

Converting Colors

CIELCh(67, 5.102, 317.334)

Have a look what the booklet for
CIELCh(67, 5.102, 317.334) contains.

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Color

CIELCh(67, 4.994, 317.457)

Conversions

Conversions Part 1

Format	Color
Hex	A7A1A9
RGB	167, 161, 169
RGB Percent	65%, 63%, 66%
CMY	0.3446, 0.3681, 0.3368
CMYK	0.01, 0.05, 0.00, 0.34
HSL	285°, 4%, 65%
HSV	285°, 5%, 66%
XYZ	35.9029, 36.6320, 42.7766
YIQ	163.7060, 1.0080, 3.7600

Conversions

Conversions Part 2

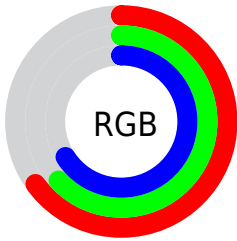
Format	Color
RYB	167, 161, 169
Decimal	10985897
CIELab	67.00, 3.68, -3.38
CIElCh	67, 4.994, 317.457
Yxy	36.6320, 0.3114, 0.3177
Android (android.graphics.Color)	4289175977 (0xFFA7A1A9)
YUV	163.7060, 2.6099, 2.8888
Hunter-Lab	60.5244, -0.0317, 0.4629

Details

The CIELCh color $67, 4.994, 317.457$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 4.964, 137.127$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 4.735, 317.401$, and $47, 4.631, 316.394$ is the 20% darker color. If you saturate the color by 10%, you get $62, 15.689, 317.903$, and if you desaturate by 10%, it is $72, 5.481, 137.112$.

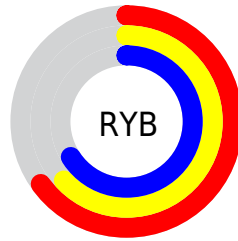
Distribution



Red (65%)

Green (63%)

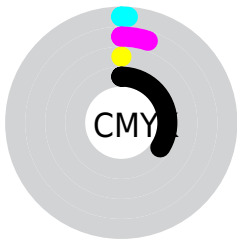
Blue (66%)



Red (65%)

Yellow (63%)

Blue (66%)

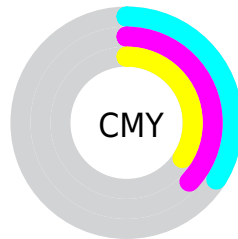


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (34%)



Cyan (34%)

Magenta (37%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 4.994, 317.457 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, 4.994, 317.457 by changing the saturation by 10% instead.

■ 67, 4.994, 317.457

■ 67, 4.994, 317.457

■ 100, 4.994,
317.457

■ 57, 4.994, 317.457

■ 87, 4.994, 317.457

■ 47, 4.994, 317.457

■ 97, 4.994, 317.457

■ 37, 4.994, 317.457

■ 27, 4.994, 317.457

■ 17, 4.994, 317.457

■ 7, 4.994, 317.457

■ 0, 4.994, 317.457

■ 67, 4.994, 317.457

■ 67, 4.994, 317.457

■ 62, 15.689,

■ 72, 5.481, 137.112

317.903

77, 15.690,
136.706

58, 26.535,
318.340

82, 25.614,
136.344

53, 37.401,
318.765

86, 35.249,
136.012

49, 48.091,
319.159

91, 44.599,
135.710

45, 58.312,
319.490

94, 49.290,
134.908

41, 67.663,
319.719

94, 48.562,
133.421

38, 75.653,
319.796

95, 47.863,
131.868

35, 81.776,
319.667

95, 47.195,
130.248

33, 85.675,
319.288

Harmonies

Complementary

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



67, 4.994, 317.457



69, 4.964, 137.127

Rectangle

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



67, 4.994, 317.457



67, 4.994, 7.457



67, 4.994, 137.457



67, 4.994, 187.457

Sweetspot

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



67, 4.992, 317.454



87, 1.306, 317.175



67, 3.327, 276.710



46, 0.742, 317.163



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, 4.992, 317.454



84, 7.833, 317.520



67, 4.571, 331.955



34, 4.171, 317.538



28, 79.022, 319.132



1, 10.608, 315.110

Inverse Universe

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



67, 3.261, 359.808



84, 5.127, 359.968



69, 4.552, 151.483



34, 2.732, 0.012



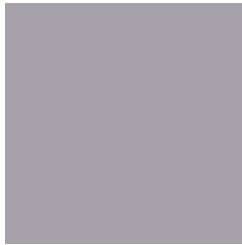
30, 59.558, 24.367



1, 6.913, 2.092

Previews

White Background



This preview shows how the CIELCh color 67, 4.994, 317.457 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, 4.994, 317.457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

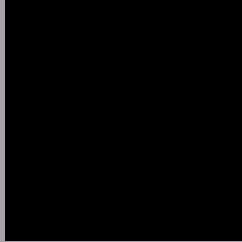
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

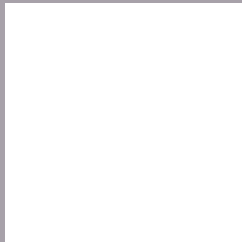
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 4.994, 317.457

Background



This preview shows how black text looks on a background with the CIELCh color 67, 4.994, 317.457.



This preview shows how white text looks on a background with the CIELCh color 67, 4.994, 317.457.

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, 4.994, 317.457

Protanopia

67, 4.500, 300.194

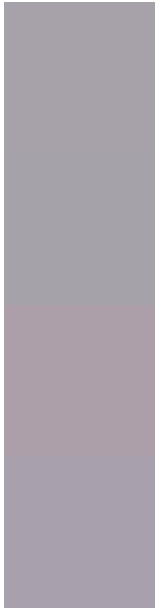
Deuteranopia

67, 9.544, 336.346



Tritanopia
67, 7.824, 313.284

Trichromacy



Original Color
67, 4.994, 317.457

Protanomaly
67, 4.581, 304.810

Deuteranomaly
67, 8.095, 331.498

Tritanomaly
67, 7.318, 314.932

Monochromacy



Original Color
67, 4.994, 317.457

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 1.836, 314.661

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 4.994, 317.457 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(167, 161, 169)` looks like.

```
.text, #text, p{  
    color:rgb(167, 161, 169)  
}
```

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(167, 161, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 161, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 4.994, 317.457 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(167, 161, 169) }
```

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

```
.border{ border-color:rgb(167, 161, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 161, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 161, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 161, 169); box-shadow:4px 4px 4px 4px rgb(167, 161, 169) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 4.994, 317.457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 161, 169) }
```

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

```
.background{ background-color: rgb(167,  
161, 169) }
```

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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