

Converting Colors

CIELCh(68, 17.664, 48.019)

Have a look what the booklet for
CIELCh(68, 17.664, 48.019) contains.

CIELCh(68, 17.696, 48.039)	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(68, 17.696, 48.039)

Conversions

Conversions Part 1

Format	Color
Hex	C49E8F
RGB	196, 158, 143
RGB Percent	77%, 62%, 56%
CMY	0.2330, 0.3819, 0.4407
CMYK	0.00, 0.19, 0.27, 0.23
HSL	17°, 31%, 66%
HSV	17°, 27%, 77%
XYZ	39.7464, 37.9720, 31.0684
YIQ	167.6520, 27.4630, 3.3910

Conversions

Conversions Part 2

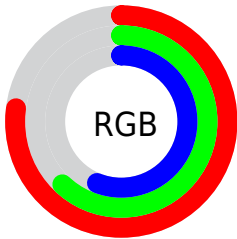
Format	Color
R _Y B	196, 164, 143
Decimal	12885647
CIE Lab	68.00, 11.83, 13.16
CIE LCh	68, 17.696, 48.039
Yxy	37.9720, 0.3654, 0.3490
Android (android.graphics.Color)	4291075727 (0xFFC49E8F)
YUV	167.6520, -12.1534, 24.8612
Hunter-Lab	61.6215, 7.2967, 13.2421

Details

The CIELCh color **68, 17.696, 48.039** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71, 14.996, 231.822**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 17.490, 48.533**, and **48, 17.400, 48.740** is the 20% darker color. If you saturate the color by 10%, you get **64, 25.208, 47.703**, and if you desaturate by 10%, it is **72, 10.733, 48.483**.

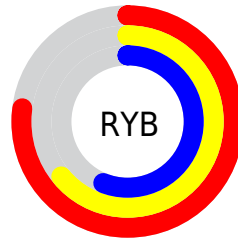
Distribution



Red (77%)

Green (62%)

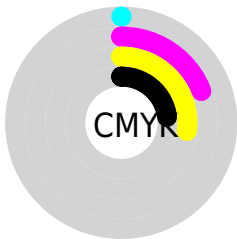
Blue (56%)



Red (77%)

Yellow (64%)

Blue (56%)

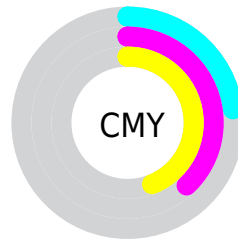


Cyan (0%)

Magenta (19%)

Yellow (27%)

Black (23%)



Cyan (23%)

Magenta (38%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 17.696, 48.039 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, 17.696, 48.039 by changing the saturation by 10% instead.

 68, 17.696, 48.039

 68, 17.696, 48.039

 100, 17.696,
48.039

 58, 17.696, 48.039

 88, 17.696, 48.039

 48, 17.696, 48.039

 98, 17.696, 48.039

 38, 17.696, 48.039

 28, 17.696, 48.039

 18, 17.696, 48.039

 8, 17.696, 48.039

 0, 17.696, 48.039

 68, 17.696, 48.039

 68, 17.696, 48.039

 64, 25.208, 47.703

 72, 10.733, 48.483

60, 33.290, 47.478

76, 4.282, 48.943

57, 41.919, 47.389

80, 1.705, 229.943

53, 50.992, 47.425

84, 7.278, 230.341

50, 60.239, 47.504

89, 12.485,
230.959

48, 69.039, 47.391

93, 16.353,
223.449

45, 76.253, 46.641

45, 78.246, 46.516

96, 19.438,
198.223

Harmonies

Complementary

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



68, 17.696, 48.039



71, 14.996, 231.822

Rectangle

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



68, 17.696, 48.039



68, 17.696, 98.039



68, 17.696, 228.039



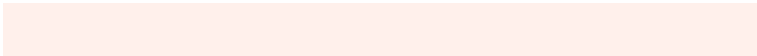
68, 17.696, 278.039

Sweetspot

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



68, 17.695, 48.047



96, 6.023, 48.900



65, 29.069, 334.824



50, 4.305, 48.832



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, 17.695, 48.047



84, 26.495, 47.847



75, 22.360, 95.099



39, 3.432, 48.845



37, 67.262, 46.985



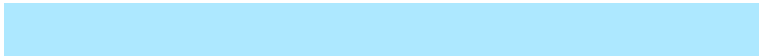
5, 11.960, 37.847

Inverse Universe

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



71, 14.996, 231.822



89, 21.611, 232.503



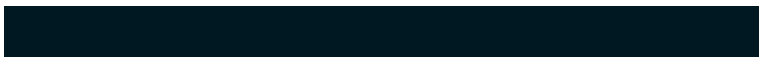
64, 22.877, 282.134



39, 3.259, 230.189



45, 33.646, 252.320



7, 10.475, 242.399

Previews

White Background



This preview shows how the CIELCh color 68, 17.696, 48.039 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, 17.696, 48.039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

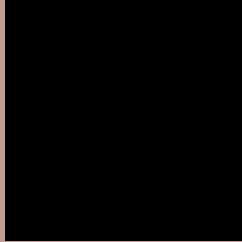
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 17.696, 48.039

Background



This preview shows how black text looks on a background with the CIELCh color 68, 17.696, 48.039.



This preview shows how white text looks on a background with the CIELCh color 68, 17.696, 48.039.

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, 17.696, 48.039

Protanopia

68, 10.364, 91.272

Deuteranopia

68, 15.822, 58.516



Tritanopia
68, 18.267, 0.174

Trichromacy



Original Color
68, 17.696, 48.039

Protanomaly
68, 12.096, 69.989

Deuteranomaly
68, 16.503, 54.479

Tritanomaly
68, 16.672, 17.221

Monochromacy



Original Color
68, 17.696, 48.039

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.032, 52.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 17.696, 48.039 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, 158, 143)` looks like.

```
.text, #text, p{  
    color:rgb(196, 158, 143)  
}
```

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, 158, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 158, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 17.696, 48.039 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, 158, 143) }
```

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

```
.border{ border-color:rgb(196, 158, 143) }
```

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

Here you see how a box with a 4 pixel rgb(196, 158, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 158, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 158, 143);  
box-shadow:4px 4px 4px 4px rgb(196, 158,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 17.696, 48.039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 158, 143) }
```

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

```
.background{ background-color: rgb(196,  
158, 143) }
```

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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