

Converting Colors

CIELCh(47, 16.920, 323.462)

Have a look what the booklet for
CIELCh(47, 16.920, 323.462)
contains.

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Color

CIELCh(47, 17.376, 323.189)

Conversions

Conversions Part 1

Format	Color
Hex	7F6881
RGB	127, 104, 129
RGB Percent	50%, 41%, 51%
CMY	0.5017, 0.5919, 0.4938
CMYK	0.02, 0.19, 0.00, 0.49
HSL	295°, 11%, 46%
HSV	295°, 19%, 51%
XYZ	17.6880, 16.0195, 22.9542
YIQ	113.7270, 5.6830, 12.6510

Conversions

Conversions Part 2

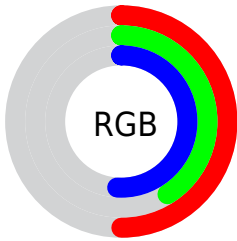
Format	Color
R_{YB}	127, 104, 129
Decimal	8349825
CIE _{Lab}	47.00, 13.91, -10.41
CIE _{LCh}	47, 17.376, 323.189
Yxy	16.0195, 0.3122, 0.2827
Android (android.graphics.Color)	4286539905 (0xFF7F6881)
YUV	113.7270, 7.5296, 11.6404
Hunter-Lab	40.0243, 8.8423, -5.9861

Details

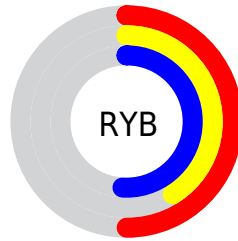
The CIELCh color $47, 17.376, 323.189$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $52, 17.311, 141.223$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 17.618, 323.160$, and $27, 17.380, 323.355$ is the 20% darker color. If you saturate the color by 10%, you get $44, 26.383, 323.663$, and if you desaturate by 10%, it is $51, 8.359, 322.699$.

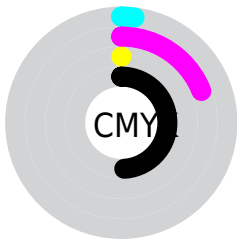
Distribution



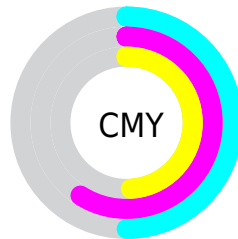
- Red (50%)
- Green (41%)
- Blue (51%)



- Red (50%)
- Yellow (41%)
- Blue (51%)



- Cyan (2%)
- Magenta (19%)
- Yellow (0%)
- Black (49%)




- Cyan (50%)
- Magenta (59%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 17.376, 323.189 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, 17.376, 323.189 by changing the saturation by 10% instead.

 47, 17.376,
323.189


 47, 17.376,
323.189

 100, 17.376,
323.189


 37, 17.376,
323.189

 67, 17.376,
323.189


 27, 17.376,
323.189

 77, 17.376,
323.189

 17, 17.376,
323.189

 87, 17.376,
323.189

 7, 17.376, 323.189

 97, 17.376,
323.189

 0, 17.376, 323.189

 47, 17.376,

 47, 17.376,

323.189

44, 26.383,
323.663

40, 35.222,
324.113

37, 43.668,
324.520

35, 51.432,
324.864

32, 58.178,
325.121

30, 63.571,
325.268

29, 67.355,
325.287

28, 69.912,
325.211

323.189

51, 8.359, 322.699

54, 0.552, 142.559

58, 9.289, 141.800

62, 17.810,
141.346

66, 26.094,
140.920

69, 34.134,
140.519

73, 41.930,
140.145

77, 49.488,
139.797

81, 56.818,

■ 28, 70.073,
325.206

139.474

Harmonies

Complementary

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



47, 17.376, 323.189



52, 17.311, 141.223

Rectangle

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



47, 17.376, 323.189



47, 17.376, 13.189



47, 17.376, 143.189



47, 17.376, 193.189

Sweetspot

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



47, 17.374, 323.189



66, 6.636, 322.534



45, 13.668, 288.799



34, 4.383, 322.561



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, 17.374, 323.189



59, 25.660, 323.389



47, 13.323, 340.888



25, 4.978, 322.685



28, 69.456, 325.210



0, 0.000, 0.000

Inverse Universe

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



46, 10.638, 14.392



58, 15.902, 14.843



52, 13.120, 157.910



25, 2.963, 13.399



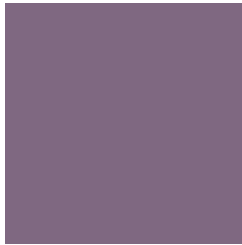
25, 58.801, 35.106



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 47, 17.376, 323.189 looks on a white background.

Color Contrast Check

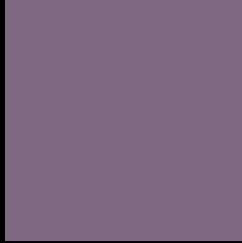
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.376, 323.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

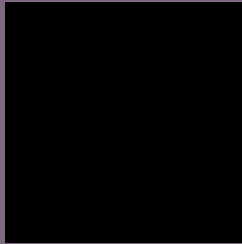
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 17.376, 323.189

Background



This preview shows how black text looks on a background with the CIELCh color 47, 17.376, 323.189.



This preview shows how white text looks on a background with the CIELCh color 47, 17.376, 323.189.

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, 17.376, 323.189

Protanopia

47, 13.069, 285.393

Deuteranopia

47, 11.535, 303.242



Tritanopia
47, 8.770, 347.965

Trichromacy



Original Color
47, 17.376, 323.189

Protanomaly
47, 14.462, 301.114

Deuteranomaly
47, 13.357, 312.200

Tritanomaly
47, 11.584, 335.321

Monochromacy



Original Color
47, 17.376, 323.189

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 6.464, 324.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 17.376, 323.189 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, 104, 129)` looks like.

```
.text, #text, p{  
    color:rgb(127, 104, 129)  
}
```

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, 104, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 104, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 17.376, 323.189 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, 104, 129) }
```

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

```
.border{ border-color:rgb(127, 104, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 104, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 104, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 104, 129);  
box-shadow:4px 4px 4px 4px rgb(127, 104,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 17.376, 323.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 104, 129) }
```

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

```
.background{ background-color: rgb(127,  
104, 129) }
```

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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