

Converting Colors

CIELCh(67, 16.796, 169.389)

Have a look what the booklet for
CIELCh(67, 16.796, 169.389)
contains.

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Color

CIELCh(67, 16.419, 169.875)

Conversions

Conversions Part 1

Format	Color
Hex	84AB9D
RGB	132, 171, 157
RGB Percent	52%, 67%, 62%
CMY	0.4811, 0.3281, 0.3830
CMYK	0.23, 0.00, 0.08, 0.33
HSL	158°, 19%, 60%
HSV	158°, 23%, 67%
XYZ	30.3085, 36.6320, 37.5208
YIQ	157.7430, -18.7500, -12.6220

Conversions

Conversions Part 2

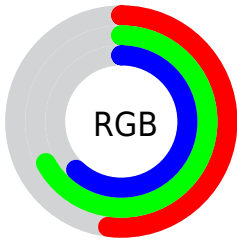
Format	Color
RYB	132, 156, 171
Decimal	8694685
CIELab	67.00, -16.16, 2.89
CIElCh	67, 16.419, 169.875
Yxy	36.6320, 0.2901, 0.3507
Android (android.graphics.Color)	4286884765 (0xFF84AB9D)
YUV	157.7430, -0.3663, -22.5766
Hunter-Lab	60.5244, -16.5311, 5.6114

Details

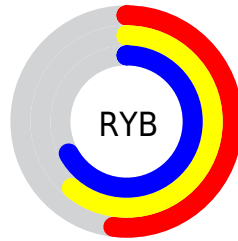
The CIELCh color $67, 16.419, 169.875$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $59, 17.299, 354.253$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 15.957, 170.947$, and $47, 16.400, 169.581$ is the 20% darker color. If you saturate the color by 10%, you get $66, 23.332, 168.780$, and if you desaturate by 10%, it is $68, 9.281, 170.884$.

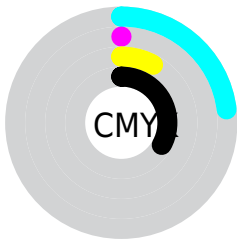
Distribution



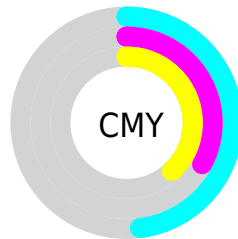
- Red (52%)
- Green (67%)
- Blue (62%)



- Red (52%)
- Yellow (61%)
- Blue (67%)



- Cyan (23%)
- Magenta (0%)
- Yellow (8%)
- Black (33%)





- Cyan (48%)
- Magenta (33%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 16.419, 169.875 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, 16.419, 169.875 by changing the saturation by 10% instead.


 67, 16.419,
169.875


 67, 16.419,
169.875


 100, 16.419,
169.875


 57, 16.419,
169.875


 87, 16.419,
169.875

 47, 16.419,
169.875

 97, 16.419,
169.875

 37, 16.419,
169.875

 27, 16.419,
169.875

 17, 16.419,
169.875

 7, 16.419, 169.875

 0, 16.419, 169.875

67, 16.419,
169.875

67, 16.419,
169.875

66, 23.332,
168.780

68, 9.281, 170.884

65, 29.901,
167.579

70, 2.017, 171.958

71, 5.287, 352.530

64, 36.009,
166.247

73, 12.561,
353.372

63, 41.545,
164.758

75, 19.753,
354.135

63, 46.419,
163.089

77, 26.825,
354.851

62, 50.584,
161.222


79, 33.751,
355.530

62, 54.051,
159.153

79, 35.885,
351.588

62, 56.274,

157.612

 79, 37.366,
347.122

Harmonies

Complementary

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



67, 16.419, 169.875



59, 17.299, 354.253

Rectangle

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



67, 16.419, 169.875



67, 16.419, 219.875



67, 16.419, 349.875



67, 16.419, 39.875

Sweetspot

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



67, 16.420, 169.872



87, 6.292, 171.444



67, 23.509, 132.586



46, 4.121, 171.386



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 16.420, 169.872



84, 23.896, 169.370



66, 12.209, 212.196



36, 4.162, 171.225



55, 50.910, 157.871



6, 9.405, 166.213

Inverse Universe

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



59, 17.299, 354.253



73, 25.459, 354.823



60, 14.244, 32.476



34, 4.252, 352.794



31, 57.612, 14.641



2, 8.521, 356.452

Previews

White Background



This preview shows how the CIELCh color 67, 16.419, 169.875 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, 16.419, 169.875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

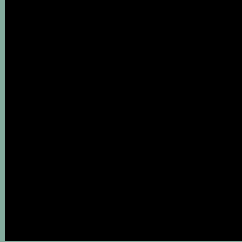
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

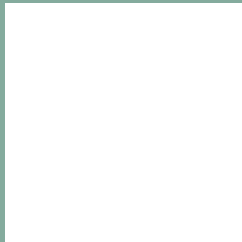
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 16.419, 169.875

Background



This preview shows how black text looks on a background with the CIELCh color 67, 16.419, 169.875.

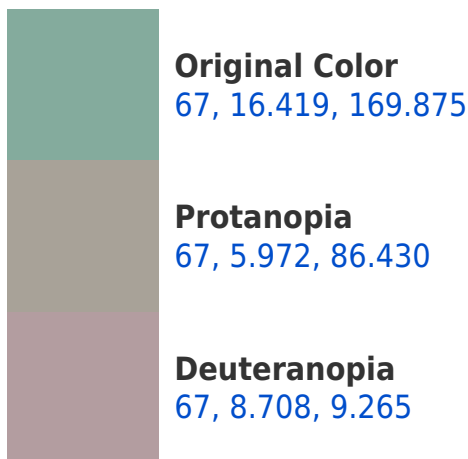


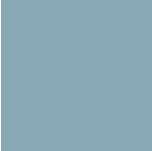
This preview shows how white text looks on a background with the CIELCh color 67, 16.419, 169.875.

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, 12.743, 233.163

Trichromacy



Original Color
67, 16.419, 169.875

Protanomaly
67, 7.211, 141.663

Deuteranomaly
67, 1.648, 109.972

Tritanomaly
67, 12.130, 206.339

Monochromacy



Original Color
67, 16.419, 169.875

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 5.998, 171.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 16.419, 169.875 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(132, 171, 157)` looks like.

```
.text, #text, p{  
    color:rgb(132, 171, 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(132, 171, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 171, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 16.419, 169.875 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(132, 171, 157) }
```

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

```
.border{ border-color:rgb(132, 171, 157) }
```

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

Here you see how a box with a 4 pixel rgb(132, 171, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 171, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 171, 157);  
box-shadow:4px 4px 4px 4px rgb(132, 171,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 16.419, 169.875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 171, 157) }
```

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

```
.background{ background-color: rgb(132,  
171, 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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