

Converting Colors

CIELCh(47, 17.077, 325.879)

Have a look what the booklet for
CIELCh(47, 17.077, 325.879)
contains.

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Color

CIELCh(47, 17.095, 325.417)

Conversions

Conversions Part 1

Format	Color
Hex	806880
RGB	128, 104, 128
RGB Percent	50%, 41%, 50%
CMY	0.4984, 0.5925, 0.4984
CMYK	0.00, 0.19, 0.00, 0.50
HSL	300°, 10%, 45%
HSV	300°, 19%, 50%
XYZ	17.7183, 16.0195, 22.5469
YIQ	113.9120, 6.6000, 12.5520

Conversions

Conversions Part 2

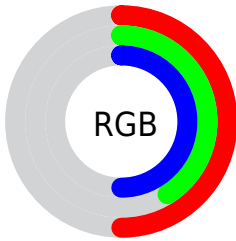
Format	Color
R_{YB}	128, 104, 128
Decimal	8415360
CIE _{Lab}	47.00, 14.07, -9.70
CIE _{LCh}	47, 17.095, 325.417
Yxy	16.0195, 0.3148, 0.2846
Android (android.graphics.Color)	4286605440 (0xFF806880)
YUV	113.9120, 6.9454, 12.3552
Hunter-Lab	40.0243, 8.9774, -5.3828

Details

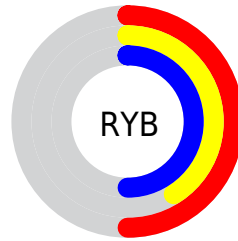
The CIELCh color $47, 17.095, 325.417$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 17.079, 143.311$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 17.360, 325.206$, and $27, 17.060, 325.809$ is the 20% darker color. If you saturate the color by 10%, you get $44, 26.199, 325.938$, and if you desaturate by 10%, it is $50, 7.949, 324.879$.

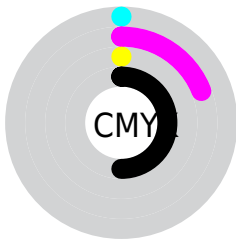
Distribution



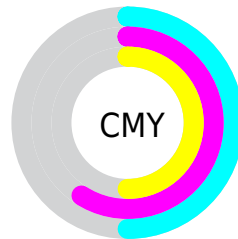
- Red (50%)
- Green (41%)
- Blue (50%)



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



- Cyan (0%)
- Magenta (19%)
- Yellow (0%)
- Black (50%)




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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 17.095, 325.417 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, 17.095, 325.417 by changing the saturation by 10% instead.


 47, 17.095,
325.417


 47, 17.095,
325.417


 100, 17.095,
325.417


 37, 17.095,
325.417

 67, 17.095,
325.417


 27, 17.095,
325.417

 77, 17.095,
325.417


 17, 17.095,
325.417


 87, 17.095,
325.417

 7, 17.095, 325.417

 97, 17.095,
325.417

 0, 17.095, 325.417

 47, 17.095,

 47, 17.095,

325.417

44, 26.199,
325.938

41, 35.086,
326.436

38, 43.516,
326.898

35, 51.193,
327.308

33, 57.792,
327.653

32, 63.009,
327.919

31, 66.636,
328.101

30, 69.001,
328.218

325.417

50, 7.949, 324.879

54, 1.109, 144.546

58, 9.998, 143.883

61, 18.667,
143.377

65, 27.089,
142.897

69, 35.254,
142.442

73, 43.160,
142.014

76, 50.813,
141.611

80, 58.224,

■ 30, 69.288,
328.232

141.235

Harmonies

Complementary

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



47, 17.095, 325.417



51, 17.079, 143.311

Rectangle

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



47, 17.095, 325.417



47, 17.095, 15.417



47, 17.095, 145.417



47, 17.095, 195.417

Sweetspot

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



47, 17.093, 325.417



65, 6.720, 324.731



45, 14.104, 291.532



34, 4.493, 324.761



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, 17.093, 325.417



58, 25.918, 325.668



47, 12.246, 344.287



25, 5.102, 324.897



30, 69.130, 328.232



0, 0.000, 0.000

Inverse Universe

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



46, 10.215, 20.648



57, 15.759, 21.087



51, 11.993, 161.234



25, 2.951, 19.874



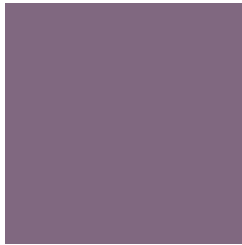
25, 61.101, 38.346



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 47, 17.095, 325.417 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, 17.095, 325.417 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, 17.095, 325.417

Background



This preview shows how black text looks on a background with the CIELCh color 47, 17.095, 325.417.



This preview shows how white text looks on a background with the CIELCh color 47, 17.095, 325.417.

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, 17.095, 325.417

Protanopia

47, 12.484, 284.982

Deuteranopia

47, 10.957, 303.829



Tritanopia
47, 9.782, 347.779

Trichromacy



Original Color
47, 17.095, 325.417

Protanomaly
47, 13.949, 303.011

Deuteranomaly
47, 12.955, 314.757

Tritanomaly
47, 12.572, 336.192

Monochromacy



Original Color
47, 17.095, 325.417

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, 17.095, 325.417 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(128, 104, 128)` looks like.

```
.text, #text, p{  
    color:rgb(128, 104, 128)  
}
```

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(128, 104, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 104, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 17.095, 325.417 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(128, 104, 128) }
```

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

```
.border{ border-color:rgb(128, 104, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 104, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 104, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 104, 128);  
box-shadow:4px 4px 4px 4px rgb(128, 104,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 17.095, 325.417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 104, 128) }
```

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

```
.background{ background-color: rgb(128,  
104, 128) }
```

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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