

Converting Colors

CIELCh(37, 18.593, 357.262)

Have a look what the booklet for
CIELCh(37, 18.593, 357.262)
contains.

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Color

CIELCh(37, 18.593, 357.262)

Conversions

Conversions Part 1

Format	Color
Hex	734C59
RGB	115, 76, 89
RGB Percent	45%, 30%, 35%
CMY	0.5490, 0.7019, 0.6509
CMYK	0.00, 0.34, 0.23, 0.55
HSL	340°, 20%, 37%
HSV	340°, 34%, 45%
XYZ	11.4611, 9.5379, 10.6909
YIQ	89.1430, 19.0710, 12.3110

Conversions

Conversions Part 2

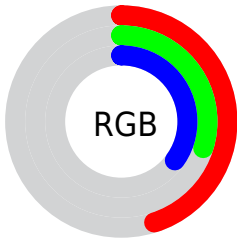
Format	Color
R _Y B	115, 76, 89
Decimal	7556185
CIE Lab	37.00, 18.57, -0.89
CIE LCh	37, 18.593, 357.262
Yxy	9.5379, 0.3617, 0.3010
Android (android.graphics.Color)	4285746265 (0xFF734C59)
YUV	89.1430, -0.0705, 22.6766
Hunter-Lab	30.8835, 12.1963, 1.0941

Details

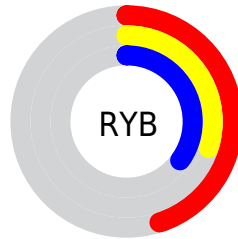
The CIELCh color $[37, 18.593, 357.262]$ is a dark color, and the websafe version is hex `#996666`. A complement of this color would be $[45, 17.090, 170.478]$, and the grayscale version is $[38, 0.005, 296.813]$.

A 20% lighter version of the original color is $[57, 18.909, 356.850]$, and $[17, 18.727, 356.914]$ is the 20% darker color. If you saturate the color by 10%, you get $[34, 24.231, 358.734]$, and if you desaturate by 10%, it is $[40, 12.951, 356.017]$.

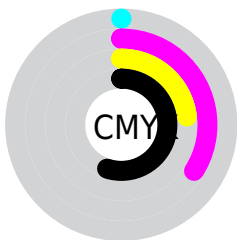
Distribution



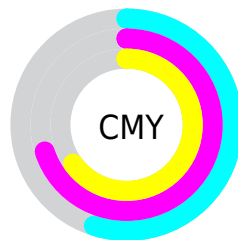
- Red (45%)
- Green (30%)
- Blue (35%)



- Red (45%)
- Yellow (30%)
- Blue (35%)



- Cyan (0%)
- Magenta (34%)
- Yellow (23%)
- Black (55%)





- Cyan (55%)
- Magenta (70%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 18.593, 357.262 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, 18.593, 357.262 by changing the saturation by 10% instead.

 37, 18.593,
357.262


 37, 18.593,
357.262

 100, 18.593,
357.262


 27, 18.593,
357.262

 57, 18.593,
357.262


 17, 18.593,
357.262


 67, 18.593,
357.262

 7, 18.593, 357.262

 77, 18.593,
357.262

 0, 18.593, 357.262

 87, 18.593,
357.262

 97, 18.593,
357.262

37, 18.593,
357.262

37, 18.593,
357.262

34, 24.231,
358.734

40, 12.951,
356.017

31, 29.710, 0.502

44, 7.415, 354.929

29, 34.819, 2.672

47, 2.047, 353.882

26, 39.318, 5.378

51, 3.120, 173.302

25, 42.997, 8.773

54, 8.077, 172.494

24, 45.820, 12.940

58, 12.824,
171.804

23, 47.566, 15.462

61, 17.371,
171.181

65, 21.730,
170.612

68, 25.915,

Harmonies

Complementary

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



37, 18.593, 357.262



45, 17.090, 170.478

Rectangle

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



37, 18.593, 357.262



37, 18.593, 47.262



37, 18.593, 177.262



37, 18.593, 227.262

Sweetspot

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



37, 18.591, 357.264



58, 6.602, 354.559



36, 26.181, 316.054



30, 4.548, 354.671



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



37, 18.591, 357.264



45, 28.177, 358.445



38, 15.569, 36.022



23, 3.024, 354.437



25, 49.797, 15.865



53, 85.548, 19.210

Inverse Universe

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



37, 18.591, 357.264



45, 28.177, 358.445



44, 12.376, 216.647



23, 3.024, 354.437



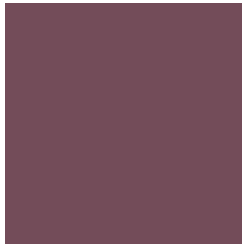
25, 49.797, 15.865



53, 85.548, 19.210

Previews

White Background



This preview shows how the CIE LCh color 37, 18.593, 357.262 looks on a white background.

Color Contrast Check

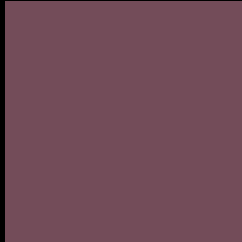
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.593, 357.262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

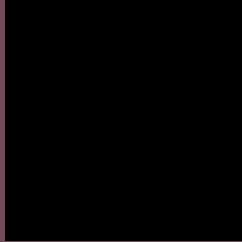
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 18.593, 357.262

Background



This preview shows how black text looks on a background with the CIELCh color 37, 18.593, 357.262.



This preview shows how white text looks on a background with the CIELCh color 37, 18.593, 357.262.

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, 18.593, 357.262

Protanopia
37, 5.561, 291.076

Deuteranopia
37, 4.910, 5.582



Tritanopia
37, 16.810, 9.581

Trichromacy



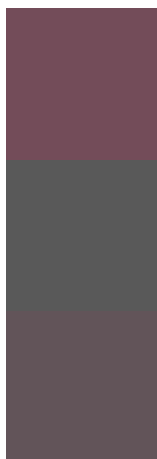
Original Color
37, 18.593, 357.262

Protanomaly
37, 8.571, 334.606

Deuteranomaly
37, 9.815, 358.884

Tritanomaly
37, 16.975, 5.496

Monochromacy



Original Color
37, 18.593, 357.262

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 6.763, 353.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 18.593, 357.262 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(115, 76, 89)` looks like.

```
.text, #text, p{  
    color:rgb(115, 76, 89)  
}
```

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(115, 76, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 76, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 18.593, 357.262 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(115, 76, 89) }
```

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

```
.border{ border-color:rgb(115, 76, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 76, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 76, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 76, 89);  
box-shadow:4px 4px 4px 4px rgb(115, 76,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 18.593, 357.262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 76, 89) }
```

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

```
.background{ background-color: rgb(115, 76,  
89) }
```

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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