

Converting Colors

CIELCh(47, 11.893, 100.102)

Have a look what the booklet for
CIELCh(47, 11.893, 100.102)
contains.

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Color

CIELCh(47, 11.879, 100.129)

Conversions

Conversions Part 1

Format	Color
Hex	74705C
RGB	116, 112, 92
RGB Percent	45%, 44%, 36%
CMY	0.5458, 0.5615, 0.6399
CMYK	0.00, 0.03, 0.21, 0.55
HSL	50°, 12%, 41%
HSV	50°, 21%, 45%
XYZ	14.8773, 16.0195, 12.3937
YIQ	110.9160, 8.8040, -5.3720

Conversions

Conversions Part 2

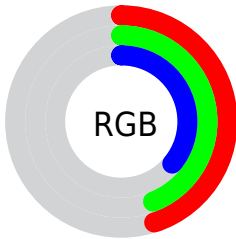
Format	Color
R_{YB}	97, 116, 92
Decimal	7630940
CIE _{Lab}	47.00, -2.09, 11.69
CIE _{LCh}	47, 11.879, 100.129
Yxy	16.0195, 0.3437, 0.3700
Android (android.graphics.Color)	4285821020 (0xFF74705C)
YUV	110.9160, -9.3256, 4.4587
Hunter-Lab	40.0243, -3.6929, 9.6576

Details

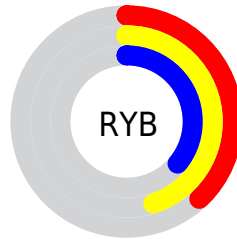
The CIELCh color $47, 11.879, 100.129$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $41, 12.202, 284.841$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 12.179, 101.360$, and $27, 11.775, 98.193$ is the 20% darker color. If you saturate the color by 10%, you get $46, 17.627, 99.037$, and if you desaturate by 10%, it is $48, 6.129, 101.206$.

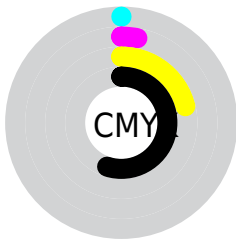
Distribution



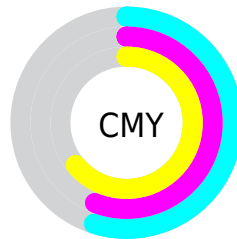
- Red (45%)
- Green (44%)
- Blue (36%)



- Red (38%)
- Yellow (45%)
- Blue (36%)



- Cyan (0%)
- Magenta (3%)
- Yellow (21%)
- Black (55%)





- Cyan (55%)
- Magenta (56%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 11.879, 100.129 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, 11.879, 100.129 by changing the saturation by 10% instead.


 47, 11.879,
100.129


 47, 11.879,
100.129


 100, 11.879,
100.129


 37, 11.879,
100.129

 67, 11.879,
100.129


 27, 11.879,
100.129

 77, 11.879,
100.129

 17, 11.879,
100.129


 87, 11.879,
100.129

 7, 11.879, 100.129

 97, 11.879,
100.129

 0, 11.879, 100.129

 47, 11.879,

 47, 11.879,

100.129

100.129

■ 46, 17.627, 99.037

■ 48, 6.129, 101.206

■ 45, 23.327, 97.922

■ 49, 0.401, 102.037

■ 45, 28.904, 96.798

■ 50, 5.289, 283.301

■ 44, 34.236, 95.675

■ 51, 10.935,
284.267

■ 43, 39.126, 94.556

■ 51, 16.532,
285.198

■ 43, 43.285, 93.440

■ 52, 22.077,
286.087

■ 42, 46.350, 92.311

■ 41, 48.669, 91.279

■ 53, 27.572,
286.934

■ 54, 33.014,
287.737

■ 56, 38.406,

Harmonies

Complementary

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



47, 11.879, 100.129



41, 12.202, 284.841

Rectangle

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



47, 11.879, 100.129



47, 11.879, 150.129



47, 11.879, 280.129



47, 11.879, 330.129

Sweetspot

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



47, 11.880, 100.135



62, 4.244, 101.677



41, 10.575, 7.761



32, 2.838, 101.628



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, 11.880, 100.135



60, 17.775, 99.597



47, 14.466, 121.971



24, 3.251, 101.380



44, 50.607, 91.202



85, 85.397, 90.462

Inverse Universe

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



41, 12.202, 284.841



51, 18.385, 285.554



41, 15.001, 304.227



23, 3.294, 283.355



15, 68.318, 302.587



35, 120.912, 303.859

Previews

White Background



This preview shows how the CIELCh color 47, 11.879, 100.129 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, 11.879, 100.129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

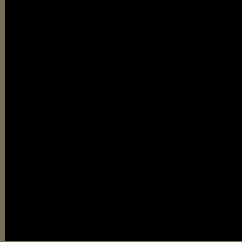
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

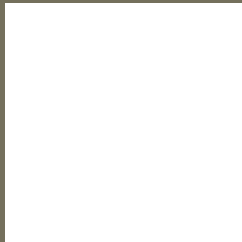
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 11.879, 100.129

Background



This preview shows how black text looks on a background with the CIELCh color 47, 11.879, 100.129.



This preview shows how white text looks on a background with the CIELCh color 47, 11.879, 100.129.

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, 11.879, 100.129

Protanopia

47, 11.594, 93.351

Deuteranopia

47, 12.830, 59.931



Tritanopia
47, 6.971, 330.410

Trichromacy



Original Color
47, 11.879, 100.129

Protanomaly
47, 11.485, 95.464

Deuteranomaly
47, 11.542, 74.128

Tritanomaly
47, 3.781, 28.713

Monochromacy



Original Color
47, 11.879, 100.129

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 4.206, 98.143

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 11.879, 100.129 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(116, 112, 92)` looks like.

```
.text, #text, p{  
    color:rgb(116, 112, 92)  
}
```

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(116, 112, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 112, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 11.879, 100.129 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(116, 112, 92) }
```

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

```
.border{ border-color:rgb(116, 112, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 112, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 112, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 112, 92);  
box-shadow:4px 4px 4px 4px rgb(116, 112,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 11.879, 100.129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 112, 92) }
```

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

```
.background{ background-color: rgb(116,  
112, 92) }
```

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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