

Converting Colors

CIELCh(47, 51.343, 32.006)

Have a look what the booklet for
CIELCh(47, 51.343, 32.006) contains.

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Color

CIELCh(47, 51.304, 31.927)

Conversions

Conversions Part 1

Format	Color
Hex	B94C44
RGB	185, 76, 68
RGB Percent	73%, 30%, 27%
CMY	0.2727, 0.7003, 0.7319
CMYK	0.00, 0.59, 0.63, 0.27
HSL	4°, 46%, 50%
HSV	4°, 63%, 73%
XYZ	23.7876, 16.0195, 7.3649
YIQ	107.6790, 67.5320, 20.6200

Conversions

Conversions Part 2

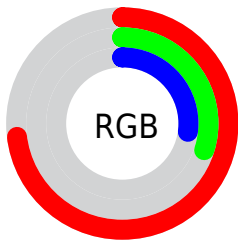
Format	Color
RYB	185, 77, 68
Decimal	12143684
CIELab	47.00, 43.54, 27.13
CIElCh	47, 51.304, 31.927
Yxy	16.0195, 0.5043, 0.3396
Android (android.graphics.Color)	4290333764 (0xFFB94C44)
YUV	107.6790, -19.5617, 67.8105
Hunter-Lab	40.0243, 36.0453, 17.1070

Details

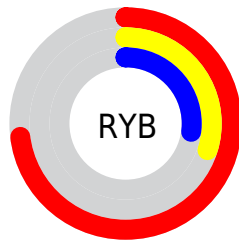
The CIELCh color **47, 51.304, 31.927** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **67, 31.141, 205.322**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 51.387, 32.298**, and **27, 51.191, 31.640** is the 20% darker color. If you saturate the color by 10%, you get **44, 60.723, 34.264**, and if you desaturate by 10%, it is **51, 41.934, 30.040**.

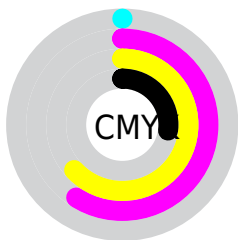
Distribution



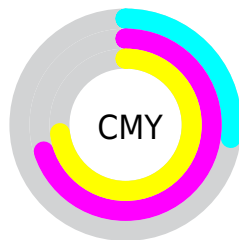
- Red (73%)
- Green (30%)
- Blue (27%)



- Red (73%)
- Yellow (30%)
- Blue (27%)



- Cyan (0%)
- Magenta (59%)
- Yellow (63%)
- Black (27%)



- Cyan (27%)
- Magenta (70%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 51.304, 31.927 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, 51.304, 31.927 by changing the saturation by 10% instead.

■ 47, 51.304, 31.927

■ 47, 51.304, 31.927

■ 100, 51.304,
31.927

■ 37, 51.304, 31.927

■ 67, 51.304, 31.927

■ 27, 51.304, 31.927

■ 77, 51.304, 31.927

■ 17, 51.304, 31.927

■ 87, 51.304, 31.927

■ 7, 51.304, 31.927

■ 97, 51.304, 31.927

■ 0, 51.304, 31.927

■ 47, 51.304, 31.927

■ 47, 51.304, 31.927

■ 44, 60.723, 34.264

■ 51, 41.934, 30.040

■ 41, 69.722, 36.888

■ 55, 32.890, 28.577

40, 77.290, 39.244

59, 24.326, 27.473

39, 81.360, 40.733

64, 16.323, 26.648

69, 8.901, 26.026

74, 2.044, 25.399

79, 4.288, 205.475

84, 10.142,
205.195

89, 15.571,
205.037

Harmonies

Complementary

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



47, 51.304, 31.927



67, 31.141, 205.322

Rectangle

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



47, 51.304, 31.927



47, 51.304, 81.927



47, 51.304, 211.927



47, 51.304, 261.927

Sweetspot

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



47, 51.302, 31.930



84, 16.394, 26.391



49, 69.763, 329.689



43, 11.508, 26.582



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, 51.302, 31.930



56, 78.850, 35.332



60, 44.381, 73.783



36, 3.747, 25.821



32, 70.939, 40.591



3, 10.123, 23.811

Inverse Universe

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



67, 31.141, 205.322



84, 41.896, 206.059



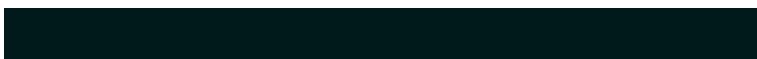
49, 40.247, 275.666



38, 3.531, 205.356



55, 31.771, 207.949



7, 9.479, 207.668

Previews

White Background



This preview shows how the CIELCh color 47, 51.304, 31.927 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, 51.304, 31.927 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, 51.304, 31.927

Background



This preview shows how black text looks on a background with the CIELCh color 47, 51.304, 31.927.



This preview shows how white text looks on a background with the CIELCh color 47, 51.304, 31.927.

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, 51.304, 31.927

Protanopia

47, 17.941, 96.198

Deuteranopia

47, 29.705, 77.882



Tritanopia
47, 49.569, 24.128

Trichromacy



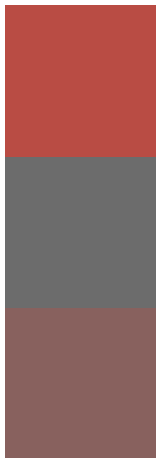
Original Color
47, 51.304, 31.927

Protanomaly
46, 25.105, 52.058

Deuteranomaly
47, 34.539, 53.085

Tritanomaly
47, 49.967, 27.146

Monochromacy



Original Color
47, 51.304, 31.927

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 17.349, 27.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 51.304, 31.927 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(185, 76, 68)` looks like.

```
.text, #text, p{  
    color:rgb(185, 76, 68)  
}
```

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(185, 76, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 76, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 51.304, 31.927 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(185, 76, 68) }
```

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

```
.border{ border-color:rgb(185, 76, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 76, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 76, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 76, 68);  
box-shadow:4px 4px 4px 4px rgb(185, 76,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 51.304, 31.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 76, 68) }
```

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

```
.background{ background-color: rgb(185, 76,  
68) }
```

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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