

Converting Colors

CIELCh(47, 17.759, 340.215)

Have a look what the booklet for
CIELCh(47, 17.759, 340.215)
contains.

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Color

CIELCh(47, 17.761, 340.214)

Conversions

Conversions Part 1

Format	Color
Hex	87667A
RGB	135, 102, 122
RGB Percent	53%, 40%, 48%
CMY	0.4711, 0.6005, 0.5221
CMYK	0.00, 0.24, 0.10, 0.47
HSL	324°, 14%, 46%
HSV	324°, 24%, 53%
XYZ	18.2138, 16.0195, 20.5021
YIQ	114.1470, 13.2480, 13.2160

Conversions

Conversions Part 2

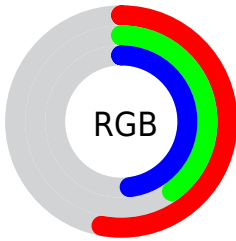
Format	Color
R_{YB}	135, 102, 122
Decimal	8873594
CIE Lab	47.00, 16.71, -6.01
CIE LCh	47, 17.761, 340.214
Yxy	16.0195, 0.3328, 0.2927
Android (android.graphics.Color)	4287063674 (0xFF87667A)
YUV	114.1470, 3.8715, 18.2881
Hunter-Lab	40.0243, 11.1872, -2.3538

Details

The CIELCh color $47, 17.761, 340.214$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $53, 17.465, 156.399$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 17.892, 340.912$, and $27, 17.471, 341.318$ is the 20% darker color. If you saturate the color by 10%, you get $43, 25.040, 341.110$, and if you desaturate by 10%, it is $51, 10.437, 339.392$.

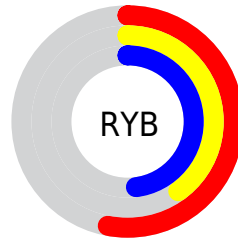
Distribution



Red (53%)

Green (40%)

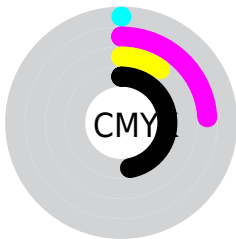
Blue (48%)



Red (53%)

Yellow (40%)

Blue (48%)

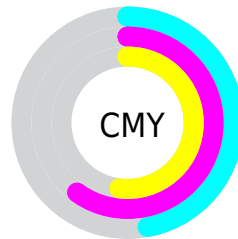


Cyan (0%)

Magenta (24%)

Yellow (10%)

Black (47%)



Cyan (47%)


Magenta (60%)

Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 17.761, 340.214 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, 17.761, 340.214 by changing the saturation by 10% instead.


 47, 17.761,
340.214


 47, 17.761,
340.214


 100, 17.761,
340.214


 37, 17.761,
340.214

 67, 17.761,
340.214


 27, 17.761,
340.214

 77, 17.761,
340.214

 17, 17.761,
340.214


 87, 17.761,
340.214

 7, 17.761, 340.214

 97, 17.761,
340.214

 0, 17.761, 340.214

 47, 17.761,

 47, 17.761,

340.214

340.214

43, 25.040,
341.110

51, 10.437,
339.392

40, 32.100,
342.100

55, 3.192, 338.582

58, 3.902, 158.045

37, 38.693,
343.217

62, 10.806,
157.353

34, 44.505,
344.508

66, 17.499,
156.739

32, 49.191,
346.039

70, 23.979,
156.169

30, 52.442,
347.899

74, 30.250,
155.637

29, 54.134,
350.187

78, 36.320,
155.139

29, 54.847,
351.526

 82, 42.201,
154.672

Harmonies

Complementary

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



47, 17.761, 340.214



53, 17.465, 156.399

Rectangle

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



47, 17.761, 340.214



47, 17.761, 30.214



47, 17.761, 160.214



47, 17.761, 210.214

Sweetspot

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



47, 17.759, 340.215



68, 6.238, 338.811



45, 20.335, 306.221



36, 4.087, 338.850



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



47, 17.759, 340.215



58, 26.192, 340.669



47, 14.192, 12.104



26, 3.996, 338.968



28, 53.458, 351.413



0, 0.949, 338.347

Inverse Universe

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



47, 17.759, 340.215



58, 26.192, 340.669



54, 12.564, 187.923



26, 3.996, 338.968



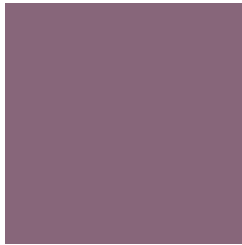
28, 53.458, 351.413



0, 0.949, 338.347

Previews

White Background



This preview shows how the CIELCh color 47, 17.761, 340.214 looks on a white background.

Color Contrast Check

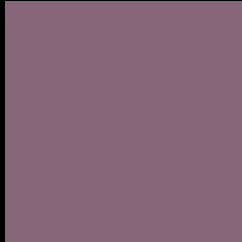
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.761, 340.214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

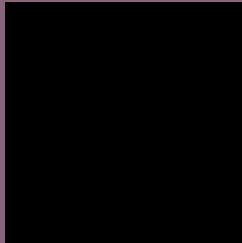
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 17.761, 340.214

Background



This preview shows how black text looks on a background with the CIELCh color 47, 17.761, 340.214.



This preview shows how white text looks on a background with the CIELCh color 47, 17.761, 340.214.

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, 17.761, 340.214

Protanopia

47, 10.076, 287.203

Deuteranopia

47, 8.714, 318.310



Tritanopia
47, 13.339, 0.545

Trichromacy



Original Color
47, 17.761, 340.214

Protanomaly
47, 11.413, 311.573

Deuteranomaly
47, 11.480, 330.218

Tritanomaly
47, 14.846, 350.379

Monochromacy



Original Color
47, 17.761, 340.214

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 6.410, 340.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 17.761, 340.214 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(135, 102, 122)` looks like.

```
.text, #text, p{  
    color:rgb(135, 102, 122)  
}
```

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(135, 102, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 102, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 17.761, 340.214 is called "border". The border property can be set on classes, ids or directly on the HTML element.

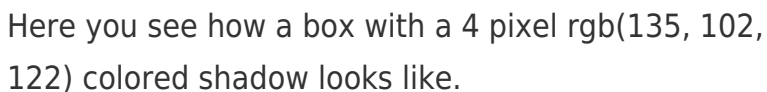
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 102, 122) }
```

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

```
.border{ border-color:rgb(135, 102, 122) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 102, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 102, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 102, 122); box-shadow:4px 4px 4px 4px rgb(135, 102, 122) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 17.761, 340.214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 102, 122) }
```

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

```
.background{ background-color: rgb(135,  
102, 122) }
```

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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