

Converting Colors

CIELCh(67, 3.489, 47.719)

Have a look what the booklet for
CIELCh(67, 3.489, 47.719) contains.

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Color

CIELCh(67, 3.494, 47.718)

Conversions

Conversions Part 1

Format	Color
Hex	A9A19E
RGB	169, 161, 158
RGB Percent	66%, 63%, 62%
CMY	0.3353, 0.3667, 0.3785
CMYK	0.00, 0.05, 0.06, 0.34
HSL	16°, 6%, 64%
HSV	16°, 6%, 66%
XYZ	35.5084, 36.6320, 37.7633
YIQ	163.0500, 5.7310, 0.7630

Conversions

Conversions Part 2

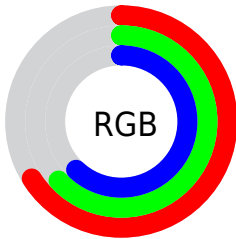
Format	Color
RYB	169, 162, 158
Decimal	11116958
CIELab	67.00, 2.35, 2.59
CIELCh	67, 3.494, 47.718
Yxy	36.6320, 0.3231, 0.3333
Android (android.graphics.Color)	4289307038 (0xFFA9A19E)
YUV	163.0500, -2.4896, 5.2182
Hunter-Lab	60.5244, -1.1952, 5.3739

Details

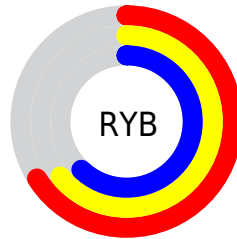
The CIELCh color $67, 3.494, 47.718$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 3.375, 228.745$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 3.295, 47.755$, and $47, 3.399, 50.928$ is the 20% darker color. If you saturate the color by 10%, you get $63, 9.222, 47.350$, and if you desaturate by 10%, it is $71, 1.823, 228.674$.

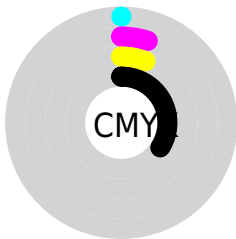
Distribution



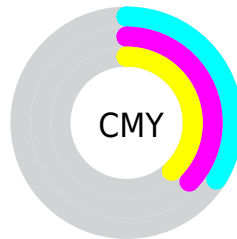
- Red (66%)
- Green (63%)
- Blue (62%)



- Red (66%)
- Yellow (64%)
- Blue (62%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (34%)




- Cyan (34%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 3.494, 47.718 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, 3.494, 47.718 by changing the saturation by 10% instead.

 67, 3.494, 47.718  67, 3.494, 47.718

 100, 3.494, 47.718  57, 3.494, 47.718

 87, 3.494, 47.718  47, 3.494, 47.718


 97, 3.494, 47.718  37, 3.494, 47.718

 27, 3.494, 47.718

 17, 3.494, 47.718

 7, 3.494, 47.718

 0, 3.494, 47.718

 67, 3.494, 47.718  67, 3.494, 47.718

 63, 9.222, 47.350  71, 1.823, 228.674

60, 15.404, 46.966

74, 6.772, 229.069

56, 22.074, 46.674

78, 11.395,
229.646

53, 29.252, 46.505

82, 15.732,
230.252

50, 36.921, 46.477

47, 45.002, 46.586

86, 19.819,
230.867

44, 53.284, 46.768

90, 22.663,
225.148

41, 61.278, 46.820

39, 68.083, 46.365

93, 24.728,
206.709

95, 26.892,
197.759

Harmonies

Complementary

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



67, 3.494, 47.718



68, 3.375, 228.745

Rectangle

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



67, 3.494, 47.718



67, 3.494, 97.718



67, 3.494, 227.718



67, 3.494, 277.718

Sweetspot

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



67, 3.494, 47.751



87, 1.303, 47.691



66, 6.146, 333.345



46, 0.739, 47.671



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, 3.494, 47.751



84, 5.341, 47.695



68, 4.718, 97.556



34, 3.060, 47.651



34, 63.400, 46.691



2, 5.479, 43.598

Inverse Universe

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



68, 3.375, 228.745



85, 5.108, 228.827



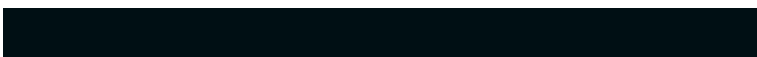
66, 4.756, 279.124



34, 2.906, 228.893



42, 31.160, 249.973



4, 5.388, 237.191

Previews

White Background



This preview shows how the CIELCh color 67, 3.494, 47.718 looks on a white background.

Color Contrast Check

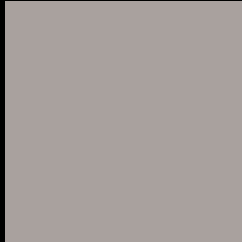
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 67, 3.494, 47.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

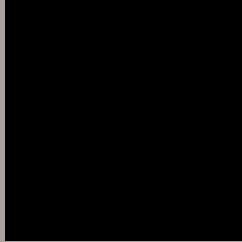
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

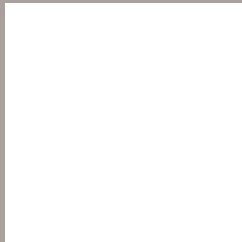
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 3.494, 47.718

Background



This preview shows how black text looks on a background with the CIELCh color 67, 3.494, 47.718.



This preview shows how white text looks on a background with the CIELCh color 67, 3.494, 47.718.

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, 3.494, 47.718

Protanopia

67, 2.521, 60.247

Deuteranopia

67, 8.593, 16.490



Tritanopia
67, 8.526, 322.704

Trichromacy



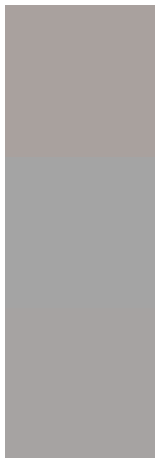
Original Color
67, 3.494, 47.718

Protanomaly
67, 2.827, 55.130

Deuteranomaly
67, 6.603, 19.938

Tritanomaly
67, 5.446, 334.623

Monochromacy



Original Color
67, 3.494, 47.718

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 1.262, 44.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 3.494, 47.718 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(169, 161, 158)` looks like.

```
.text, #text, p{  
    color:rgb(169, 161, 158)  
}
```

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(169, 161, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 161, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 3.494, 47.718 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(169, 161, 158) }
```

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

```
.border{ border-color:rgb(169, 161, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 161, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 161, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 161, 158);  
box-shadow:4px 4px 4px 4px rgb(169, 161,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 3.494, 47.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 161, 158) }
```

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

```
.background{ background-color: rgb(169,  
161, 158) }
```

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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