

Converting Colors

CIELCh(47, 5.036, 304.542)

Have a look what the booklet for
CIELCh(47, 5.036, 304.542) contains.

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Color

CIELCh(47, 4.908, 304.910)

Conversions

Conversions Part 1

Format	Color
Hex	716E76
RGB	113, 110, 118
RGB Percent	44%, 43%, 46%
CMY	0.5562, 0.5680, 0.5366
CMYK	0.04, 0.07, 0.00, 0.54
HSL	262°, 4%, 45%
HSV	262°, 7%, 46%
XYZ	15.7034, 16.0195, 19.4541
YIQ	111.8090, -0.7800, 3.1240

Conversions

Conversions Part 2

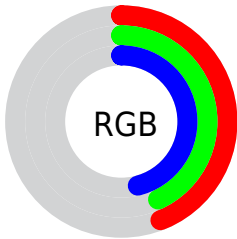
Format	Color
R_{YB}	113, 110, 118
Decimal	7433846
CIE Lab	47.00, 2.81, -4.02
CIE LCh	47, 4.908, 304.910
Yxy	16.0195, 0.3068, 0.3130
Android (android.graphics.Color)	4285623926 (0xFF716E76)
YUV	111.8090, 3.0522, 1.0445
Hunter-Lab	40.0243, -0.0088, -0.8013

Details

The CIELCh color $47, 4.908, 304.910$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 4.844, 124.269$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 4.581, 304.810$, and $27, 4.658, 301.798$ is the 20% darker color. If you saturate the color by 10%, you get $43, 12.341, 305.452$, and if you desaturate by 10%, it is $51, 2.294, 124.456$.

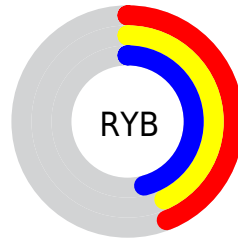
Distribution



Red (44%)

Green (43%)

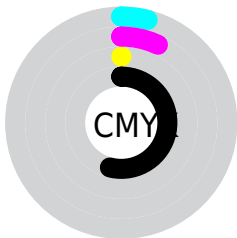
Blue (46%)



Red (44%)

Yellow (43%)

Blue (46%)

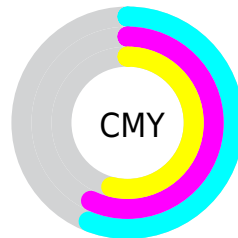


Cyan (4%)

Magenta (7%)

Yellow (0%)

Black (54%)



Cyan (56%)

Magenta (57%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 4.908, 304.910 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, 4.908, 304.910 by changing the saturation by 10% instead.

■ 47, 4.908, 304.910

■ 47, 4.908, 304.910

■ 100, 4.908,
304.910

■ 37, 4.908, 304.910

■ 67, 4.908, 304.910

■ 27, 4.908, 304.910

■ 77, 4.908, 304.910

■ 17, 4.908, 304.910

■ 87, 4.908, 304.910

■ 7, 4.908, 304.910

■ 97, 4.908, 304.910

■ 0, 4.908, 304.910

■ 47, 4.908, 304.910

■ 47, 4.908, 304.910

■ 43, 12.341,
305.452

■ 51, 2.294, 124.456

■ 39, 20.004,

■ 55, 9.263, 124.015

306.054

59, 16.009,
123.640

35, 27.871,
306.709

63, 22.543,
123.315

31, 35.885,
307.406

67, 28.876,
123.032

27, 43.934,
308.115

71, 35.018,
122.788

24, 51.807,
308.787

74, 40.982,
122.577

21, 59.155,
309.342

78, 46.778,
122.396

18, 65.455,
309.665

82, 52.416,
122.242

15, 70.484,
309.747

Harmonies

Complementary

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



47, 4.908, 304.910



49, 4.844, 124.269

Rectangle

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



47, 4.908, 304.910



47, 4.908, 354.910



47, 4.908, 124.910



47, 4.908, 174.910

Sweetspot

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



47, 4.907, 304.905



62, 1.783, 304.646



48, 2.626, 240.574



32, 1.008, 304.636



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, 4.907, 304.905



59, 7.179, 304.980



47, 5.519, 321.039



22, 4.068, 305.024



15, 74.077, 309.805



36, 126.420, 309.242

Inverse Universe

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



47, 4.414, 337.894



60, 6.453, 338.005



49, 5.498, 140.481



23, 3.655, 338.069



26, 51.714, 349.694



55, 86.790, 351.354

Previews

White Background



This preview shows how the CIELCh color 47, 4.908, 304.910 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 CIE LCh color 47, 4.908, 304.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

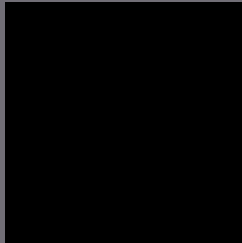
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

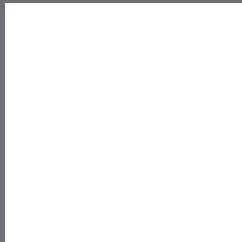
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 4.908, 304.910

Background



This preview shows how black text looks on a background with the CIELCh color 47, 4.908, 304.910.



This preview shows how white text looks on a background with the CIELCh color 47, 4.908, 304.910.

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, 4.908, 304.910

Protanopia

47, 4.147, 290.752

Deuteranopia

47, 7.908, 324.902



Tritanopia
47, 5.484, 303.439

Trichromacy



Original Color

47, 4.908, 304.910

Protanomaly

47, 4.172, 296.217

Deuteranomaly

47, 6.767, 319.143

Tritanomaly

47, 5.484, 303.439

Monochromacy



Original Color

47, 4.908, 304.910

Achromatopsia

47, 0.006, 296.813

Achromatomaly

47, 1.831, 303.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 4.908, 304.910 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(113, 110, 118)` looks like.

```
.text, #text, p{  
    color:rgb(113, 110, 118)  
}
```

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(113, 110, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 110, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 4.908, 304.910 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(113, 110, 118) }
```

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

```
.border{ border-color:rgb(113, 110, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 110, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 110, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 110, 118);  
box-shadow:4px 4px 4px 4px rgb(113, 110,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 4.908, 304.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 110, 118) }
```

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

```
.background{ background-color: rgb(113,  
110, 118) }
```

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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