

Converting Colors

CIELCh(67, 5.609, 97.581)

Have a look what the booklet for
CIELCh(67, 5.609, 97.581) contains.

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Color

CIELCh(67, 5.615, 97.576)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | A6A399 |
| RGB | 166, 163, 153 |
| RGB Percent | 65%, 64%, 60% |
| CMY | 0.3488, 0.3605, 0.3998 |
| CMYK | 0.00, 0.02, 0.08, 0.35 |
| HSL | 46°, 7%, 63% |
| HSV | 46°, 8%, 65% |
| XYZ | 34.6019, 36.6320, 35.4106 |
| YIQ | 162.7570, 4.9980, -2.4740 |

Conversions

Conversions Part 2

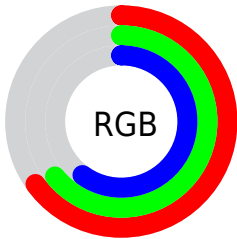
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 157, 166, 153 |
| Decimal | 10920857 |
| CIELab | 67.00, -0.74, 5.57 |
| CIELCh | 67, 5.615, 97.576 |
| Yxy | 36.6320, 0.3245, 0.3435 |
| Android (android.graphics.Color) | 4289110937 (0xFFA6A399) |
| YUV | 162.7570, -4.8102, 2.8441 |
| Hunter-Lab | 60.5244, -3.8688, 7.6786 |

Details

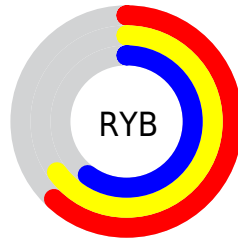
The CIELCh color **67, 5.615, 97.576** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 5.664, 279.462**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 5.828, 98.779**, and **47, 5.448, 96.033** is the 20% darker color. If you saturate the color by 10%, you get **66, 12.865, 96.437**, and if you desaturate by 10%, it is **68, 1.559, 278.848**.

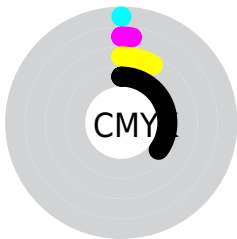
Distribution



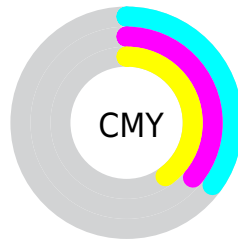
- Red (65%)
- Green (64%)
- Blue (60%)



- Red (62%)
- Yellow (65%)
- Blue (60%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (35%)



- Cyan (35%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 5.615, 97.576 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, 5.615, 97.576 by changing the saturation by 10% instead.

 67, 5.615, 97.576  67, 5.615, 97.576

 100, 5.615, 97.576  57, 5.615, 97.576


 87, 5.615, 97.576  47, 5.615, 97.576

 97, 5.615, 97.576  37, 5.615, 97.576


 27, 5.615, 97.576

 17, 5.615, 97.576

 7, 5.615, 97.576

 0, 5.615, 97.576

 67, 5.615, 97.576  67, 5.615, 97.576

 66, 12.865, 96.437  68, 1.559, 278.848

64, 20.165, 95.236

70, 8.652, 279.855

63, 27.472, 94.004

71, 15.657,
280.888

62, 34.704, 92.746

73, 22.577,
281.877

60, 41.715, 91.463

59, 48.260, 90.151

75, 29.413,
282.819

58, 53.943, 88.785

76, 36.168,
283.713

57, 58.219, 87.316

56, 60.748, 85.689

77, 35.416,
281.495

78, 33.544,
278.514

79, 31.771,
275.214

Harmonies

Complementary

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



67, 5.615, 97.576



64, 5.664, 279.462

Rectangle

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



67, 5.615, 97.576



67, 5.615, 147.576



67, 5.615, 277.576



67, 5.615, 327.576

Sweetspot

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



67, 5.616, 97.592



86, 1.769, 98.174



64, 5.317, 1.384



46, 1.014, 98.181



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, 5.616, 97.592



85, 8.027, 97.442



68, 7.274, 120.086



35, 4.109, 97.427



50, 56.308, 85.533



5, 6.970, 93.911

Inverse Universe

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



64, 5.664, 279.462



81, 8.100, 279.628



64, 7.395, 301.018



33, 4.146, 279.644



21, 74.065, 300.855



1, 7.755, 280.500

Previews

White Background



This preview shows how the CIELCh color 67, 5.615, 97.576 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, 5.615, 97.576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

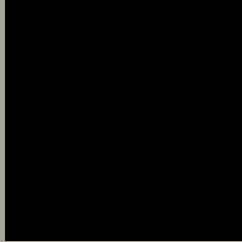
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

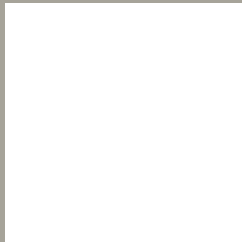
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 5.615, 97.576

Background



This preview shows how black text looks on a background with the CIELCh color 67, 5.615, 97.576.



This preview shows how white text looks on a background with the CIELCh color 67, 5.615, 97.576.

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, 5.615, 97.576

Protanopia

67, 5.467, 84.264

Deuteranopia

67, 10.016, 29.690



Tritanopia
67, 7.976, 315.777

Trichromacy



Original Color
67, 5.615, 97.576

Protanomaly
67, 5.313, 88.103

Deuteranomaly
67, 7.223, 42.241

Tritanomaly
67, 3.856, 333.912

Monochromacy



Original Color
67, 5.615, 97.576

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 2.226, 100.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 5.615, 97.576 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(166, 163, 153)` looks like.

```
.text, #text, p{  
    color:rgb(166, 163, 153)  
}
```

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(166, 163, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 163, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 5.615, 97.576 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(166, 163, 153) }
```

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

```
.border{ border-color:rgb(166, 163, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 163, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 163, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 163, 153);  
box-shadow:4px 4px 4px 4px rgb(166, 163,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 5.615, 97.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 163, 153) }
```

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

```
.background{ background-color: rgb(166,  
163, 153) }
```

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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