

Converting Colors

CIELCh(67, 17.879, 11.335)

Have a look what the booklet for
CIELCh(67, 17.879, 11.335) contains.

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Color

CIELCh(67, 17.596, 12.182)

Conversions

Conversions Part 1

Format	Color
Hex	C4989D
RGB	196, 152, 157
RGB Percent	77%, 60%, 62%
CMY	0.2313, 0.4039, 0.3843
CMYK	0.00, 0.22, 0.20, 0.23
HSL	353°, 27%, 68%
HSV	353°, 22%, 77%
XYZ	40.0846, 36.6320, 36.8611
YIQ	165.7260, 24.6190, 10.8830

Conversions

Conversions Part 2

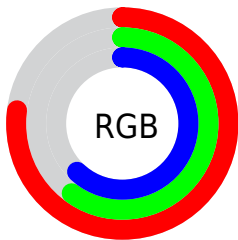
Format	Color
R _Y B	196, 152, 157
Decimal	12884125
CIE Lab	67.00, 17.20, 3.71
CIE LCh	67, 17.596, 12.182
Yxy	36.6320, 0.3529, 0.3225
Android (android.graphics.Color)	4291074205 (0xFFC4989D)
YUV	165.7260, -4.3019, 26.5503
Hunter-Lab	60.5244, 12.3010, 6.2577

Details

The CIELCh color $67, 17.596, 12.182$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $76, 15.674, 188.295$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 17.704, 12.332$, and $47, 17.704, 12.269$ is the 20% darker color. If you saturate the color by 10%, you get $62, 26.170, 13.523$, and if you desaturate by 10%, it is $72, 9.458, 11.084$.

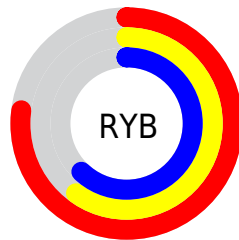
Distribution



Red (77%)

Green (60%)

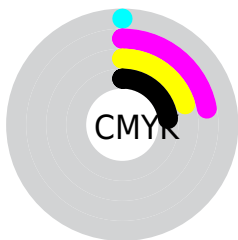
Blue (62%)



Red (77%)

Yellow (60%)

Blue (62%)

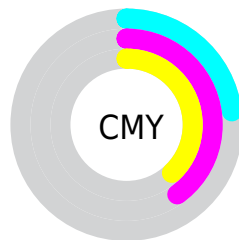


Cyan (0%)

Magenta (22%)

Yellow (20%)

Black (23%)



Cyan (23%)

Magenta (40%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 17.596, 12.182 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, 17.596, 12.182 by changing the saturation by 10% instead.

67, 17.596, 12.182

67, 17.596, 12.182

100, 17.596,
12.182

57, 17.596, 12.182

87, 17.596, 12.182

47, 17.596, 12.182

97, 17.596, 12.182

37, 17.596, 12.182

27, 17.596, 12.182

17, 17.596, 12.182

7, 17.596, 12.182

0, 17.596, 12.182

67, 17.596, 12.182

67, 17.596, 12.182

62, 26.170, 13.523

72, 9.458, 11.084

57, 35.083, 15.187

78, 1.802, 9.957

53, 44.150, 17.289

83, 5.376, 189.598

49, 53.106, 19.961

89, 12.099,
188.906

45, 61.638, 23.328

95, 18.405,
188.339

43, 69.466, 27.427

42, 76.350, 32.046

96, 19.310,
198.231

41, 80.862, 35.321

Harmonies

Complementary

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



67, 17.596, 12.182



76, 15.674, 188.295

Rectangle

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



67, 17.596, 12.182



67, 17.596, 62.182



67, 17.596, 192.182



67, 17.596, 242.182

Sweetspot

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



67, 17.594, 12.187



95, 6.476, 10.545



68, 28.067, 322.301



50, 4.216, 10.608



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, 17.594, 12.187



82, 26.589, 12.818



71, 14.295, 59.712



38, 4.227, 10.773



33, 69.212, 34.602



3, 14.102, 13.225

Inverse Universe

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



67, 17.594, 12.187



82, 26.589, 12.818



72, 12.890, 244.622



38, 4.227, 10.773



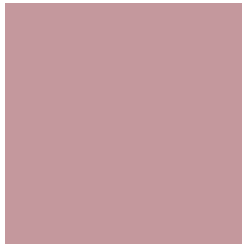
33, 69.212, 34.602



3, 14.102, 13.225

Previews

White Background



This preview shows how the CIELCh color 67, 17.596, 12.182 looks on a white background.

Color Contrast Check

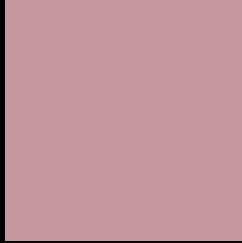
Large Text (above 18pt) WCAG AA × Fail

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, 17.596, 12.182 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, 17.596, 12.182

Background



This preview shows how black text looks on a background with the CIELCh color 67, 17.596, 12.182.



This preview shows how white text looks on a background with the CIELCh color 67, 17.596, 12.182.

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, 17.596, 12.182

Protanopia
67, 1.143, 19.093

Deuteranopia
67, 9.502, 26.825



Tritanopia
67, 19.072, 1.169

Trichromacy



Original Color
67, 17.596, 12.182

Protanomaly
67, 7.056, 11.041

Deuteranomaly
67, 12.234, 20.507

Tritanomaly
67, 18.804, 4.365

Monochromacy



Original Color
67, 17.596, 12.182

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.268, 9.827

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 17.596, 12.182 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(196, 152, 157)` looks like.

```
.text, #text, p{  
    color:rgb(196, 152, 157)  
}
```

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(196, 152, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 152, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 17.596, 12.182 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(196, 152, 157) }
```

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

```
.border{ border-color:rgb(196, 152, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 152, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 152, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 152, 157);  
box-shadow:4px 4px 4px 4px rgb(196, 152,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 17.596, 12.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 152, 157) }
```

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

```
.background{ background-color: rgb(196,  
152, 157) }
```

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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