

Converting Colors

CIELCh(52, 47.149, 66.556)

Have a look what the booklet for
CIELCh(52, 47.149, 66.556) contains.

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Color

CIELCh(52, 47.454, 66.308)

Conversions

Conversions Part 1

Format	Color
Hex	AC6E30
RGB	172, 110, 48
RGB Percent	67%, 43%, 19%
CMY	0.3254, 0.5685, 0.8117
CMYK	0.00, 0.36, 0.72, 0.33
HSL	30°, 56%, 43%
HSV	30°, 72%, 67%
XYZ	23.1317, 20.1443, 5.4677
YIQ	121.4700, 56.8540, -6.1380

Conversions

Conversions Part 2

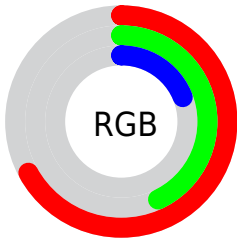
Format	Color
R_{YB}	172, 172, 48
Decimal	11300400
CIE Lab	52.00, 19.07, 43.45
CIE LCh	52, 47.454, 66.308
Yxy	20.1443, 0.4746, 0.4133
Android (android.graphics.Color)	4289490480 (0xFFAC6E30)
YUV	121.4700, -36.2207, 44.3148
Hunter-Lab	44.8824, 13.4519, 24.1948

Details

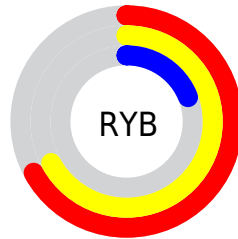
The CIELCh color **52, 47.454, 66.308** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **45, 38.905, 271.964**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 47.525, 66.625**, and **32, 46.400, 65.570** is the 20% darker color. If you saturate the color by 10%, you get **50, 54.161, 64.718**, and if you desaturate by 10%, it is **54, 40.330, 67.691**.

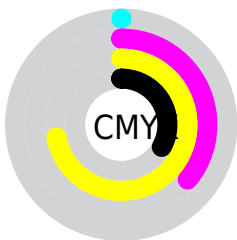
Distribution



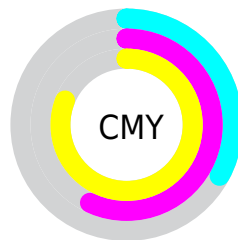
- Red (67%)
- Green (43%)
- Blue (19%)



- Red (67%)
- Yellow (67%)
- Blue (19%)



- Cyan (0%)
- Magenta (36%)
- Yellow (72%)
- Black (33%)



- Cyan (33%)
- Magenta (57%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 47.454, 66.308 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 52, 47.454, 66.308 by changing the saturation by 10% instead.

■ 52, 47.454, 66.308

■ 52, 47.454, 66.308

■ 100, 47.454,
66.308

■ 42, 47.454, 66.308

■ 72, 47.454, 66.308

■ 32, 47.454, 66.308

■ 82, 47.454, 66.308

■ 22, 47.454, 66.308

■ 92, 47.454, 66.308

■ 12, 47.454, 66.308

■ 2, 47.454, 66.308

■ 0, 47.454, 66.308

■ 52, 47.454, 66.308

■ 52, 47.454, 66.308

■ 50, 54.161, 64.718

■ 54, 40.330, 67.691

■ 48, 59.751, 62.663

■ 57, 33.191, 68.984

46, 63.396, 60.809

59, 26.233, 70.243

62, 19.540, 71.489

64, 13.138, 72.721

67, 7.023, 73.925

70, 1.179, 74.897

73, 4.418, 256.427

75, 9.792, 257.529

Harmonies

Complementary

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



52, 47.454, 66.308



45, 38.905, 271.964

Rectangle

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



52, 47.454, 66.308



52, 47.454, 116.308



52, 47.454, 246.308



52, 47.454, 296.308

Sweetspot

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



52, 47.453, 66.311



82, 16.259, 72.683



41, 55.445, 352.958



42, 10.977, 72.364



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



52, 47.453, 66.311



63, 70.686, 63.462



68, 61.727, 103.863



35, 3.290, 74.247



41, 57.321, 61.250



4, 6.500, 65.090

Inverse Universe

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



45, 38.905, 271.964



53, 57.788, 278.796



29, 77.556, 302.067



35, 3.222, 256.674



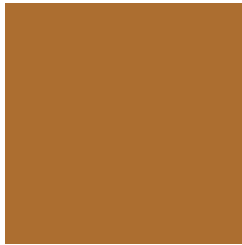
32, 47.954, 283.283



3, 7.382, 264.510

Previews

White Background



This preview shows how the CIELCh color 52, 47.454, 66.308 looks on a white 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

Black Background



This preview shows how the CIELCh color 52, 47.454, 66.308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

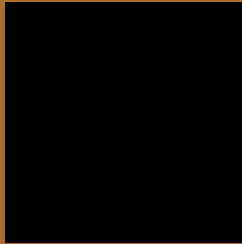
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 47.454, 66.308

Background



This preview shows how black text looks on a background with the CIELCh color 52, 47.454, 66.308.



This preview shows how white text looks on a background with the CIELCh color 52, 47.454, 66.308.

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

52, 47.454, 66.308

Protanopia

52, 40.889, 96.348

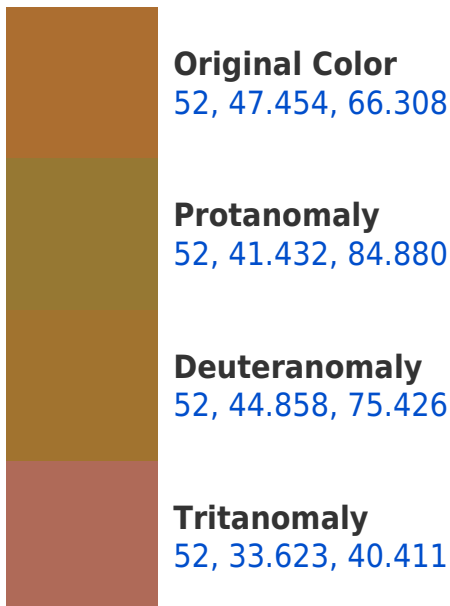
Deuteranopia

52, 44.294, 81.167



Tritanopia
52, 31.323, 15.254

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 47.454, 66.308 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(172, 110, 48)` looks like.

```
.text, #text, p{  
    color:rgb(172, 110, 48)  
}
```

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(172, 110, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 110, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 47.454, 66.308 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(172, 110, 48) }
```

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

```
.border{ border-color:rgb(172, 110, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 110, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 110, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 110, 48);  
box-shadow:4px 4px 4px 4px rgb(172, 110,  
48) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 47.454, 66.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 110, 48) }
```

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

```
.background{ background-color: rgb(172,  
110, 48) }
```

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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