

Converting Colors

CIELCh(37, 44.251, 20.791)

Have a look what the booklet for
CIELCh(37, 44.251, 20.791) contains.

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Color

CIELCh(37, 44.315, 20.905)

Conversions

Conversions Part 1	
Format	Color
Hex	973640
RGB	151, 54, 64
RGB Percent	59%, 21%, 25%
CMY	0.4089, 0.7891, 0.7498
CMYK	0.00, 0.64, 0.58, 0.41
HSL	354°, 47%, 40%
HSV	354°, 64%, 59%
XYZ	14.9409, 9.5379, 5.8731
YIQ	84.1430, 54.6020, 23.6740

Conversions

Conversions Part 2

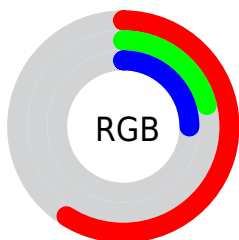
Format	Color
RYB	151, 54, 64
Decimal	9909824
CIELab	37.00, 41.40, 15.81
CIELCh	37, 44.315, 20.905
Yxy	9.5379, 0.4923, 0.3142
Android (android.graphics.Color)	4288099904 (0xFF973640)
YUV	84.1430, -9.9305, 58.6336
Hunter-Lab	30.8835, 32.3091, 10.3434

Details

The CIELCh color **37, 44.315, 20.905** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **57, 30.574, 185.724**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 43.962, 20.751**, and **18, 42.622, 22.640** is the 20% darker color. If you saturate the color by 10%, you get **34, 51.263, 24.235**, and if you desaturate by 10%, it is **40, 37.034, 18.249**.

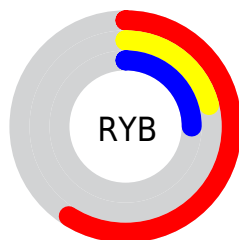
Distribution



Red (59%)

Green (21%)

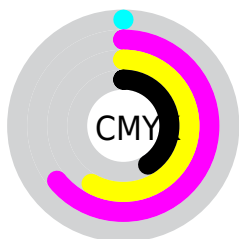
Blue (25%)



Red (59%)

Yellow (21%)

Blue (25%)

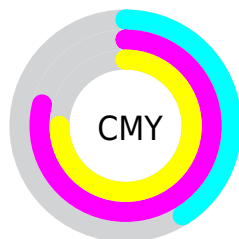


Cyan (0%)

Magenta (64%)

Yellow (58%)

Black (41%)



Cyan (41%)

Magenta (79%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 37, 44.315, 20.905 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, 44.315, 20.905 by changing the saturation by 10% instead.

 37, 44.315, 20.905

 37, 44.315, 20.905

 100, 44.315,
20.905

 27, 44.315, 20.905

 57, 44.315, 20.905

 17, 44.315, 20.905

 67, 44.315, 20.905

 7, 44.315, 20.905

 77, 44.315, 20.905

 0, 44.315, 20.905

 87, 44.315, 20.905

 97, 44.315, 20.905

 37, 44.315, 20.905

 37, 44.315, 20.905

 34, 51.263, 24.235

 40, 37.034, 18.249

 33, 57.661, 28.248

 44, 29.669, 16.149

 31, 63.300, 32.702

 48, 22.424, 14.485

 31, 66.277, 34.909


 52, 15.447, 13.150

 56, 8.822, 12.053

 60, 2.583, 11.047

 65, 3.269, 190.604

 69, 8.751, 189.890

 74, 13.892,
189.328

Harmonies

Complementary

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



37, 44.315, 20.905



57, 30.574, 185.724

Rectangle

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



37, 44.315, 20.905



37, 44.315, 70.905



37, 44.315, 200.905



37, 44.315, 250.905

Sweetspot

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



37, 44.313, 20.908



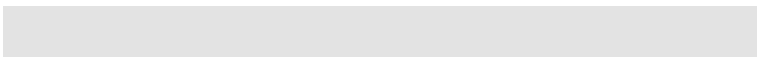
69, 14.741, 12.583



38, 61.962, 323.874



35, 10.309, 12.880



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



37, 44.313, 20.908



44, 65.714, 25.852



45, 37.773, 56.381



30, 3.465, 11.552



28, 62.658, 34.591



1, 3.642, 11.011

Inverse Universe

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



37, 44.313, 20.908



44, 65.714, 25.852



46, 26.998, 254.045



30, 3.465, 11.552



28, 62.658, 34.591



1, 3.642, 11.011

Previews

White Background



This preview shows how the CIE LCh color 37, 44.315, 20.905 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, 44.315, 20.905 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, 44.315, 20.905

Background



This preview shows how black text looks on a background with the CIELCh color 37, 44.315, 20.905.



This preview shows how white text looks on a background with the CIELCh color 37, 44.315, 20.905.

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, 44.315, 20.905

Protanopia

38, 5.795, 91.490

Deuteranopia

37, 18.561, 74.610

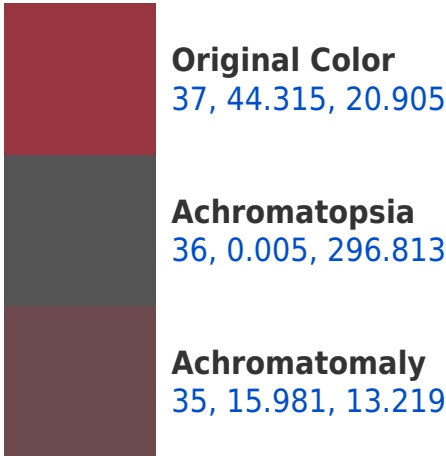


Tritanopia
37, 44.557, 25.805

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIElCh 37, 44.315, 20.905 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(151, 54, 64)` looks like.

```
.text, #text, p{  
    color:rgb(151, 54, 64)  
}
```

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(151, 54, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 54, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 44.315, 20.905 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(151, 54, 64) }
```

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

```
.border{ border-color:rgb(151, 54, 64) }
```

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

Here you see how a box with a 4 pixel rgb(151, 54, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 54, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 54, 64);  
box-shadow:4px 4px 4px 4px rgb(151, 54,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 44.315, 20.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 54, 64) }
```

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

```
.background{ background-color: rgb(151, 54,  
64) }
```

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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