

Converting Colors

CIELCh(47, 16.559, 330.666)

Have a look what the booklet for
CIELCh(47, 16.559, 330.666)
contains.

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Color

CIELCh(47, 16.183, 331.455)

Conversions

Conversions Part 1

Format	Color
Hex	82687D
RGB	130, 104, 125
RGB Percent	51%, 41%, 49%
CMY	0.4916, 0.5935, 0.5112
CMYK	0.00, 0.20, 0.04, 0.49
HSL	312°, 11%, 46%
HSV	312°, 20%, 51%
XYZ	17.7446, 16.0195, 21.4393
YIQ	114.1680, 8.7550, 12.0430

Conversions

Conversions Part 2

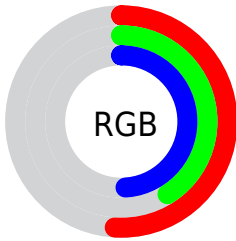
Format	Color
R_{YB}	130, 104, 125
Decimal	8546429
CIE Lab	47.00, 14.22, -7.73
CIE LCh	47, 16.183, 331.455
Yxy	16.0195, 0.3214, 0.2902
Android (android.graphics.Color)	4286736509 (0xFF82687D)
YUV	114.1680, 5.3402, 13.8847
Hunter-Lab	40.0243, 9.0948, -3.7421

Details

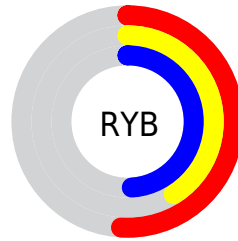
The CIELCh color $47, 16.183, 331.455$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 16.122, 148.928$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 16.502, 330.707$, and $27, 15.802, 331.250$ is the 20% darker color. If you saturate the color by 10%, you get $44, 24.261, 332.094$, and if you desaturate by 10%, it is $51, 8.070, 330.828$.

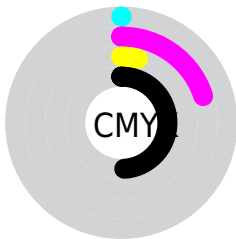
Distribution



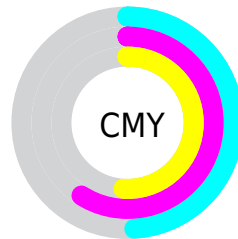
- Red (51%)
- Green (41%)
- Blue (49%)



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



- Cyan (0%)
- Magenta (20%)
- Yellow (4%)
- Black (49%)




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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 16.183, 331.455 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, 16.183, 331.455 by changing the saturation by 10% instead.


 47, 16.183,
331.455


 47, 16.183,
331.455


 100, 16.183,
331.455


 37, 16.183,
331.455

 67, 16.183,
331.455


 27, 16.183,
331.455

 77, 16.183,
331.455

 17, 16.183,
331.455


 87, 16.183,
331.455

 7, 16.183, 331.455

 97, 16.183,
331.455

 0, 16.183, 331.455

 47, 16.183,

 47, 16.183,

331.455

44, 24.261,
332.094

40, 32.141,
332.750

37, 39.592,
333.423

35, 46.319,
334.117

33, 51.989,
334.841

31, 56.278,
335.612

30, 58.960,
336.456

29, 60.512,
337.354

331.455

51, 8.070, 330.828

54, 0.040, 324.724

58, 7.836, 149.724

62, 15.516,
149.167

66, 22.981,
148.645

69, 30.223,
148.152

73, 37.245,
147.686

77, 44.055,
147.247

81, 50.662,

Harmonies

Complementary

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



47, 16.183, 331.455



52, 16.122, 148.928

Rectangle

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



47, 16.183, 331.455



47, 16.183, 21.455



47, 16.183, 151.455



47, 16.183, 201.455

Sweetspot

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



47, 16.181, 331.456



66, 5.953, 330.576



45, 15.667, 298.878



34, 3.931, 330.610



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, 16.181, 331.456



58, 24.002, 331.742



47, 11.820, 356.742



25, 4.465, 330.767



28, 59.804, 337.336



0, 0.000, 0.000

Inverse Universe

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



47, 16.181, 331.456



58, 24.002, 331.742



52, 11.217, 173.009



25, 4.465, 330.767



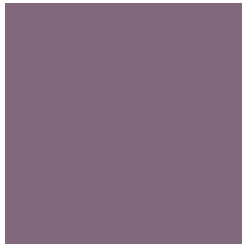
28, 59.804, 337.336



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 47, 16.183, 331.455 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, 16.183, 331.455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

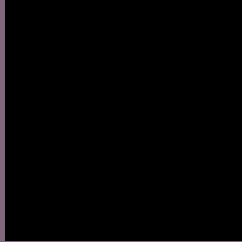
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 16.183, 331.455

Background



This preview shows how black text looks on a background with the CIELCh color 47, 16.183, 331.455.



This preview shows how white text looks on a background with the CIELCh color 47, 16.183, 331.455.

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, 16.183, 331.455

Protanopia

47, 10.691, 285.520

Deuteranopia

47, 9.467, 310.723



Tritanopia
47, 10.224, 353.277

Trichromacy



Original Color
47, 16.183, 331.455

Protanomaly
47, 11.737, 306.983

Deuteranomaly
47, 11.739, 321.827

Tritanomaly
47, 12.432, 342.943

Monochromacy



Original Color
47, 16.183, 331.455

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 6.243, 330.987

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 16.183, 331.455 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(130, 104, 125)` looks like.

```
.text, #text, p{  
    color:rgb(130, 104, 125)  
}
```

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(130, 104, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 104, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 16.183, 331.455 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(130, 104, 125) }
```

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

```
.border{ border-color:rgb(130, 104, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 104, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 104, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 104, 125);  
box-shadow:4px 4px 4px 4px rgb(130, 104,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 16.183, 331.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 104, 125) }
```

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

```
.background{ background-color: rgb(130,  
104, 125) }
```

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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