

Converting Colors

CIELCh(67, 17.171, 139.180)

Have a look what the booklet for
CIELCh(67, 17.171, 139.180)
contains.

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Color

CIELCh(67, 16.719, 139.419)

Conversions

Conversions Part 1

Format	Color
Hex	93A98F
RGB	147, 169, 143
RGB Percent	58%, 66%, 56%
CMY	0.4230, 0.3367, 0.4387
CMYK	0.13, 0.00, 0.15, 0.34
HSL	111°, 13%, 61%
HSV	111°, 15%, 66%
XYZ	31.2403, 36.6320, 31.4655
YIQ	159.4580, -4.7660, -12.7500

Conversions

Conversions Part 2

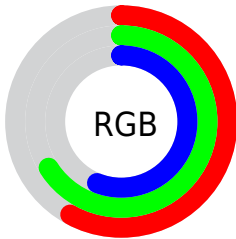
Format	Color
RYB	143, 169, 165
Decimal	9677199
CIELab	67.00, -12.70, 10.88
CIElCh	67, 16.719, 139.419
Yxy	36.6320, 0.3145, 0.3688
Android (android.graphics.Color)	4287867279 (0xFF93A98F)
YUV	159.4580, -8.1138, -10.9257
Hunter-Lab	60.5244, -13.7829, 11.5433

Details

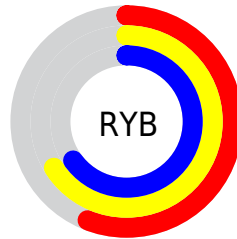
The CIELCh color $67, 16.719, 139.419$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 16.818, 320.858$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 16.480, 139.752$, and $47, 16.675, 139.958$ is the 20% darker color. If you saturate the color by 10%, you get $66, 27.652, 138.825$, and if you desaturate by 10%, it is $68, 5.811, 139.958$.

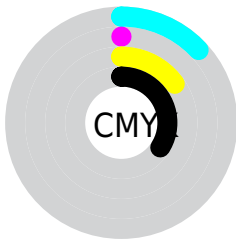
Distribution



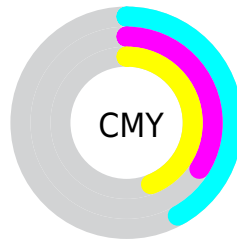
- Red (58%)
- Green (66%)
- Blue (56%)



- Red (56%)
- Yellow (66%)
- Blue (65%)



- Cyan (13%)
- Magenta (0%)
- Yellow (15%)
- Black (34%)





- Cyan (42%)
- Magenta (34%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 16.719, 139.419 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, 16.719, 139.419 by changing the saturation by 10% instead.


 67, 16.719,
139.419


 67, 16.719,
139.419


 100, 16.719,
139.419


 57, 16.719,
139.419


 87, 16.719,
139.419

 47, 16.719,
139.419

 97, 16.719,
139.419

 37, 16.719,
139.419

 27, 16.719,
139.419

 17, 16.719,
139.419

 7, 16.719, 139.419

 0, 16.719, 139.419

67, 16.719,
139.419

67, 16.719,
139.419

66, 27.652,
138.825

68, 5.811, 139.958

65, 38.465,
138.161

70, 4.976, 320.332

63, 48.969,
137.438

72, 15.570,
320.742

63, 58.913,
136.689

74, 25.925,
321.075

62, 67.966,
135.974

75, 36.010,
321.356

61, 75.714,
135.390

77, 45.813,
321.595


61, 81.703,
135.061

79, 52.460,
323.659

61, 85.599,

80, 53.623,
326.273

135.085

 60, 86.965,
135.087

Harmonies

Complementary

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



67, 16.719, 139.419



62, 16.818, 320.858

Rectangle

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



67, 16.719, 139.419



67, 16.719, 189.419



67, 16.719, 319.419



67, 16.719, 9.419

Sweetspot

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



67, 16.721, 139.420



87, 6.675, 139.974



67, 12.008, 100.645



46, 4.550, 139.937



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 16.721, 139.420



84, 24.204, 139.252



67, 13.829, 154.551



35, 6.110, 139.751



53, 78.704, 134.997



5, 11.194, 140.794

Inverse Universe

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



62, 16.818, 320.858



77, 24.365, 320.995



62, 13.942, 336.731



33, 6.138, 320.573



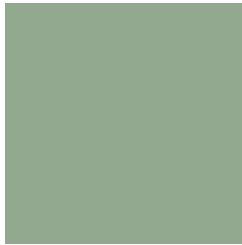
31, 77.946, 322.453



2, 10.955, 318.659

Previews

White Background



This preview shows how the CIELCh color 67, 16.719, 139.419 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, 16.719, 139.419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

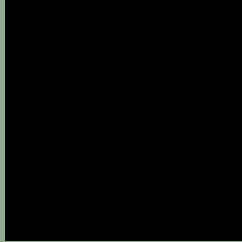
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 16.719, 139.419

Background



This preview shows how black text looks on a background with the CIELCh color 67, 16.719, 139.419.



This preview shows how white text looks on a background with the CIELCh color 67, 16.719, 139.419.

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, 16.719, 139.419

Protanopia
67, 12.629, 92.204

Deuteranopia
67, 12.857, 48.184



Tritanopia
67, 8.125, 261.670

Trichromacy



Original Color
67, 16.719, 139.419

Protanomaly
67, 13.232, 113.975

Deuteranomaly
67, 9.668, 84.872

Tritanomaly
67, 5.607, 193.333

Monochromacy



Original Color
67, 16.719, 139.419

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 5.870, 141.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 16.719, 139.419 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(147, 169, 143)` looks like.

```
.text, #text, p{  
    color:rgb(147, 169, 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(147, 169, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 169, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 16.719, 139.419 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(147, 169, 143) }
```

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

```
.border{ border-color:rgb(147, 169, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 169, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 169, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 169, 143);  
box-shadow:4px 4px 4px 4px rgb(147, 169,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 16.719, 139.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 169, 143) }
```

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

```
.background{ background-color: rgb(147,  
169, 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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