

Converting Colors

CIELCh(37, 14.450, 353.603)

Have a look what the booklet for
CIELCh(37, 14.450, 353.603)
contains.

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Color

CIELCh(37, 14.559, 354.184)

Conversions

Conversions Part 1

Format	Color
Hex	6D4F5A
RGB	109, 79, 90
RGB Percent	43%, 31%, 35%
CMY	0.5733, 0.6909, 0.6478
CMYK	0.00, 0.28, 0.17, 0.57
HSL	338°, 16%, 37%
HSV	338°, 28%, 43%
XYZ	10.9015, 9.5379, 10.8963
YIQ	89.2240, 14.3490, 9.7810

Conversions

Conversions Part 2

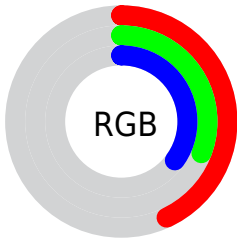
Format	Color
R_{YB}	109, 79, 90
Decimal	7163738
CIE Lab	37.00, 14.48, -1.48
CIE LCh	37, 14.559, 354.184
Yxy	9.5379, 0.3479, 0.3044
Android (android.graphics.Color)	4285353818 (0xFF6D4F5A)
YUV	89.2240, 0.3826, 17.3436
Hunter-Lab	30.8835, 8.9618, 0.6997

Details

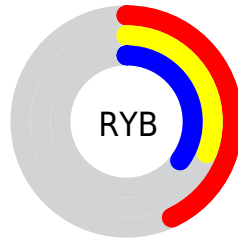
The CIELCh color $[37, 14.559, 354.184]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[43, 13.724, 168.999]$, and the grayscale version is $[38, 0.005, 296.813]$.

A 20% lighter version of the original color is $[57, 14.787, 353.679]$, and $[17, 14.875, 353.170]$ is the 20% darker color. If you saturate the color by 10%, you get $[34, 20.007, 355.453]$, and if you desaturate by 10%, it is $[40, 9.156, 353.086]$.

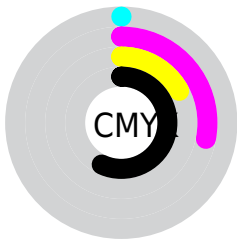
Distribution



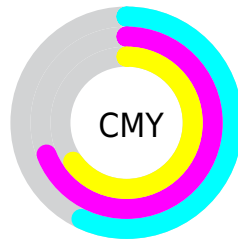
- Red (43%)
- Green (31%)
- Blue (35%)



- Red (43%)
- Yellow (31%)
- Blue (35%)



- Cyan (0%)
- Magenta (28%)
- Yellow (17%)
- Black (57%)





- Cyan (57%)
- Magenta (69%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 14.559, 354.184 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, 14.559, 354.184 by changing the saturation by 10% instead.


 37, 14.559,
354.184


 37, 14.559,
354.184

 100, 14.559,
354.184


 27, 14.559,
354.184

 57, 14.559,
354.184


 17, 14.559,
354.184


 67, 14.559,
354.184

 7, 14.559, 354.184

 77, 14.559,
354.184

 0, 14.559, 354.184

 87, 14.559,
354.184

 97, 14.559,
354.184

37, 14.559,
354.184

37, 14.559,
354.184

34, 20.007,
355.453

40, 9.156, 353.086

31, 25.383,
356.944

43, 3.881, 352.087

47, 1.225, 171.550

28, 30.510,
358.739

50, 6.141, 170.596

26, 35.170, 0.942

54, 10.863,
169.882

24, 39.127, 3.689

57, 15.396,
169.241

23, 42.201, 7.131

60, 19.748,
168.655

22, 44.666, 11.099

22, 45.323, 12.018

64, 23.932,
168.116

67, 27.962,

Harmonies

Complementary

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



37, 14.559, 354.184



43, 13.724, 168.999

Rectangle

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



37, 14.559, 354.184



37, 14.559, 44.184



37, 14.559, 174.184



37, 14.559, 224.184

Sweetspot

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



37, 14.557, 354.187



55, 5.063, 352.152



36, 20.042, 314.165



28, 3.633, 352.273



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, 14.557, 354.187



45, 21.595, 354.963



38, 12.224, 31.082



21, 2.854, 352.225



24, 47.863, 12.506



52, 83.141, 15.950

Inverse Universe

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



37, 14.557, 354.187



45, 21.595, 354.963



43, 10.190, 210.302



21, 2.854, 352.225



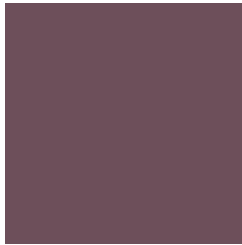
24, 47.863, 12.506



52, 83.141, 15.950

Previews

White Background



This preview shows how the CIE LCh color 37, 14.559, 354.184 looks on a white background.

Color Contrast Check

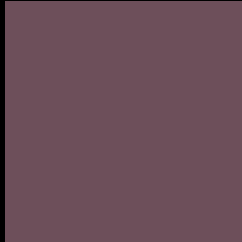
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.559, 354.184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

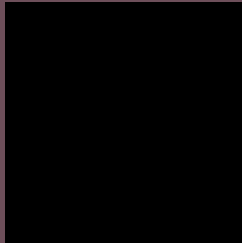
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 14.559, 354.184

Background



This preview shows how black text looks on a background with the CIELCh color 37, 14.559, 354.184.



This preview shows how white text looks on a background with the CIELCh color 37, 14.559, 354.184.

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, 14.559, 354.184

Protanopia

37, 4.944, 290.979

Deuteranopia

37, 4.949, 350.253



Tritanopia
37, 12.795, 4.756

Trichromacy



Original Color
37, 14.559, 354.184

Protanomaly
37, 7.263, 330.536

Deuteranomaly
37, 8.200, 353.911

Tritanomaly
37, 12.935, 2.117

Monochromacy



Original Color
37, 14.559, 354.184

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 5.328, 352.652

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 14.559, 354.184 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, 90)` looks like.

```
.text, #text, p{  
    color:rgb(109, 79, 90)  
}
```

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, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 79, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 14.559, 354.184 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, 90) }
```

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

```
.border{ border-color:rgb(109, 79, 90) }
```

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, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 79, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 79, 90);  
box-shadow:4px 4px 4px 4px rgb(109, 79,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 14.559, 354.184 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, 90) }
```

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

```
.background{ background-color: rgb(109, 79,  
90) }
```

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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