

Converting Colors

CIELCh(47, 17.511, 330.713)

Have a look what the booklet for
CIELCh(47, 17.511, 330.713)
contains.

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Color

CIELCh(47, 17.577, 331.057)

Conversions

Conversions Part 1

Format	Color
Hex	83677E
RGB	131, 103, 126
RGB Percent	51%, 40%, 49%
CMY	0.4864, 0.5962, 0.5060
CMYK	0.00, 0.21, 0.04, 0.49
HSL	311°, 12%, 46%
HSV	311°, 21%, 51%
XYZ	17.9627, 16.0195, 21.8696
YIQ	113.9940, 9.3050, 13.0890

Conversions

Conversions Part 2

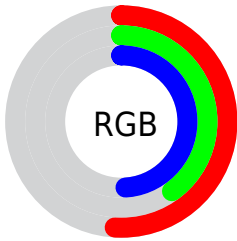
Format	Color
R_{YB}	131, 103, 126
Decimal	8611710
CIE Lab	47.00, 15.38, -8.51
CIE LCh	47, 17.577, 331.057
Yxy	16.0195, 0.3216, 0.2868
Android (android.graphics.Color)	4286801790 (0xFF83677E)
YUV	113.9940, 5.9190, 14.9143
Hunter-Lab	40.0243, 10.0673, -4.3794

Details

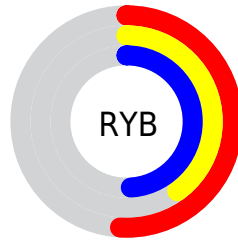
The CIELCh color $47, 17.577, 331.057$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $52, 17.516, 148.365$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 17.818, 330.361$, and $27, 17.300, 330.890$ is the 20% darker color. If you saturate the color by 10%, you get $44, 25.781, 331.687$, and if you desaturate by 10%, it is $51, 9.315, 330.438$.

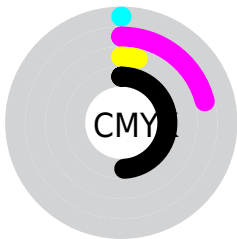
Distribution



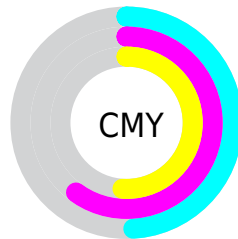
- Red (51%)
- Green (40%)
- Blue (49%)



- Red (51%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (21%)
- Yellow (4%)
- Black (49%)





- Cyan (49%)
- Magenta (60%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 17.577, 331.057 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, 17.577, 331.057 by changing the saturation by 10% instead.


 47, 17.577,
331.057


 47, 17.577,
331.057


 100, 17.577,
331.057


 37, 17.577,
331.057

 67, 17.577,
331.057


 27, 17.577,
331.057

 77, 17.577,
331.057

 17, 17.577,
331.057


 87, 17.577,
331.057

 7, 17.577, 331.057

 97, 17.577,
331.057

 0, 17.577, 331.057

 47, 17.577,

 47, 17.577,

331.057

44, 25.781,
331.687

40, 33.753,
332.330

37, 41.249,
332.986

35, 47.963,
333.656

33, 53.556,
334.350

31, 57.710,
335.081

30, 60.218,
335.873

29, 61.561,
336.589

331.057

51, 9.315, 330.438

54, 1.124, 329.675

58, 6.920, 149.338

62, 14.770,
148.779

66, 22.402,
148.257

69, 29.808,
147.763

73, 36.989,
147.296

77, 43.952,
146.855

81, 50.707,

Harmonies

Complementary

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



47, 17.577, 331.057



52, 17.516, 148.365

Rectangle

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



47, 17.577, 331.057



47, 17.577, 21.057



47, 17.577, 151.057



47, 17.577, 201.057

Sweetspot

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



47, 17.575, 331.058



67, 6.085, 330.106



45, 16.872, 298.407



35, 4.069, 330.141



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



47, 17.575, 331.058



58, 26.574, 331.385



47, 12.840, 355.757



26, 4.658, 330.298



29, 61.258, 336.582



0, 1.109, 329.789

Inverse Universe

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



47, 17.575, 331.058



58, 26.574, 331.385



52, 12.181, 171.751



26, 4.658, 330.298



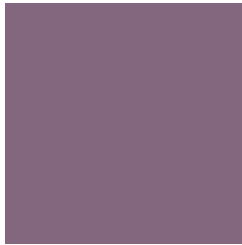
29, 61.258, 336.582



0, 1.109, 329.789

Previews

White Background



This preview shows how the CIELCh color 47, 17.577, 331.057 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, 17.577, 331.057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

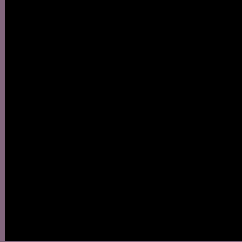
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 17.577, 331.057

Background



This preview shows how black text looks on a background with the CIELCh color 47, 17.577, 331.057.



This preview shows how white text looks on a background with the CIELCh color 47, 17.577, 331.057.

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, 17.577, 331.057

Protanopia

47, 11.865, 286.323

Deuteranopia

47, 9.908, 307.447



Tritanopia
47, 10.989, 355.444

Trichromacy



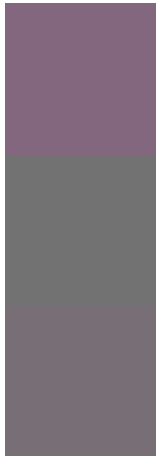
Original Color
47, 17.577, 331.057

Protanomaly
47, 12.879, 305.647

Deuteranomaly
47, 12.061, 318.732

Tritanomaly
47, 13.435, 343.237

Monochromacy



Original Color
47, 17.577, 331.057

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, 17.577, 331.057 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(131, 103, 126)` looks like.

```
.text, #text, p{  
    color:rgb(131, 103, 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(131, 103, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 103, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 17.577, 331.057 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(131, 103, 126) }
```

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

```
.border{ border-color:rgb(131, 103, 126) }
```

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

Here you see how a box with a 4 pixel rgb(131, 103, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 103, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 103, 126);  
box-shadow:4px 4px 4px 4px rgb(131, 103,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 17.577, 331.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 103, 126) }
```

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

```
.background{ background-color: rgb(131,  
103, 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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