

Converting Colors

CIELCh(47, 15.211, 326.599)

Have a look what the booklet for
CIELCh(47, 15.211, 326.599)
contains.

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Color

CIELCh(47, 15.211, 326.599)

Conversions

Conversions Part 1

Format	Color
Hex	7F697E
RGB	127, 105, 126
RGB Percent	50%, 41%, 49%
CMY	0.5033, 0.5895, 0.5072
CMYK	0.00, 0.17, 0.01, 0.50
HSL	303°, 10%, 45%
HSV	303°, 17%, 50%
XYZ	17.4635, 16.0195, 21.7954
YIQ	113.9720, 6.3710, 11.1950

Conversions

Conversions Part 2

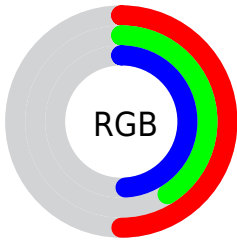
Format	Color
R_{YB}	127, 105, 126
Decimal	8350078
CIE Lab	47.00, 12.70, -8.37
CIE LCh	47, 15.211, 326.599
Yxy	16.0195, 0.3159, 0.2898
Android (android.graphics.Color)	4286540158 (0xFF7F697E)
YUV	113.9720, 5.9298, 11.4256
Hunter-Lab	40.0243, 7.8411, -4.2695

Details

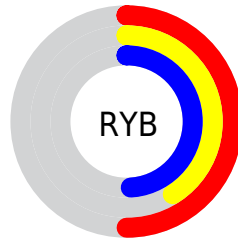
The CIELCh color $47, 15.211, 326.599$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 15.192, 144.634$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 15.588, 326.294$, and $27, 15.030, 327.101$ is the 20% darker color. If you saturate the color by 10%, you get $44, 23.988, 327.141$, and if you desaturate by 10%, it is $50, 6.417, 326.043$.

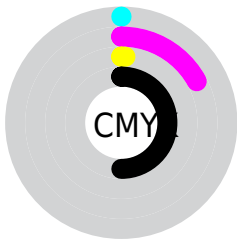
Distribution



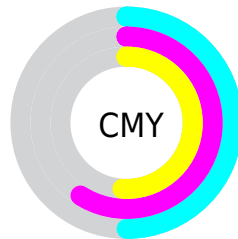
- Red (50%)
- Green (41%)
- Blue (49%)



- Red (50%)
- Yellow (41%)
- Blue (49%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (50%)





- Cyan (50%)
- Magenta (59%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 15.211, 326.599 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, 15.211, 326.599 by changing the saturation by 10% instead.


 47, 15.211,
326.599


 47, 15.211,
326.599


 100, 15.211,
326.599


 37, 15.211,
326.599

 67, 15.211,
326.599


 27, 15.211,
326.599

 77, 15.211,
326.599

 17, 15.211,
326.599

 87, 15.211,
326.599

 7, 15.211, 326.599

 97, 15.211,
326.599

 0, 15.211, 326.599

 47, 15.211,

 47, 15.211,

326.599

44, 23.988,
327.141

41, 32.588,
327.669

38, 40.787,
328.173

35, 48.304,
328.641

33, 54.816,
329.062

31, 60.011,
329.428

30, 63.655,
329.735

29, 65.908,
329.995

326.599

50, 6.417, 326.043

54, 2.276, 145.625

58, 10.797,
145.040

61, 19.103,
144.531

65, 27.172,
144.049

69, 34.995,
143.592

72, 42.575,
143.161

76, 49.918,
142.755

■ 29, 66.470,
330.061

■ 80, 57.034,
142.374

Harmonies

Complementary

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



47, 15.211, 326.599



51, 15.192, 144.634

Rectangle

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



47, 15.211, 326.599



47, 15.211, 16.599



47, 15.211, 146.599



47, 15.211, 196.599

Sweetspot

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



47, 15.209, 326.599



66, 5.426, 325.910



45, 13.145, 293.210



34, 3.732, 325.946



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



47, 15.209, 326.599



59, 22.947, 326.825



47, 10.873, 346.951



25, 4.947, 326.143



29, 66.786, 330.063



0, 0.000, 0.000

Inverse Universe

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



47, 15.209, 326.599



59, 22.947, 326.825



51, 10.610, 164.037



25, 4.947, 326.143



29, 66.786, 330.063



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 47, 15.211, 326.599 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, 15.211, 326.599 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, 15.211, 326.599

Background



This preview shows how black text looks on a background with the CIELCh color 47, 15.211, 326.599.



This preview shows how white text looks on a background with the CIELCh color 47, 15.211, 326.599.

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, 15.211, 326.599

Protanopia

47, 11.278, 285.939

Deuteranopia

47, 9.908, 307.447



Tritanopia
47, 8.770, 347.965

Trichromacy



Original Color
47, 15.211, 326.599

Protanomaly
47, 11.535, 303.242

Deuteranomaly
47, 11.887, 317.007

Tritanomaly
47, 11.183, 337.472

Monochromacy



Original Color
47, 15.211, 326.599

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 5.269, 328.381

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 15.211, 326.599 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(127, 105, 126)` looks like.

```
.text, #text, p{  
    color:rgb(127, 105, 126)  
}
```

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(127, 105, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 105, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 15.211, 326.599 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(127, 105, 126) }
```

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

```
.border{ border-color:rgb(127, 105, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 105, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 105, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 105, 126);  
box-shadow:4px 4px 4px 4px rgb(127, 105,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 15.211, 326.599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 105, 126) }
```

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

```
.background{ background-color: rgb(127,  
105, 126) }
```

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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