

Converting Colors

CIELCh(47, 34.392, 18.337)

Have a look what the booklet for
CIELCh(47, 34.392, 18.337) contains.

CIELCh(47, 34.735, 17.916)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(47, 34.735, 17.916)

Conversions

Conversions Part 1

Format	Color
Hex	A7585F
RGB	167, 88, 95
RGB Percent	65%, 35%, 37%
CMY	0.3451, 0.6549, 0.6275
CMYK	0.00, 0.47, 0.43, 0.35
HSL	355°, 31%, 50%
HSV	355°, 47%, 65%
XYZ	21.4896, 16.0195, 12.7847
YIQ	112.4190, 44.8370, 18.9250

Conversions

Conversions Part 2

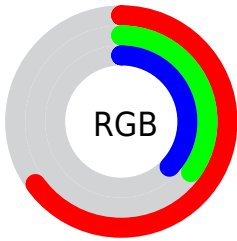
Format	Color
R_{YB}	167, 88, 95
Decimal	10967135
CIE _{Lab}	47.00, 33.05, 10.69
CIE _{LCh}	47, 34.735, 17.916
Yxy	16.0195, 0.4273, 0.3185
Android (android.graphics.Color)	4289157215 (0xFFA7585F)
YUV	112.4190, -8.5876, 47.8675
Hunter-Lab	40.0243, 25.7965, 9.0784

Details

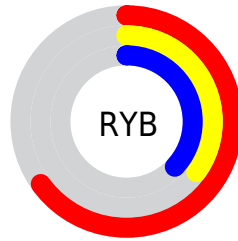
The CIELCh color **47, 34.735, 17.916** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **64, 26.320, 188.555**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 34.731, 18.582**, and **27, 34.863, 18.082** is the 20% darker color. If you saturate the color by 10%, you get **43, 42.820, 20.202**, and if you desaturate by 10%, it is **51, 26.738, 16.123**.

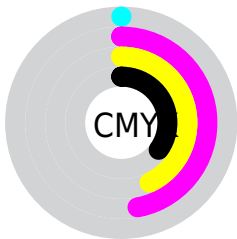
Distribution



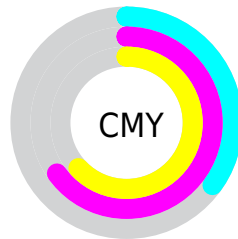
- Red (65%)
- Green (35%)
- Blue (37%)



- Red (65%)
- Yellow (35%)
- Blue (37%)



- Cyan (0%)
- Magenta (47%)
- Yellow (43%)
- Black (35%)



- Cyan (35%)
- Magenta (65%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 34.735, 17.916 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, 34.735, 17.916 by changing the saturation by 10% instead.

■ 47, 34.735, 17.916

■ 47, 34.735, 17.916

■ 100, 34.735,
17.916

■ 37, 34.735, 17.916

■ 67, 34.735, 17.916

■ 27, 34.735, 17.916

■ 77, 34.735, 17.916

■ 17, 34.735, 17.916

■ 87, 34.735, 17.916

■ 7, 34.735, 17.916

■ 97, 34.735, 17.916

■ 0, 34.735, 17.916

■ 47, 34.735, 17.916

■ 47, 34.735, 17.916

■ 43, 42.820, 20.202

■ 51, 26.738, 16.123

■ 40, 50.755, 23.095

■ 56, 19.016, 14.697

38, 58.268, 26.677

60, 11.677, 13.543

36, 65.105, 30.869

65, 4.769, 12.559

35, 70.975, 35.149

70, 1.699, 192.168

34, 72.429, 36.079

75, 7.747, 191.309

80, 13.404,
190.735

85, 18.707,
190.253

90, 23.695,
189.835

Harmonies

Complementary

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



47, 34.735, 17.916



64, 26.320, 188.555

Rectangle

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



47, 34.735, 17.916



47, 34.735, 67.916



47, 34.735, 197.916



47, 34.735, 247.916

Sweetspot

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



47, 34.733, 17.919



78, 11.565, 13.232



48, 51.536, 323.875



41, 8.103, 13.443



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



47, 34.733, 17.919



56, 52.714, 20.391



54, 28.672, 59.351



33, 3.743, 12.750



30, 65.896, 35.621



1, 6.622, 13.088

Inverse Universe

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



47, 34.733, 17.919



56, 52.714, 20.391



54, 22.909, 251.607



33, 3.743, 12.750



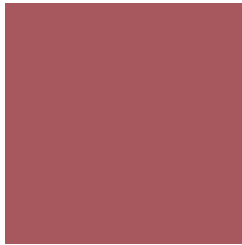
30, 65.896, 35.621



1, 6.622, 13.088

Previews

White Background



This preview shows how the CIELCh color 47, 34.735, 17.916 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, 34.735, 17.916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

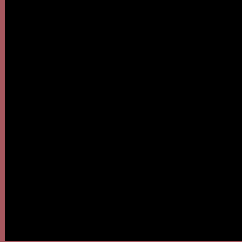
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 34.735, 17.916

Background



This preview shows how black text looks on a background with the CIELCh color 47, 34.735, 17.916.



This preview shows how white text looks on a background with the CIELCh color 47, 34.735, 17.916.

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, 34.735, 17.916

Protanopia

47, 2.871, 74.534

Deuteranopia

47, 13.651, 63.400



Tritanopia
47, 34.809, 18.866

Trichromacy



Original Color
47, 34.735, 17.916

Protanomaly
47, 13.308, 21.059

Deuteranomaly
47, 19.421, 35.468

Tritanomaly
47, 34.809, 18.866

Monochromacy



Original Color
47, 34.735, 17.916

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 12.415, 12.838

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 34.735, 17.916 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(167, 88, 95)` looks like.

```
.text, #text, p{  
    color:rgb(167, 88, 95)  
}
```

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(167, 88, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 88, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 34.735, 17.916 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(167, 88, 95) }
```

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

```
.border{ border-color:rgb(167, 88, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 88, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 88, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 88, 95);  
box-shadow:4px 4px 4px 4px rgb(167, 88,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 34.735, 17.916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 88, 95) }
```

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

```
.background{ background-color: rgb(167, 88,  
95) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor