

Converting Colors

CIELCh(67, 18.218, 359.422)

Have a look what the booklet for
CIELCh(67, 18.218, 359.422)
contains.

CIELCh(67, 17.941, 359.696)	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(67, 17.941, 359.696)

Conversions

Conversions Part 1

Format	Color
Hex	C398A4
RGB	195, 152, 164
RGB Percent	76%, 60%, 64%
CMY	0.2362, 0.4047, 0.3577
CMYK	0.00, 0.22, 0.16, 0.24
HSL	343°, 26%, 68%
HSV	343°, 22%, 76%
XYZ	40.3227, 36.6320, 39.9656
YIQ	166.2250, 21.7760, 12.8480

Conversions

Conversions Part 2

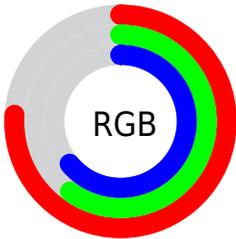
Format	Color
RYB	195, 152, 164
Decimal	12818596
CIELab	67.00, 17.94, -0.10
CIElCh	67, 17.941, 359.696
Yxy	36.6320, 0.3449, 0.3133
Android (android.graphics.Color)	4291008676 (0xFFC398A4)
YUV	166.2250, -1.0969, 25.2357
Hunter-Lab	60.5244, 13.0032, 3.2165

Details

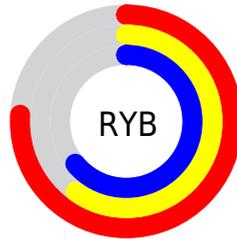
The CIELCh color $67, 17.941, 359.696$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $75, 16.747, 175.353$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 18.194, 359.022$, and $47, 17.864, 0.713$ is the 20% darker color. If you saturate the color by 10%, you get $62, 26.497, 1.043$, and if you desaturate by 10%, it is $72, 9.616, 358.545$.

Distribution



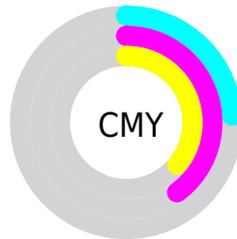
- Red (76%)
- Green (60%)
- Blue (64%)



- Red (76%)
- Yellow (60%)
- Blue (64%)



- Cyan (0%)
- Magenta (22%)
- Yellow (16%)
- Black (24%)



- Cyan (24%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 17.941, 359.696 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, 17.941, 359.696 by changing the saturation by 10% instead.

 67, 17.941,
359.696

 67, 17.941,
359.696

 100, 17.941,
359.696

 57, 17.941,
359.696

 87, 17.941,
359.696

 47, 17.941,
359.696

 97, 17.941,
359.696

 37, 17.941,
359.696

 27, 17.941,
359.696

 17, 17.941,
359.696

 7, 17.941, 359.696

 0, 17.941, 359.696

67, 17.941,
359.696

67, 17.941,
359.696

62, 26.497, 1.043

72, 9.616, 358.545

57, 35.133, 2.653

78, 1.616, 357.323

53, 43.603, 4.626

83, 6.027, 176.840

49, 51.572, 7.091

89, 13.305,
176.037

46, 58.663, 10.209

94, 20.233,
175.344

43, 64.575, 14.143

42, 69.245, 18.980

96, 20.353,
187.997

41, 72.458, 23.209

96, 19.681,
198.207

Harmonies

Complementary

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



67, 17.941, 359.696



75, 16.747, 175.353

Rectangle

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



67, 17.941, 359.696



67, 17.941, 49.696



67, 17.941, 179.696



67, 17.941, 229.696

Sweetspot

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



67, 17.939, 359.700



94, 6.812, 358.008



67, 26.316, 317.191



50, 4.469, 358.076



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, 17.939, 359.700



82, 26.288, 0.255



69, 14.482, 40.932



38, 4.473, 358.253



33, 62.484, 22.311



3, 14.536, 4.536

Inverse Universe

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



67, 17.939, 359.700



82, 26.288, 0.255



73, 12.540, 222.494



38, 4.473, 358.253



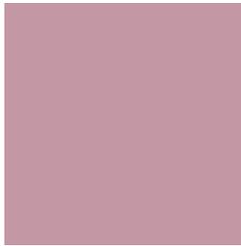
33, 62.484, 22.311



3, 14.536, 4.536

Previews

White Background



This preview shows how the CIELCh color 67, 17.941, 359.696 looks on a white background.

Color Contrast Check

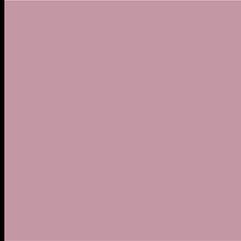
Large Text (above 18pt) WCAG AA × Fail

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, 17.941, 359.696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

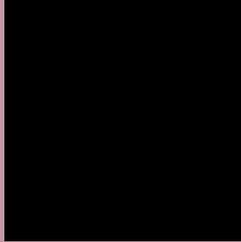
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

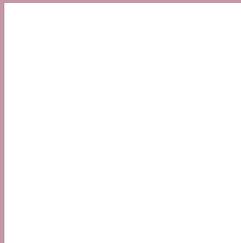
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 17.941, 359.696

Background



This preview shows how black text looks on a background with the CIELCh color 67, 17.941, 359.696.



This preview shows how white text looks on a background with the CIELCh color 67, 17.941, 359.696.

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





Tritanopia
67, 17.941, 359.696

Trichromacy



Original Color
67, 17.941, 359.696

Protanomaly
67, 8.533, 339.880

Deuteranomaly
67, 11.882, 1.658

Tritanomaly
67, 17.941, 359.696

Monochromacy



Original Color
67, 17.941, 359.696

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.169, 359.037

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 17.941, 359.696 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(195, 152, 164)` looks like.

```
.text, #text, p{  
    color:rgb(195, 152, 164)  
}
```

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(195, 152, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 152, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 17.941, 359.696 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(195, 152, 164) }
```

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

```
.border{ border-color:rgb(195, 152, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 152, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 152, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 152, 164);  
box-shadow:4px 4px 4px 4px rgb(195, 152,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 17.941, 359.696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 152, 164) }
```

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

```
.background{ background-color: rgb(195,  
152, 164) }
```

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