

Converting Colors

CIELCh(47, 13.192, 184.368)

Have a look what the booklet for
CIELCh(47, 13.192, 184.368)
contains.

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Color

CIELCh(47, 13.311, 185.026)

Conversions

Conversions Part 1

Format	Color
Hex	547671
RGB	84, 118, 113
RGB Percent	33%, 46%, 44%
CMY	0.6708, 0.5374, 0.5570
CMYK	0.29, 0.00, 0.04, 0.54
HSL	171°, 17%, 40%
HSV	171°, 29%, 46%
XYZ	13.1027, 16.0195, 18.0103
YIQ	107.2640, -18.6590, -8.7630

Conversions

Conversions Part 2

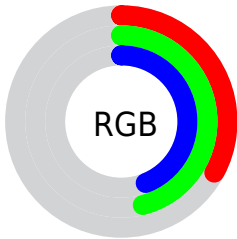
Format	Color
RYB	84, 102, 118
Decimal	5535345
CIELab	47.00, -13.26, -1.17
CIELCh	47, 13.311, 185.026
Yxy	16.0195, 0.2780, 0.3399
Android (android.graphics.Color)	4283725425 (0xFF547671)
YUV	107.2640, 2.8278, -20.4025
Hunter-Lab	40.0243, -11.6073, 1.3375

Details

The CIELCh color **47, 13.311, 185.026** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **39, 15.197, 10.258**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 13.024, 186.022**, and **27, 13.548, 183.275** is the 20% darker color. If you saturate the color by 10%, you get **46, 17.426, 184.131**, and if you desaturate by 10%, it is **48, 8.892, 185.884**.

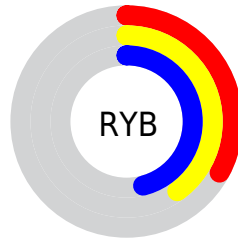
Distribution



Red (33%)

Green (46%)

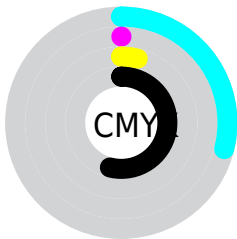
Blue (44%)



Red (33%)

Yellow (40%)

Blue (46%)

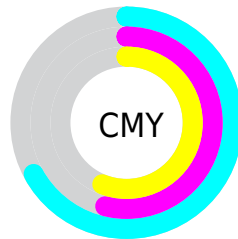


Cyan (29%)

Magenta (0%)

Yellow (4%)

Black (54%)



Cyan (67%)

Magenta (54%)

Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 13.311, 185.026 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, 13.311, 185.026 by changing the saturation by 10% instead.


 47, 13.311,
185.026


 47, 13.311,
185.026


 100, 13.311,
185.026


 37, 13.311,
185.026

 67, 13.311,
185.026


 27, 13.311,
185.026


 77, 13.311,
185.026

 17, 13.311,
185.026


 87, 13.311,
185.026

 7, 13.311, 185.026

 97, 13.311,
185.026

 0, 13.311, 185.026

 47, 13.311,

 47, 13.311,

185.026

■ 46, 17.426,
184.131

■ 46, 21.163,
183.196

■ 45, 24.451,
182.203

■ 45, 27.237,
181.134

■ 44, 29.484,
179.972

■ 44, 31.191,
178.698

■ 44, 32.530,
177.363

■ 44, 32.688,
177.212

185.026

■ 48, 8.892, 185.884

■ 49, 4.241, 186.747

■ 50, 0.575, 6.837

■ 51, 5.496, 8.167

■ 52, 10.475, 8.953

■ 53, 15.471, 9.701

■ 55, 20.454, 10.427

■ 56, 25.399, 11.133

■ 58, 30.290, 11.820

Harmonies

Complementary

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



47, 13.311, 185.026



39, 15.197, 10.258

Rectangle

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



47, 13.311, 185.026



47, 13.311, 235.026



47, 13.311, 5.026



47, 13.311, 55.026

Sweetspot

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



47, 13.312, 185.023



62, 5.349, 186.711



47, 23.415, 138.768



32, 3.688, 186.607



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



47, 13.312, 185.023



59, 19.616, 184.399



44, 10.667, 241.003



24, 2.692, 186.729



46, 33.588, 177.148



89, 57.494, 176.243

Inverse Universe

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



39, 15.197, 10.258



48, 23.217, 11.246



43, 12.330, 55.494



23, 2.800, 8.054



24, 54.819, 31.149



52, 95.781, 34.119

Previews

White Background



This preview shows how the CIELCh color 47, 13.311, 185.026 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, 13.311, 185.026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

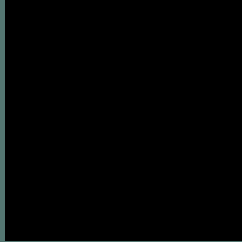
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 13.311, 185.026

Background



This preview shows how black text looks on a background with the CIELCh color 47, 13.311, 185.026.



This preview shows how white text looks on a background with the CIELCh color 47, 13.311, 185.026.

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, 13.311, 185.026

Protanopia

47, 1.697, 63.301

Deuteranopia

47, 6.429, 340.114



Tritanopia
47, 11.668, 225.744

Trichromacy



Original Color
47, 13.311, 185.026

Protanomaly
47, 5.048, 170.933

Deuteranomaly
47, 2.304, 230.318

Tritanomaly
47, 11.623, 210.045

Monochromacy



Original Color
47, 13.311, 185.026

Achromatopsia
45, 0.006, 296.813

Achromatomaly
46, 4.966, 185.012

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 13.311, 185.026 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(84, 118, 113)` looks like.

```
.text, #text, p{  
    color:rgb(84, 118, 113)  
}
```

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(84, 118, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 118, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 13.311, 185.026 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(84, 118, 113) }
```

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

```
.border{ border-color:rgb(84, 118, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 118, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 118, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 118, 113);  
box-shadow:4px 4px 4px 4px rgb(84, 118,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 13.311, 185.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 118, 113) }
```

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

```
.background{ background-color: rgb(84, 118,  
113) }
```

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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