983

47, 1.242, 169.449

29, 30.840,
356.374

50, 6.268, 168.512

26, 35.458,
358.457

53, 11.106,
167.807

24, 39.325, 1.046

57, 15.758,
167.170

23, 42.251, 4.291

60, 20.232,
166.586

22, 44.509, 8.052

22, 45.106, 8.923

64, 24.540,
166.047

67, 28.694,

Harmonies

Complementary

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



37, 14.808, 352.020



43, 14.066, 166.927

Rectangle

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



37, 14.808, 352.020



37, 14.808, 42.020



37, 14.808, 172.020



37, 14.808, 222.020

Sweetspot

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



37, 14.806, 352.022



55, 5.165, 350.044



36, 19.912, 313.077



28, 3.706, 350.162



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, 14.806, 352.022



45, 21.942, 352.769



37, 12.565, 28.123



21, 2.911, 350.115



24, 47.632, 9.392



52, 82.394, 12.689

Inverse Universe

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



37, 14.806, 352.022



45, 21.942, 352.769



43, 10.480, 206.535



21, 2.911, 350.115



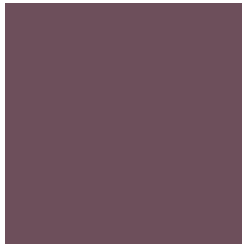
24, 47.632, 9.392



52, 82.394, 12.689

Previews

White Background



This preview shows how the CIELCh color 37, 14.808, 352.020 looks on a white background.

Color Contrast Check

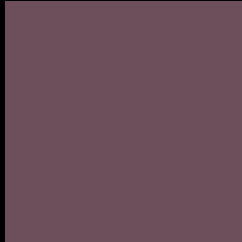
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.808, 352.020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

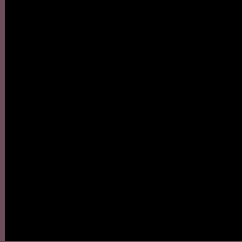
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 14.808, 352.020

Background



This preview shows how black text looks on a background with the CIELCh color 37, 14.808, 352.020.



This preview shows how white text looks on a background with the CIELCh color 37, 14.808, 352.020.

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, 14.808, 352.020

Protanopia

37, 5.569, 286.889

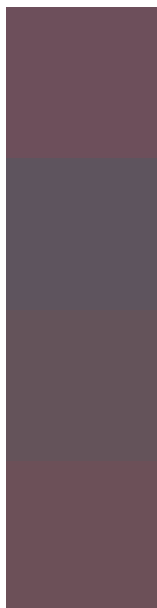
Deuteranopia

37, 5.275, 344.425



Tritanopia
37, 12.795, 4.756

Trichromacy



Original Color
37, 14.808, 352.020

Protanomaly
37, 7.499, 324.962

Deuteranomaly
37, 8.473, 350.152

Tritanomaly
37, 13.103, 359.544

Monochromacy



Original Color
37, 14.808, 352.020

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 5.629, 347.065

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 14.808, 352.020 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(109, 79, 91)` looks like.

```
.text, #text, p{  
    color:rgb(109, 79, 91)  
}
```

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(109, 79, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 79, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 14.808, 352.020 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(109, 79, 91) }
```

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

```
.border{ border-color:rgb(109, 79, 91) }
```

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

Here you see how a box with a 4 pixel rgb(109, 79, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 79, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 79, 91);  
box-shadow:4px 4px 4px 4px rgb(109, 79,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 14.808, 352.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 79, 91) }
```

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

```
.background{ background-color: rgb(109, 79,  
91) }
```

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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