

Converting Colors

CIELCh(67, 17.005, 5.005)

Have a look what the booklet for
CIELCh(67, 17.005, 5.005) contains.

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Color

CIELCh(67, 17.136, 4.379)

Conversions

Conversions Part 1

Format	Color
Hex	C298A1
RGB	194, 152, 161
RGB Percent	76%, 60%, 63%
CMY	0.2381, 0.4029, 0.3676
CMYK	0.00, 0.22, 0.17, 0.24
HSL	347°, 26%, 68%
HSV	347°, 22%, 76%
XYZ	40.0481, 36.6320, 38.8019
YIQ	165.5840, 22.1430, 11.7030

Conversions

Conversions Part 2

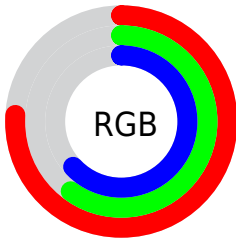
Format	Color
RYB	194, 152, 161
Decimal	12753057
CIELab	67.00, 17.09, 1.31
CIELCh	67, 17.136, 4.379
Yxy	36.6320, 0.3468, 0.3172
Android (android.graphics.Color)	4290943137 (0xFFC298A1)
YUV	165.5840, -2.2599, 24.9208
Hunter-Lab	60.5244, 12.1934, 4.3565

Details

The CIELCh color $67, 17.136, 4.379$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $75, 15.762, 180.214$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 17.397, 3.371$, and $47, 17.180, 3.871$ is the 20% darker color. If you saturate the color by 10%, you get $62, 25.592, 5.742$, and if you desaturate by 10%, it is $72, 8.990, 3.228$.

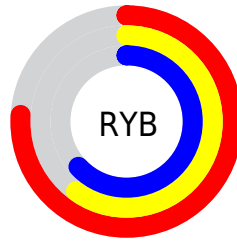
Distribution



Red (76%)

Green (60%)

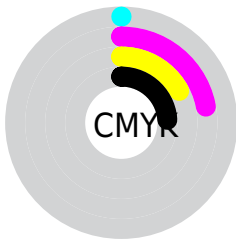
Blue (63%)



Red (76%)

Yellow (60%)

Blue (63%)

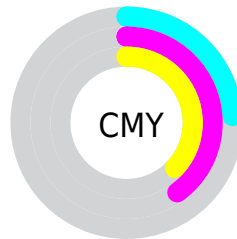


Cyan (0%)

Magenta (22%)

Yellow (17%)

Black (24%)



Cyan (24%)


Magenta (40%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 17.136, 4.379 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, 17.136, 4.379 by changing the saturation by 10% instead.

 67, 17.136, 4.379  67, 17.136, 4.379

 100, 17.136, 4.379  57, 17.136, 4.379


 87, 17.136, 4.379  47, 17.136, 4.379

 97, 17.136, 4.379  37, 17.136, 4.379

 27, 17.136, 4.379

 17, 17.136, 4.379

 7, 17.136, 4.379

 0, 17.136, 4.379

 67, 17.136, 4.379  67, 17.136, 4.379

 62, 25.592, 5.742  72, 8.990, 3.228

57, 34.233, 7.390

78, 1.227, 1.918

53, 42.842, 9.431

83, 6.137, 181.569

49, 51.118, 11.998

89, 13.107,
180.795

46, 58.718, 15.246

94, 19.707,
180.134

43, 65.362, 19.309

41, 70.968, 24.203

96, 19.972,
195.028

41, 75.173, 28.580

96, 19.830,
198.198

Harmonies

Complementary

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



67, 17.136, 4.379



75, 15.762, 180.214

Rectangle

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



67, 17.136, 4.379



67, 17.136, 54.379



67, 17.136, 184.379



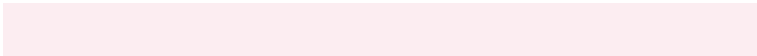
67, 17.136, 234.379

Sweetspot

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



67, 17.134, 4.384



95, 5.661, 2.627



67, 26.144, 319.249



51, 3.792, 2.701



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, 17.134, 4.384



82, 25.755, 5.004



70, 13.751, 48.302



38, 4.351, 2.984



33, 64.842, 27.722



3, 14.327, 7.877

Inverse Universe

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



67, 17.134, 4.384



82, 25.755, 5.004



72, 12.092, 231.256



38, 4.351, 2.984



33, 64.842, 27.722



3, 14.327, 7.877

Previews

White Background



This preview shows how the CIELCh color 67, 17.136, 4.379 looks on a white background.

Color Contrast Check

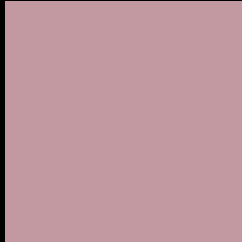
Large Text (above 18pt) WCAG AA × Fail

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, 17.136, 4.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

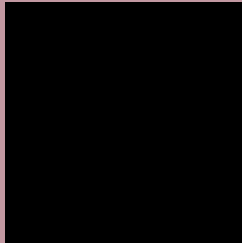
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 17.136, 4.379

Background



This preview shows how black text looks on a background with the CIELCh color 67, 17.136, 4.379.



This preview shows how white text looks on a background with the CIELCh color 67, 17.136, 4.379.

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, 17.136, 4.379

Protanopia

67, 3.005, 312.561

Deuteranopia

67, 8.627, 12.852



Tritanopia
67, 17.941, 359.696

Trichromacy



Original Color
67, 17.136, 4.379

Protanomaly
67, 7.923, 350.980

Deuteranomaly
67, 11.529, 9.505

Tritanomaly
67, 17.784, 1.370

Monochromacy



Original Color
67, 17.136, 4.379

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.003, 3.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 17.136, 4.379 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(194, 152, 161)` looks like.

```
.text, #text, p{  
    color:rgb(194, 152, 161)  
}
```

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(194, 152, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 152, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 17.136, 4.379 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(194, 152, 161) }
```

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

```
.border{ border-color:rgb(194, 152, 161) }
```

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

Here you see how a box with a 4 pixel rgb(194, 152, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 152, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 152, 161);  
box-shadow:4px 4px 4px 4px rgb(194, 152,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 17.136, 4.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 152, 161) }
```

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

```
.background{ background-color: rgb(194,  
152, 161) }
```

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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