

Converting Colors

CIELCh(68, 17.189, 14.423)

Have a look what the booklet for
CIELCh(68, 17.189, 14.423) contains.

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Color

CIELCh(68, 17.095, 13.706)

Conversions

Conversions Part 1

Format	Color
Hex	C69B9F
RGB	198, 155, 159
RGB Percent	78%, 61%, 62%
CMY	0.2234, 0.3920, 0.3763
CMYK	0.00, 0.22, 0.20, 0.22
HSL	354°, 27%, 69%
HSV	354°, 22%, 78%
XYZ	41.2891, 37.9720, 37.9722
YIQ	168.3130, 24.3440, 10.3600

Conversions

Conversions Part 2

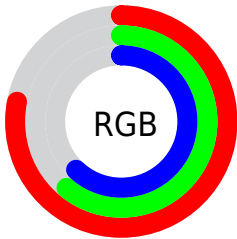
Format	Color
RYB	198, 155, 159
Decimal	13015967
CIELab	68.00, 16.61, 4.05
CIELCh	68, 17.095, 13.706
Yxy	37.9720, 0.3522, 0.3239
Android (android.graphics.Color)	4291206047 (0xFFC69B9F)
YUV	168.3130, -4.5913, 26.0355
Hunter-Lab	61.6215, 11.7655, 6.5995

Details

The CIELCh color **68, 17.095, 13.706** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **77, 15.200, 190.114**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 16.845, 13.605**, and **48, 16.724, 13.563** is the 20% darker color. If you saturate the color by 10%, you get **63, 25.738, 15.005**, and if you desaturate by 10%, it is **73, 8.925, 12.648**.

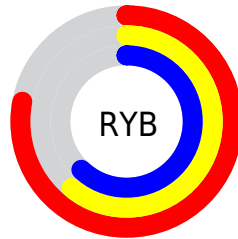
Distribution



Red (78%)

Green (61%)

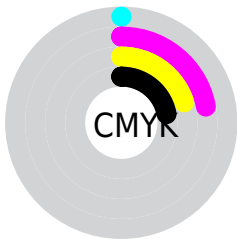
Blue (62%)



Red (78%)

Yellow (61%)

Blue (62%)

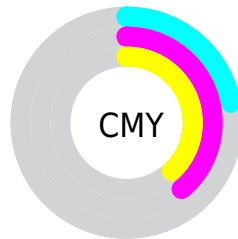


Cyan (0%)

Magenta (22%)

Yellow (20%)

Black (22%)



Cyan (22%)

Magenta (39%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 17.095, 13.706 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 68, 17.095, 13.706 by changing the saturation by 10% instead.

68, 17.095, 13.706

68, 17.095, 13.706

100, 17.095,
13.706

58, 17.095, 13.706

88, 17.095, 13.706

48, 17.095, 13.706

98, 17.095, 13.706

38, 17.095, 13.706

28, 17.095, 13.706

18, 17.095, 13.706

8, 17.095, 13.706

0, 17.095, 13.706

68, 17.095, 13.706

68, 17.095, 13.706

63, 25.738, 15.005

73, 8.925, 12.648

58, 34.769, 16.622

79, 1.263, 11.436

53, 44.015, 18.675

85, 5.900, 191.240

49, 53.221, 21.290

90, 12.596,
190.592

46, 62.077, 24.586

96, 18.864,
190.062

44, 70.278, 28.585

42, 77.512, 33.041

96, 18.697,
198.270

41, 82.529, 36.407

Harmonies

Complementary

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



68, 17.095, 13.706



77, 15.200, 190.114

Rectangle

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



68, 17.095, 13.706



68, 17.095, 63.706



68, 17.095, 193.706



68, 17.095, 243.706

Sweetspot

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



68, 17.093, 13.712



95, 6.450, 12.196



69, 27.495, 322.756



50, 4.200, 12.257



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 17.093, 13.712



83, 25.502, 14.282



72, 13.946, 61.686



39, 4.303, 12.420



34, 70.960, 35.777



3, 15.959, 14.596

Inverse Universe

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



68, 17.093, 13.712



83, 25.502, 14.282



72, 12.695, 246.650



39, 4.303, 12.420



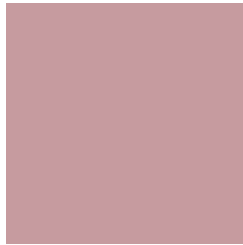
34, 70.960, 35.777



3, 15.959, 14.596

Previews

White Background



This preview shows how the CIELCh color 68, 17.095, 13.706 looks on a white background.

Color Contrast Check

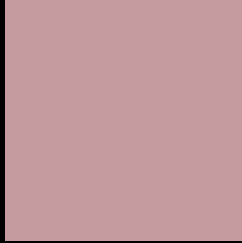
Large Text (above 18pt) WCAG AA × Fail

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 68, 17.095, 13.706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

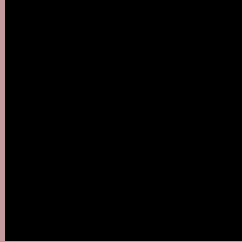
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 17.095, 13.706

Background



This preview shows how black text looks on a background with the CIELCh color 68, 17.095, 13.706.



This preview shows how white text looks on a background with the CIELCh color 68, 17.095, 13.706.

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

68, 17.095, 13.706

Protanopia

68, 1.522, 19.226

Deuteranopia

68, 9.876, 26.585



Tritanopia
68, 18.636, 0.659

Trichromacy



Original Color
68, 17.095, 13.706

Protanomaly
68, 7.427, 11.545

Deuteranomaly
68, 12.605, 20.532

Tritanomaly
68, 18.243, 5.576

Monochromacy



Original Color
68, 17.095, 13.706

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 6.253, 9.817

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 17.095, 13.706 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(198, 155, 159)` looks like.

```
.text, #text, p{  
    color:rgb(198, 155, 159)  
}
```

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(198, 155, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 155, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 17.095, 13.706 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(198, 155, 159) }
```

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

```
.border{ border-color:rgb(198, 155, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 155, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 155, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 155, 159);  
box-shadow:4px 4px 4px 4px rgb(198, 155,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 17.095, 13.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 155, 159) }
```

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

```
.background{ background-color: rgb(198,  
155, 159) }
```

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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