

Converting Colors

CIELCh(44, 31.297, 37.319)

Have a look what the booklet for
CIELCh(44, 31.297, 37.319) contains.

CIELCh(44, 31.383, 37.198)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(44, 31.383, 37.198)

Conversions

Conversions Part 1

Format	Color
Hex	97574A
RGB	151, 87, 74
RGB Percent	59%, 34%, 29%
CMY	0.4087, 0.6595, 0.7105
CMYK	0.00, 0.42, 0.51, 0.41
HSL	10°, 34%, 44%
HSV	10°, 51%, 59%
XYZ	17.3474, 13.8382, 8.2046
YIQ	104.6540, 42.3170, 9.5250

Conversions

Conversions Part 2

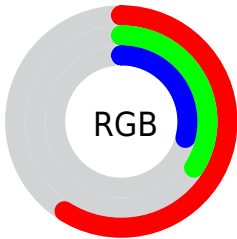
Format	Color
RYB	151, 90, 74
Decimal	9918282
CIELab	44.00, 25.00, 18.97
CIElCh	44, 31.383, 37.198
Yxy	13.8382, 0.4404, 0.3513
Android (android.graphics.Color)	4288108362 (0xFF97574A)
YUV	104.6540, -15.1124, 40.6454
Hunter-Lab	37.1997, 18.1404, 12.9632

Details

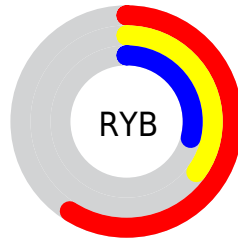
The CIELCh color **44, 31.383, 37.198** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **54, 21.395, 218.330**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 31.345, 37.300**, and **24, 31.527, 37.286** is the 20% darker color. If you saturate the color by 10%, you get **41, 38.916, 38.090**, and if you desaturate by 10%, it is **47, 24.266, 36.572**.

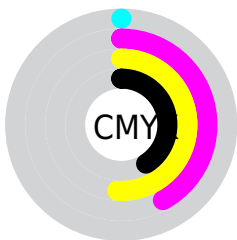
Distribution



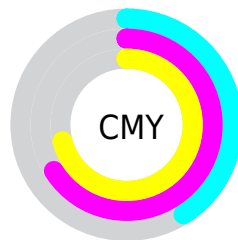
- Red (59%)
- Green (34%)
- Blue (29%)



- Red (59%)
- Yellow (35%)
- Blue (29%)



- Cyan (0%)
- Magenta (42%)
- Yellow (51%)
- Black (41%)





















- Cyan (41%)
- Magenta (66%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 31.383, 37.198 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 44, 31.383, 37.198 by changing the saturation by 10% instead.

 44, 31.383, 37.198	 44, 31.383, 37.198
 100, 31.383, 37.198	 34, 31.383, 37.198
 64, 31.383, 37.198	 24, 31.383, 37.198
 74, 31.383, 37.198	 14, 31.383, 37.198
 84, 31.383, 37.198	 4, 31.383, 37.198
 94, 31.383, 37.198	 0, 31.383, 37.198

 44, 31.383, 37.198	 44, 31.383, 37.198
 41, 38.916, 38.090	 47, 24.266, 36.572
 38, 46.737, 39.240	 51, 17.624, 36.163

■ 36, 54.559, 40.564

■ 54, 11.467, 35.929

■ 34, 61.765, 41.749

■ 58, 5.777, 35.814

■ 32, 67.305, 42.744

■ 62, 0.522, 35.069

■ 66, 4.338, 216.140

■ 70, 8.844, 216.262

■ 74, 13.037,
216.465

■ 77, 16.954,
216.707

Harmonies

Complementary

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



44, 31.383, 37.198



54, 21.395, 218.330

Rectangle

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



44, 31.383, 37.198



44, 31.383, 87.198



44, 31.383, 217.198



44, 31.383, 267.198

Sweetspot

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



44, 31.382, 37.202



72, 9.903, 35.854



43, 46.329, 332.552



37, 6.864, 35.876



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



44, 31.382, 37.202



53, 48.423, 38.214



54, 31.648, 84.525



30, 2.971, 35.796



30, 63.420, 42.611



1, 3.110, 35.607

Inverse Universe

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



54, 21.395, 218.330



67, 29.733, 219.685



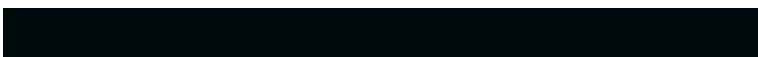
42, 31.508, 280.232



31, 2.806, 216.146



45, 27.905, 227.947



2, 3.079, 217.450

Previews

White Background



This preview shows how the CIELCh color 44, 31.383, 37.198 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 × Fail

Black Background



This preview shows how the CIE LCh color 44, 31.383, 37.198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

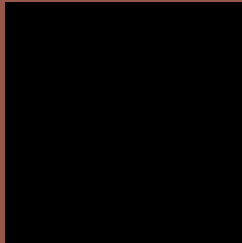
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 31.383, 37.198

Background



This preview shows how black text looks on a background with the CIELCh color 44, 31.383, 37.198.



This preview shows how white text looks on a background with the CIELCh color 44, 31.383, 37.198.

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

44, 31.383, 37.198

Protanopia

44, 13.458, 94.830

Deuteranopia

44, 21.065, 73.951



Tritanopia
44, 30.176, 16.265

Trichromacy



Original Color
44, 31.383, 37.198

Protanomaly
44, 16.993, 61.795

Deuteranomaly
44, 23.320, 56.489

Tritanomaly
44, 30.282, 23.812

Monochromacy



Original Color
44, 31.383, 37.198

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 10.534, 36.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 31.383, 37.198 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, 87, 74)` looks like.

```
.text, #text, p{  
    color:rgb(151, 87, 74)  
}
```

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, 87, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 87, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 31.383, 37.198 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, 87, 74) }
```

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

```
.border{ border-color:rgb(151, 87, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 87, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 87, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 87, 74);  
box-shadow:4px 4px 4px 4px rgb(151, 87,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 31.383, 37.198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 87, 74) }
```

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

```
.background{ background-color: rgb(151, 87,  
74) }
```

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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