

Converting Colors

CIELCh(47, 54.392, 32.138)

Have a look what the booklet for
CIELCh(47, 54.392, 32.138) contains.

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Color

CIELCh(47, 54.371, 31.710)

Conversions

Conversions Part 1

Format	Color
Hex	BD4942
RGB	189, 73, 66
RGB Percent	74%, 29%, 26%
CMY	0.2582, 0.7131, 0.7407
CMYK	0.00, 0.61, 0.65, 0.26
HSL	3°, 48%, 50%
HSV	3°, 65%, 74%
XYZ	24.4071, 16.0195, 6.9795
YIQ	106.8860, 71.3830, 22.4150

Conversions

Conversions Part 2

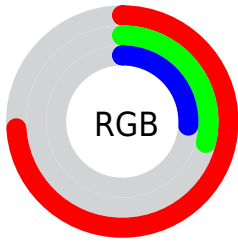
Format	Color
RYB	189, 73, 66
Decimal	12405058
CIELab	47.00, 46.25, 28.58
CIElCh	47, 54.371, 31.710
Yxy	16.0195, 0.5149, 0.3379
Android (android.graphics.Color)	4290595138 (0xFFBD4942)
YUV	106.8860, -20.1568, 72.0140
Hunter-Lab	40.0243, 38.8078, 17.6779

Details

The CIELCh color **47, 54.371, 31.710** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **68, 32.521, 203.843**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 54.339, 31.728**, and **27, 54.181, 31.479** is the 20% darker color. If you saturate the color by 10%, you get **44, 63.888, 34.263**, and if you desaturate by 10%, it is **51, 44.793, 29.621**.

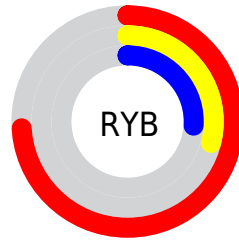
Distribution



Red (74%)

Green (29%)

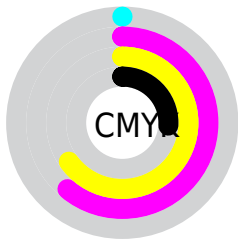
Blue (26%)



Red (74%)

Yellow (29%)

Blue (26%)

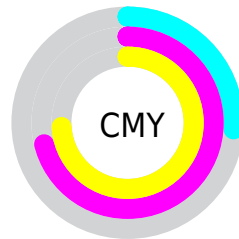


Cyan (0%)

Magenta (61%)

Yellow (65%)

Black (26%)



Cyan (26%)

Magenta (71%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 54.371, 31.710 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, 54.371, 31.710 by changing the saturation by 10% instead.

■ 47, 54.371, 31.710

■ 47, 54.371, 31.710

■ 100, 54.371,
31.710

■ 37, 54.371, 31.710

■ 67, 54.371, 31.710

■ 27, 54.371, 31.710

■ 77, 54.371, 31.710

■ 17, 54.371, 31.710

■ 87, 54.371, 31.710

■ 7, 54.371, 31.710

■ 97, 54.371, 31.710

■ 0, 54.371, 31.710

■ 47, 54.371, 31.710

■ 47, 54.371, 31.710

■ 44, 63.888, 34.263

■ 51, 44.793, 29.621

■ 42, 72.795, 37.055

■ 55, 35.473, 27.989

40, 79.888, 39.394

59, 26.601, 26.747

40, 82.759, 40.584

64, 18.279, 25.813

69, 10.546, 25.105

74, 3.396, 24.494

79, 3.207, 204.450

84, 9.311, 204.075

90, 14.967,
203.865

Harmonies

Complementary

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



47, 54.371, 31.710



68, 32.521, 203.843

Rectangle

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



47, 54.371, 31.710



47, 54.371, 81.710



47, 54.371, 211.710



47, 54.371, 261.710

Sweetspot

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



47, 54.369, 31.713



84, 17.661, 25.455



50, 73.254, 329.211



43, 12.181, 25.662



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



47, 54.369, 31.713



55, 82.225, 35.432



60, 46.313, 71.937



37, 3.875, 24.766



33, 72.027, 40.466



3, 11.779, 22.834

Inverse Universe

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



68, 32.521, 203.843



85, 43.131, 204.446



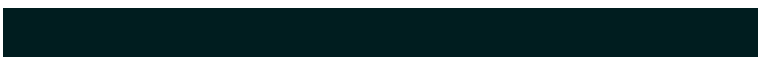
50, 41.084, 274.747



39, 3.651, 204.214



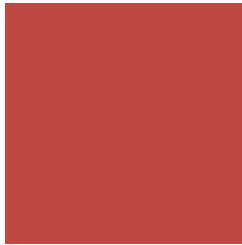
56, 32.559, 205.842



9, 10.799, 204.323

Previews

White Background



This preview shows how the CIELCh color 47, 54.371, 31.710 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 CIELCh color 47, 54.371, 31.710 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, 54.371, 31.710

Background



This preview shows how black text looks on a background with the CIELCh color 47, 54.371, 31.710.



This preview shows how white text looks on a background with the CIELCh color 47, 54.371, 31.710.

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, 54.371, 31.710

Protanopia

47, 18.608, 95.080

Deuteranopia

47, 31.224, 79.000



Tritanopia
47, 52.923, 25.617

Trichromacy



Original Color
47, 54.371, 31.710

Protanomaly
46, 26.405, 50.572

Deuteranomaly
46, 36.231, 53.600

Tritanomaly
47, 53.714, 27.957

Monochromacy



Original Color
47, 54.371, 31.710

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 18.782, 27.201

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 54.371, 31.710 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(189, 73, 66)` looks like.

```
.text, #text, p{  
    color:rgb(189, 73, 66)  
}
```

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(189, 73, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 73, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 54.371, 31.710 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(189, 73, 66) }
```

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

```
.border{ border-color:rgb(189, 73, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 73, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 73, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 73, 66);  
box-shadow:4px 4px 4px 4px rgb(189, 73,  
66) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 54.371, 31.710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 73, 66) }
```

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

```
.background{ background-color: rgb(189, 73,  
66) }
```

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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