

Converting Colors

CIELCh(47, 15.167, 332.088)

Have a look what the booklet for
CIELCh(47, 15.167, 332.088)
contains.

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Color

CIELCh(47, 15.495, 331.691)

Conversions

Conversions Part 1

Format	Color
Hex	81687C
RGB	129, 104, 124
RGB Percent	51%, 41%, 49%
CMY	0.4942, 0.5922, 0.5138
CMYK	0.00, 0.19, 0.04, 0.49
HSL	312°, 11%, 46%
HSV	312°, 19%, 51%
XYZ	17.6379, 16.0195, 21.2273
YIQ	113.7550, 8.4800, 11.5200

Conversions

Conversions Part 2

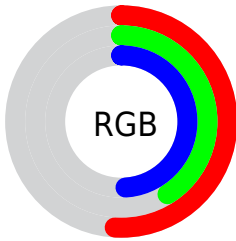
Format	Color
R_{YB}	129, 104, 124
Decimal	8480892
CIE _{Lab}	47.00, 13.64, -7.35
CIE _{LCh}	47, 15.495, 331.691
Yxy	16.0195, 0.3214, 0.2919
Android (android.graphics.Color)	4286670972 (0xFF81687C)
YUV	113.7550, 5.0508, 13.3699
Hunter-Lab	40.0243, 8.6189, -3.4280

Details

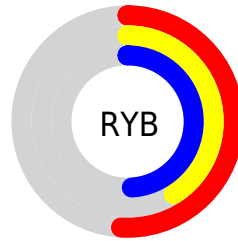
The CIELCh color $47, 15.495, 331.691$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 15.434, 149.244$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 15.851, 330.907$, and $27, 15.066, 331.473$ is the 20% darker color. If you saturate the color by 10%, you get $44, 23.504, 332.336$, and if you desaturate by 10%, it is $51, 7.461, 331.059$.

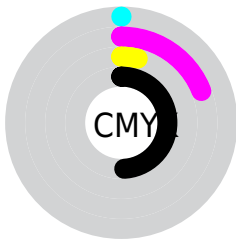
Distribution



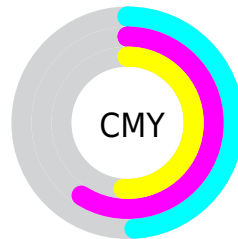
- Red (51%)
- Green (41%)
- Blue (49%)



- Red (51%)
- Yellow (41%)
- Blue (49%)



- Cyan (0%)
- Magenta (19%)
- Yellow (4%)
- Black (49%)





- Cyan (49%)
- Magenta (59%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 15.495, 331.691 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, 15.495, 331.691 by changing the saturation by 10% instead.


 47, 15.495,
331.691


 47, 15.495,
331.691


 100, 15.495,
331.691


 37, 15.495,
331.691

 67, 15.495,
331.691


 27, 15.495,
331.691

 77, 15.495,
331.691

 17, 15.495,
331.691


 87, 15.495,
331.691

 7, 15.495, 331.691

 97, 15.495,
331.691

 0, 15.495, 331.691

 47, 15.495,

 47, 15.495,

331.691

44, 23.504,
332.336

40, 31.333,
332.998

37, 38.754,
333.681

35, 45.480,
334.388

32, 51.182,
335.130

31, 55.533,
335.924

29, 58.296,
336.797

29, 59.860,
337.741

331.691

51, 7.461, 331.059

54, 0.483, 150.958

58, 8.271, 149.952

62, 15.863,
149.396

65, 23.240,
148.875

69, 30.397,
148.382

73, 37.336,
147.916

77, 44.065,
147.477

81, 50.595,

■ 29, 59.957,
337.799

147.063

Harmonies

Complementary

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



47, 15.495, 331.691



52, 15.434, 149.244

Rectangle

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



47, 15.495, 331.691



47, 15.495, 21.691



47, 15.495, 151.691



47, 15.495, 201.691

Sweetspot

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



47, 15.493, 331.692



66, 5.920, 330.848



45, 15.087, 299.416



34, 3.910, 330.882



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, 15.493, 331.692



59, 22.876, 331.958



47, 11.283, 357.821



25, 4.440, 331.040



28, 59.467, 337.786



0, 0.000, 0.000

Inverse Universe

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



47, 15.493, 331.692



59, 22.876, 331.958



52, 10.692, 174.221



25, 4.440, 331.040



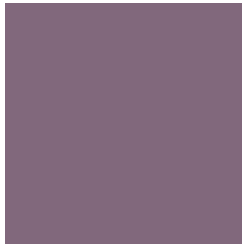
28, 59.467, 337.786



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 47, 15.495, 331.691 looks on a white background.

Color Contrast Check

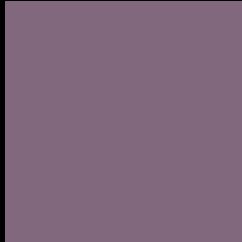
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.495, 331.691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

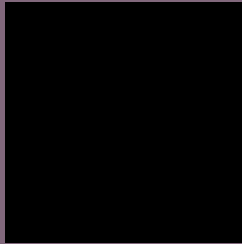
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 15.495, 331.691

Background



This preview shows how black text looks on a background with the CIELCh color 47, 15.495, 331.691.



This preview shows how white text looks on a background with the CIELCh color 47, 15.495, 331.691.

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, 15.495, 331.691

Protanopia

47, 10.076, 287.203

Deuteranopia

47, 8.914, 311.977



Tritanopia
47, 10.224, 353.277

Trichromacy



Original Color
47, 15.495, 331.691

Protanomaly
47, 11.737, 306.983

Deuteranomaly
47, 11.036, 321.579

Tritanomaly
47, 12.114, 341.674

Monochromacy



Original Color
47, 15.495, 331.691

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 5.989, 327.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 15.495, 331.691 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(129, 104, 124)` looks like.

```
.text, #text, p{  
    color:rgb(129, 104, 124)  
}
```

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(129, 104, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 104, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 15.495, 331.691 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(129, 104, 124) }
```

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

```
.border{ border-color:rgb(129, 104, 124) }
```

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

Here you see how a box with a 4 pixel rgb(129, 104, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 104, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 104, 124);  
box-shadow:4px 4px 4px 4px rgb(129, 104,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 15.495, 331.691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 104, 124) }
```

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

```
.background{ background-color: rgb(129,  
104, 124) }
```

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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