

Converting Colors

CIELCh(37, 35.884, 352.115)

Have a look what the booklet for
CIELCh(37, 35.884, 352.115)
contains.

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Color

CIELCh(37, 35.990, 352.017)

Conversions

Conversions Part 1

Format	Color
Hex	883E60
RGB	136, 62, 96
RGB Percent	53%, 24%, 38%
CMY	0.4664, 0.7566, 0.6233
CMYK	0.00, 0.54, 0.29, 0.47
HSL	332°, 37%, 39%
HSV	332°, 54%, 53%
XYZ	14.0050, 9.5379, 12.1842
YIQ	88.0020, 33.1900, 26.2620

Conversions

Conversions Part 2

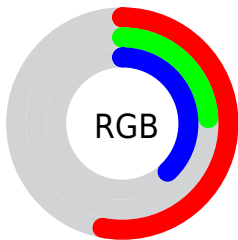
Format	Color
R_{YB}	136, 62, 96
Decimal	8928864
CIE _{Lab}	37.00, 35.64, -5.00
CIE _{LCh}	37, 35.990, 352.017
Yxy	9.5379, 0.3920, 0.2670
Android (android.graphics.Color)	4287118944 (0xFF883E60)
YUV	88.0020, 3.9430, 42.0942
Hunter-Lab	30.8835, 26.8994, -1.7727

Details

The CIELCh color **37, 35.990, 352.017** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **51, 33.528, 160.169**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 35.983, 352.077**, and **17, 35.952, 351.718** is the 20% darker color. If you saturate the color by 10%, you get **34, 41.652, 353.852**, and if you desaturate by 10%, it is **40, 29.681, 350.500**.

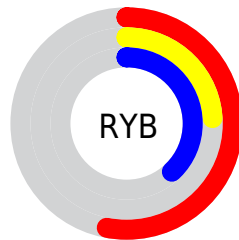
Distribution



Red (53%)

Green (24%)

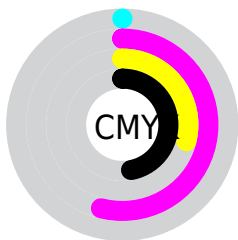
Blue (38%)



Red (53%)

Yellow (24%)

Blue (38%)

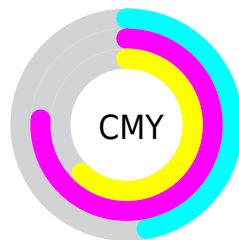


Cyan (0%)

Magenta (54%)

Yellow (29%)

Black (47%)



Cyan (47%)


Magenta (76%)


Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 35.990, 352.017 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, 35.990, 352.017 by changing the saturation by 10% instead.


 37, 35.990,
352.017


 37, 35.990,
352.017

 100, 35.990,
352.017

 27, 35.990,
352.017

 57, 35.990,
352.017

 17, 35.990,
352.017


 67, 35.990,
352.017

 7, 35.990, 352.017

 77, 35.990,
352.017

 0, 35.990, 352.017

 87, 35.990,
352.017

 97, 35.990,
352.017

37, 35.990,
352.017

37, 35.990,
352.017

34, 41.652,
353.852

40, 29.681,
350.500

32, 46.350,
356.116

44, 23.023,
349.212

30, 49.803,
358.957

47, 16.237,
348.094

29, 51.924, 2.513

51, 9.482, 347.101

28, 52.970, 4.614

55, 2.855, 346.147

59, 3.586, 165.554

63, 9.813, 164.776

67, 15.817,
164.101

71, 21.601,

Harmonies

Complementary

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



37, 35.990, 352.017



51, 33.528, 160.169

Rectangle

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



37, 35.990, 352.017



37, 35.990, 42.017



37, 35.990, 172.017



37, 35.990, 222.017

Sweetspot

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



37, 35.988, 352.018



64, 13.038, 347.288



34, 47.608, 312.753



33, 8.889, 347.459



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



37, 35.988, 352.018



44, 51.545, 354.270



37, 34.214, 27.714



27, 3.731, 346.612



28, 51.993, 4.490



0, 1.711, 345.895

Inverse Universe

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



37, 35.988, 352.018



44, 51.545, 354.270



52, 22.997, 200.784



27, 3.731, 346.612



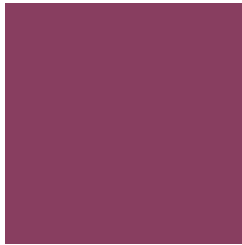
28, 51.993, 4.490



0, 1.711, 345.895

Previews

White Background



This preview shows how the CIELCh color 37, 35.990, 352.017 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, 35.990, 352.017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

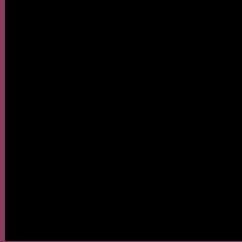
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 35.990, 352.017

Background



This preview shows how black text looks on a background with the CIELCh color 37, 35.990, 352.017.

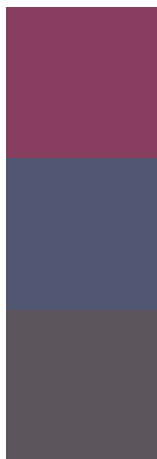


This preview shows how white text looks on a background with the CIELCh color 37, 35.990, 352.017.

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, 35.990, 352.017

Protanopia

37, 15.527, 284.366

Deuteranopia

37, 5.778, 331.847



Tritanopia
37, 30.861, 19.325

Trichromacy



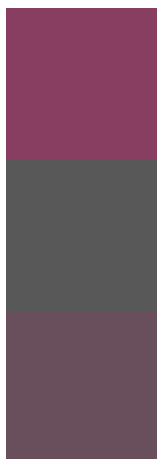
Original Color
37, 35.990, 352.017

Protanomaly
36, 19.676, 320.565

Deuteranomaly
37, 16.743, 346.193

Tritanomaly
37, 31.984, 8.055

Monochromacy



Original Color
37, 35.990, 352.017

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 13.341, 347.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 35.990, 352.017 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(136, 62, 96)` looks like.

```
.text, #text, p{  
    color:rgb(136, 62, 96)  
}
```

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(136, 62, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 62, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 35.990, 352.017 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(136, 62, 96) }
```

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

```
.border{ border-color:rgb(136, 62, 96) }
```

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

Here you see how a box with a 4 pixel rgb(136, 62, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 62, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 62, 96);  
box-shadow:4px 4px 4px 4px rgb(136, 62,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 35.990, 352.017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 62, 96) }
```

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

```
.background{ background-color: rgb(136, 62,  
96) }
```

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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