

Converting Colors

CIELCh(67, 16.652, 158.972)

Have a look what the booklet for
CIELCh(67, 16.652, 158.972)
contains.

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Color

CIELCh(67, 16.634, 158.982)

Conversions

Conversions Part 1

Format	Color
Hex	89AB98
RGB	137, 171, 152
RGB Percent	54%, 67%, 60%
CMY	0.4634, 0.3300, 0.4045
CMYK	0.20, 0.00, 0.11, 0.33
HSL	146°, 17%, 60%
HSV	146°, 20%, 67%
XYZ	30.4781, 36.6320, 35.1025
YIQ	158.6680, -14.1650, -13.1170

Conversions

Conversions Part 2

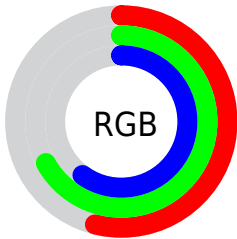
Format	Color
RYB	137, 161, 171
Decimal	9022360
CIELab	67.00, -15.53, 5.97
CIELCh	67, 16.634, 158.982
Yxy	36.6320, 0.2982, 0.3584
Android (android.graphics.Color)	4287212440 (0xFF89AB98)
YUV	158.6680, -3.2873, -19.0028
Hunter-Lab	60.5244, -16.0309, 7.9804

Details

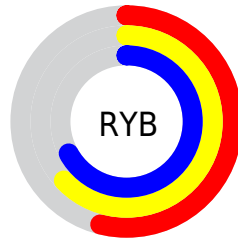
The CIELCh color $67, 16.634, 158.982$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $61, 16.943, 342.211$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 16.415, 158.753$, and $47, 16.741, 158.211$ is the 20% darker color. If you saturate the color by 10%, you get $66, 24.900, 157.990$, and if you desaturate by 10%, it is $68, 8.271, 159.876$.

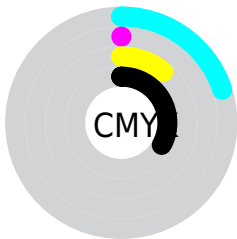
Distribution



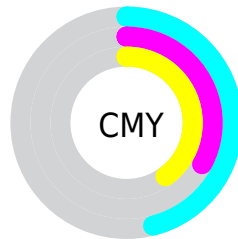
- Red (54%)
- Green (67%)
- Blue (60%)



- Red (54%)
- Yellow (63%)
- Blue (67%)



- Cyan (20%)
- Magenta (0%)
- Yellow (11%)
- Black (33%)





- Cyan (46%)
- Magenta (33%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 16.634, 158.982 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, 16.634, 158.982 by changing the saturation by 10% instead.


 67, 16.634,
158.982


 67, 16.634,
158.982


 100, 16.634,
158.982


 57, 16.634,
158.982


 87, 16.634,
158.982

 47, 16.634,
158.982

 97, 16.634,
158.982

 37, 16.634,
158.982

 27, 16.634,
158.982

 17, 16.634,
158.982

 7, 16.634, 158.982

 0, 16.634, 158.982

67, 16.634,
158.982

67, 16.634,
158.982

66, 24.900,
157.990

68, 8.271, 159.876

65, 32.943,
156.872

70, 0.090, 336.816

72, 8.368, 341.285

64, 40.627,
155.605

73, 16.504,
341.949

63, 47.810,
154.162

75, 24.455,
342.545

62, 54.365,
152.527

77, 32.194,
343.092

62, 60.192,
150.688


79, 39.319,
343.051


62, 65.248,
148.654

80, 42.353,
337.531

61, 69.652,

146.539

 80, 45.760,
332.862

 61, 69.696,
146.519

Harmonies

Complementary

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



67, 16.634, 158.982



61, 16.943, 342.211

Rectangle

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



67, 16.634, 158.982



67, 16.634, 208.982



67, 16.634, 338.982



67, 16.634, 28.982

Sweetspot

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



67, 16.635, 158.980



87, 6.191, 160.209



68, 19.487, 125.765



47, 4.141, 160.153



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, 16.635, 158.980



84, 24.785, 158.546



67, 12.317, 192.536



35, 4.670, 159.930



54, 62.301, 146.807



5, 8.909, 157.703

Inverse Universe

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



61, 16.943, 342.211



75, 25.340, 342.627



60, 13.781, 15.548



33, 4.715, 341.288



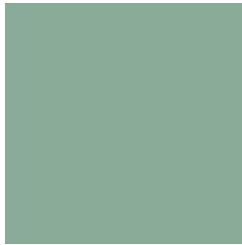
32, 57.445, 355.847



2, 8.084, 344.561

Previews

White Background



This preview shows how the CIELCh color 67, 16.634, 158.982 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, 16.634, 158.982 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, 16.634, 158.982

Background



This preview shows how black text looks on a background with the CIELCh color 67, 16.634, 158.982.



This preview shows how white text looks on a background with the CIELCh color 67, 16.634, 158.982.

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, 16.634, 158.982

Protanopia
67, 8.700, 90.709

Deuteranopia
67, 9.515, 26.829



Tritanopia
67, 11.176, 239.020

Trichromacy



Original Color
67, 16.634, 158.982

Protanomaly
67, 9.365, 128.659

Deuteranomaly
67, 4.547, 94.856

Tritanomaly
67, 10.112, 204.906

Monochromacy



Original Color
67, 16.634, 158.982

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 6.022, 158.917

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 16.634, 158.982 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(137, 171, 152)` looks like.

```
.text, #text, p{  
    color:rgb(137, 171, 152)  
}
```

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(137, 171, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 171, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 16.634, 158.982 is called "border". The border property can be set on classes, ids or directly on the HTML element.

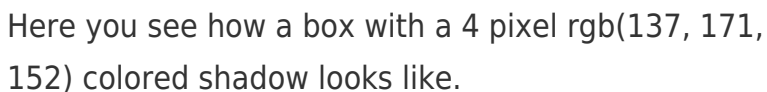
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 171, 152) }
```

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

```
.border{ border-color:rgb(137, 171, 152) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 171, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 171, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 171, 152);  
box-shadow:4px 4px 4px 4px rgb(137, 171,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 16.634, 158.982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 171, 152) }
```

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

```
.background{ background-color: rgb(137,  
171, 152) }
```

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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