

Converting Colors

CIELCh(67, 17.987, 19.792)

Have a look what the booklet for
CIELCh(67, 17.987, 19.792) contains.

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Color

CIELCh(67, 17.983, 19.371)

Conversions

Conversions Part 1

Format	Color
Hex	C59899
RGB	197, 152, 153
RGB Percent	77%, 60%, 60%
CMY	0.2274, 0.4039, 0.4000
CMYK	0.00, 0.23, 0.22, 0.23
HSL	359°, 28%, 68%
HSV	359°, 23%, 77%
XYZ	40.0094, 36.6320, 35.1035
YIQ	165.5690, 26.4990, 9.8510

Conversions

Conversions Part 2

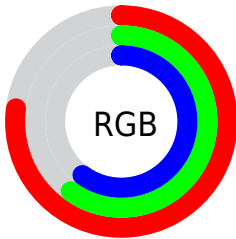
Format	Color
RYB	197, 152, 153
Decimal	12949657
CIELab	67.00, 16.96, 5.96
CIELCh	67, 17.983, 19.371
Yxy	36.6320, 0.3580, 0.3278
Android (android.graphics.Color)	4291139737 (0xFFC59899)
YUV	165.5690, -6.1965, 27.5650
Hunter-Lab	60.5244, 12.0790, 7.9794

Details

The CIELCh color $67, 17.983, 19.371$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $76, 15.558, 196.267$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 18.041, 19.108$, and $47, 17.739, 19.805$ is the 20% darker color. If you saturate the color by 10%, you get $62, 26.794, 20.578$, and if you desaturate by 10%, it is $72, 9.737, 18.423$.

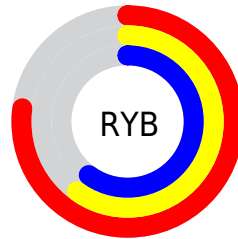
Distribution



Red (77%)

Green (60%)

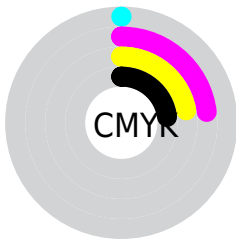
Blue (60%)



Red (77%)

Yellow (60%)

Blue (60%)

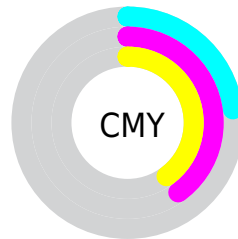


Cyan (0%)

Magenta (23%)

Yellow (22%)

Black (23%)



Cyan (23%)

Magenta (40%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 17.983, 19.371 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 67, 17.983, 19.371 by changing the saturation by 10% instead.

■ 67, 17.983, 19.371

■ 67, 17.983, 19.371

■ 100, 17.983,
19.371

■ 57, 17.983, 19.371

■ 87, 17.983, 19.371

■ 47, 17.983, 19.371

■ 97, 17.983, 19.371

■ 37, 17.983, 19.371

■ 27, 17.983, 19.371

■ 17, 17.983, 19.371

■ 7, 17.983, 19.371

■ 0, 17.983, 19.371

■ 67, 17.983, 19.371

■ 67, 17.983, 19.371

■ 62, 26.794, 20.578

■ 72, 9.737, 18.423

57, 36.103, 22.124

78, 2.074, 17.485

52, 45.754, 24.124

84, 5.032, 197.271

48, 55.503, 26.691

89, 11.623,
196.737

45, 65.023, 29.886

95, 17.751,
196.334

43, 73.881, 33.590

42, 81.275, 37.233

96, 19.009,
198.250

41, 85.139, 39.166

Harmonies

Complementary

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



67, 17.983, 19.371



76, 15.558, 196.267

Rectangle

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



67, 17.983, 19.371



67, 17.983, 69.371



67, 17.983, 199.371



67, 17.983, 249.371

Sweetspot

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



67, 17.981, 19.377



95, 6.405, 17.936



68, 29.346, 324.735



50, 4.171, 17.989



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 17.981, 19.377



82, 26.650, 19.890



72, 14.964, 69.024



39, 4.278, 18.130



34, 73.753, 38.881



3, 15.892, 18.256

Inverse Universe

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



67, 17.981, 19.377



82, 26.650, 19.890



71, 13.900, 254.980



39, 4.278, 18.130



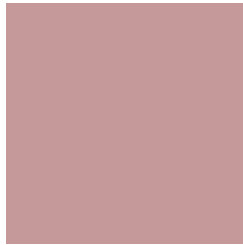
34, 73.753, 38.881



3, 15.892, 18.256

Previews

White Background



This preview shows how the CIELCh color 67, 17.983, 19.371 looks on a white background.

Color Contrast Check

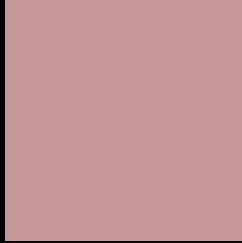
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 67, 17.983, 19.371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

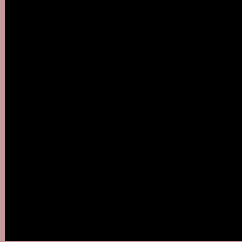
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 17.983, 19.371

Background



This preview shows how black text looks on a background with the CIELCh color 67, 17.983, 19.371.



This preview shows how white text looks on a background with the CIELCh color 67, 17.983, 19.371.

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

67, 17.983, 19.371

Protanopia

67, 2.670, 74.730

Deuteranopia

67, 10.477, 38.479



Tritanopia
67, 19.308, 3.181

Trichromacy



Original Color
67, 17.983, 19.371

Protanomaly
67, 7.507, 28.408

Deuteranomaly
67, 12.960, 30.225

Tritanomaly
67, 18.992, 7.978

Monochromacy



Original Color
67, 17.983, 19.371

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.193, 19.890

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 17.983, 19.371 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(197, 152, 153)` looks like.

```
.text, #text, p{  
    color:rgb(197, 152, 153)  
}
```

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(197, 152, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 152, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 17.983, 19.371 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(197, 152, 153) }
```

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

```
.border{ border-color:rgb(197, 152, 153) }
```

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

Here you see how a box with a 4 pixel rgb(197, 152, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 152, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 152, 153);  
box-shadow:4px 4px 4px 4px rgb(197, 152,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 17.983, 19.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 152, 153) }
```

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

```
.background{ background-color: rgb(197,  
152, 153) }
```

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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