

Converting Colors

CIELCh(47, 46.204, 36.670)

Have a look what the booklet for
CIELCh(47, 46.204, 36.670) contains.

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Color

CIELCh(47, 46.106, 36.627)

Conversions

Conversions Part 1

Format	Color
Hex	B15343
RGB	177, 83, 67
RGB Percent	69%, 33%, 26%
CMY	0.3047, 0.6734, 0.7363
CMYK	0.00, 0.53, 0.62, 0.30
HSL	9°, 45%, 48%
HSV	9°, 62%, 70%
XYZ	22.3367, 16.0195, 7.2636
YIQ	109.2820, 61.1600, 14.9520

Conversions

Conversions Part 2

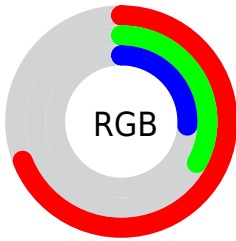
Format	Color
RYB	177, 86, 67
Decimal	11621187
CIELab	47.00, 37.00, 27.51
CIELCh	47, 46.106, 36.627
Yxy	16.0195, 0.4896, 0.3512
Android (android.graphics.Color)	4289811267 (0xFFB15343)
YUV	109.2820, -20.8450, 59.3887
Hunter-Lab	40.0243, 29.5746, 17.2571

Details

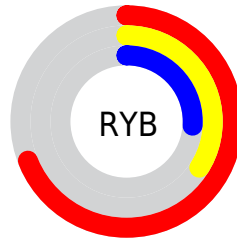
The CIELCh color **47, 46.106, 36.627** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **62, 28.054, 216.207**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 46.235, 36.968**, and **27, 46.079, 36.984** is the 20% darker color. If you saturate the color by 10%, you get **44, 55.121, 38.083**, and if you desaturate by 10%, it is **51, 37.344, 35.478**.

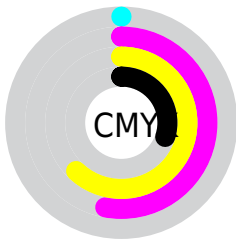
Distribution



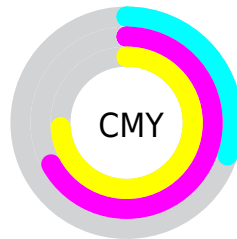
- Red (69%)
- Green (33%)
- Blue (26%)



- Red (69%)
- Yellow (34%)
- Blue (26%)



- Cyan (0%)
- Magenta (53%)
- Yellow (62%)
- Black (30%)



- Cyan (30%)
- Magenta (67%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 46.106, 36.627 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 47, 46.106, 36.627 by changing the saturation by 10% instead.

■ 47, 46.106, 36.627

■ 47, 46.106, 36.627

■ 100, 46.106,
36.627

■ 37, 46.106, 36.627

■ 67, 46.106, 36.627

■ 27, 46.106, 36.627

■ 77, 46.106, 36.627

■ 17, 46.106, 36.627

■ 87, 46.106, 36.627

■ 7, 46.106, 36.627

■ 97, 46.106, 36.627

■ 0, 46.106, 36.627

■ 47, 46.106, 36.627

■ 47, 46.106, 36.627

■ 44, 55.121, 38.083

■ 51, 37.344, 35.478

■ 41, 64.000, 39.716

■ 54, 29.030, 34.625

39, 71.883, 41.115

58, 21.251, 34.031

38, 77.052, 42.114

63, 14.033, 33.642

67, 7.365, 33.398

71, 1.214, 32.965

76, 4.465, 213.504

80, 9.720, 213.523

85, 14.601,
213.638

Harmonies

Complementary

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



47, 46.106, 36.627



62, 28.054, 216.207

Rectangle

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



47, 46.106, 36.627



47, 46.106, 86.627



47, 46.106, 216.627



47, 46.106, 266.627

Sweetspot

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



47, 46.104, 36.630



81, 14.728, 33.564



47, 63.530, 332.026



41, 10.244, 33.644



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



47, 46.104, 36.630



56, 70.328, 38.595



60, 43.206, 79.982



35, 3.434, 33.343



33, 68.635, 42.117



3, 8.243, 29.868

Inverse Universe

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



62, 28.054, 216.207



76, 37.543, 218.095



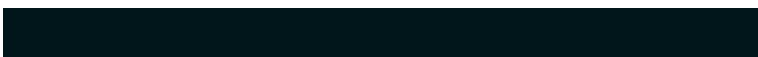
46, 42.114, 280.987



37, 3.237, 213.493



50, 29.809, 223.265



6, 7.696, 220.574

Previews

White Background



This preview shows how the CIELCh color 47, 46.106, 36.627 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 47, 46.106, 36.627 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 47, 46.106, 36.627

Background



This preview shows how black text looks on a background with the CIELCh color 47, 46.106, 36.627.



This preview shows how white text looks on a background with the CIELCh color 47, 46.106, 36.627.

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

47, 46.106, 36.627

Protanopia

47, 20.304, 95.820

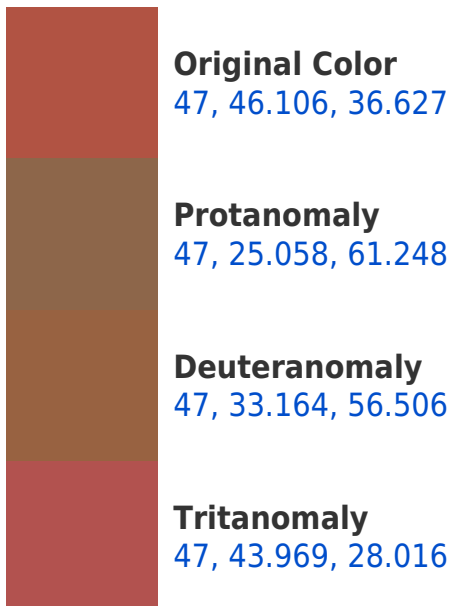
Deuteranopia

47, 29.705, 77.882

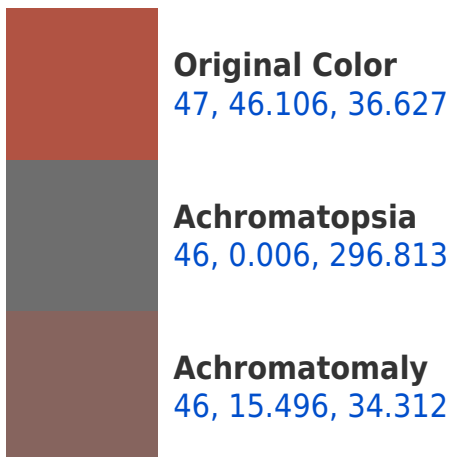


Tritanopia
47, 43.160, 22.296

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 46.106, 36.627 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(177, 83, 67)` looks like.

```
.text, #text, p{  
    color:rgb(177, 83, 67)  
}
```

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(177, 83, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 83, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 46.106, 36.627 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(177, 83, 67) }
```

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

```
.border{ border-color:rgb(177, 83, 67) }
```

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

Here you see how a box with a 4 pixel rgb(177, 83, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 83, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 83, 67);  
box-shadow:4px 4px 4px 4px rgb(177, 83,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 46.106, 36.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 83, 67) }
```

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

```
.background{ background-color: rgb(177, 83,  
67) }
```

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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