

Converting Colors

CIELCh(47, 53.200, 39.742)

Have a look what the booklet for
CIELCh(47, 53.200, 39.742) contains.

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Color

CIELCh(47, 53.443, 39.902)

Conversions

Conversions Part 1

Format	Color
Hex	B84F38
RGB	184, 79, 56
RGB Percent	72%, 31%, 22%
CMY	0.2792, 0.6908, 0.7810
CMYK	0.00, 0.57, 0.70, 0.28
HSL	11°, 53%, 47%
HSV	11°, 70%, 72%
XYZ	23.2160, 16.0195, 5.5912
YIQ	107.7730, 69.9630, 15.1070

Conversions

Conversions Part 2

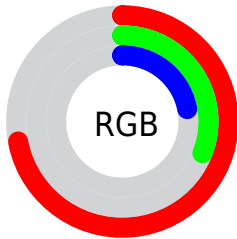
Format	Color
RYB	184, 84, 56
Decimal	12078904
CIELab	47.00, 41.00, 34.28
CIElCh	47, 53.443, 39.902
Yxy	16.0195, 0.5179, 0.3574
Android (android.graphics.Color)	4290268984 (0xFFB84F38)
YUV	107.7730, -25.5241, 66.8511
Hunter-Lab	40.0243, 33.4960, 19.7344

Details

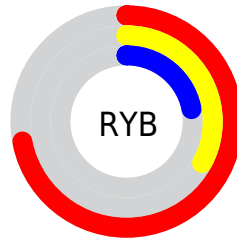
The CIELCh color **47, 53.443, 39.902** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **61, 30.302, 222.824**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 53.433, 39.684**, and **27, 53.648, 39.721** is the 20% darker color. If you saturate the color by 10%, you get **44, 62.619, 41.120**, and if you desaturate by 10%, it is **50, 44.296, 38.856**.

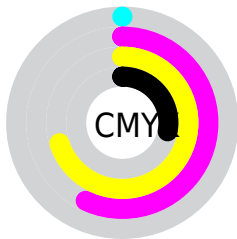
Distribution



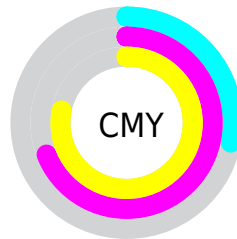
- Red (72%)
- Green (31%)
- Blue (22%)



- Red (72%)
- Yellow (33%)
- Blue (22%)



- Cyan (0%)
- Magenta (57%)
- Yellow (70%)
- Black (28%)



- Cyan (28%)
- Magenta (69%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 53.443, 39.902 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, 53.443, 39.902 by changing the saturation by 10% instead.

■ 47, 53.443, 39.902

■ 47, 53.443, 39.902

■ 100, 53.443,
39.902

■ 37, 53.443, 39.902

■ 67, 53.443, 39.902

■ 27, 53.443, 39.902

■ 77, 53.443, 39.902

■ 17, 53.443, 39.902

■ 87, 53.443, 39.902

■ 7, 53.443, 39.902

■ 97, 53.443, 39.902

■ 0, 53.443, 39.902

■ 47, 53.443, 39.902

■ 47, 53.443, 39.902

■ 44, 62.619, 41.120

■ 50, 44.296, 38.856

■ 42, 71.098, 42.185

■ 54, 35.513, 38.062

40, 77.963, 42.861

58, 27.242, 37.518

40, 78.233, 42.917

62, 19.541, 37.188

66, 12.415, 37.027

70, 5.840, 36.971

75, 0.228, 219.406

79, 5.836, 217.415

84, 11.035,
217.603

Harmonies

Complementary

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



47, 53.443, 39.902



61, 30.302, 222.824

Rectangle

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



47, 53.443, 39.902



47, 53.443, 89.902



47, 53.443, 219.902



47, 53.443, 269.902

Sweetspot

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



47, 53.441, 39.905



83, 16.614, 37.045



46, 69.369, 333.856



43, 11.367, 37.082



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



47, 53.441, 39.905



56, 82.608, 41.791



61, 50.518, 81.655



36, 3.435, 36.970



34, 68.737, 43.093



3, 9.435, 31.841

Inverse Universe

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



61, 30.302, 222.824



76, 40.207, 226.525



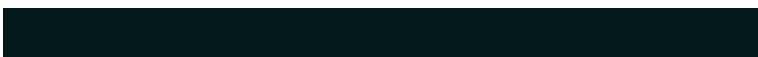
43, 51.504, 285.933



38, 3.240, 217.413



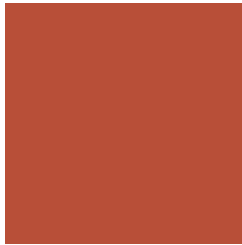
49, 30.138, 230.605



6, 8.595, 225.923

Previews

White Background



This preview shows how the CIELCh color 47, 53.443, 39.902 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, 53.443, 39.902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

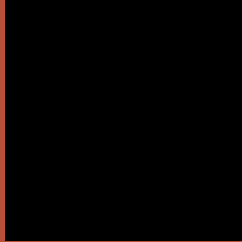
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 53.443, 39.902

Background



This preview shows how black text looks on a background with the CIELCh color 47, 53.443, 39.902.



This preview shows how white text looks on a background with the CIELCh color 47, 53.443, 39.902.

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, 53.443, 39.902

Protanopia

47, 26.636, 95.468

Deuteranopia

47, 36.664, 80.496

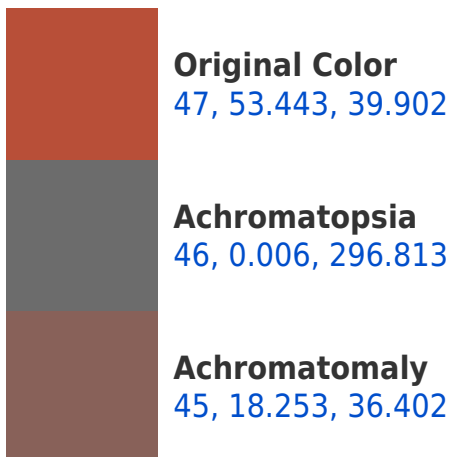


Tritanopia
47, 48.647, 23.859

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 53.443, 39.902 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(184, 79, 56)` looks like.

```
.text, #text, p{  
    color:rgb(184, 79, 56)  
}
```

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(184, 79, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 79, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 53.443, 39.902 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(184, 79, 56) }
```

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

```
.border{ border-color:rgb(184, 79, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 79, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 79, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 79, 56);  
box-shadow:4px 4px 4px 4px rgb(184, 79,  
56) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 53.443, 39.902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 79, 56) }
```

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

```
.background{ background-color: rgb(184, 79,  
56) }
```

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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