

Converting Colors

CIELCh(67, 2.974, 311.617)

Have a look what the booklet for
CIELCh(67, 2.974, 311.617) contains.

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Color

CIELCh(67, 3.005, 312.561)

Conversions

Conversions Part 1

Format	Color
Hex	A5A2A7
RGB	165, 162, 167
RGB Percent	65%, 64%, 65%
CMY	0.3529, 0.3647, 0.3451
CMYK	0.01, 0.03, 0.00, 0.35
HSL	276°, 3%, 65%
HSV	276°, 3%, 65%
XYZ	35.4144, 36.6320, 41.7655
YIQ	163.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

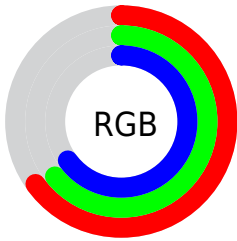
Format	Color
RYB	165, 162, 167
Decimal	10855079
CIELab	67.00, 2.03, -2.21
CIElCh	67, 3.005, 312.561
Yxy	36.6320, 0.3112, 0.3219
Android (android.graphics.Color)	4289045159 (0xFFA5A2A7)
YUV	163.4670, 1.7418, 1.3444
Hunter-Lab	60.5244, -1.4726, 1.4533

Details

The CIELCh color $67, 3.005, 312.561$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 2.979, 132.400$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 2.849, 312.519$, and $47, 3.218, 312.622$ is the 20% darker color. If you saturate the color by 10%, you get $62, 13.181, 313.007$, and if you desaturate by 10%, it is $72, 6.908, 132.227$.

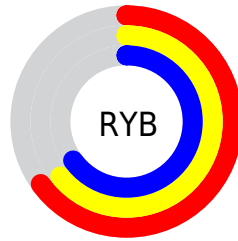
Distribution



Red (65%)

Green (64%)

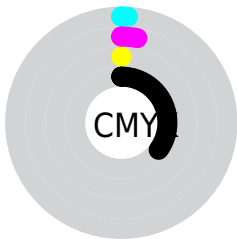
Blue (65%)



Red (65%)

Yellow (64%)

Blue (65%)

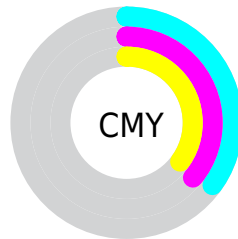


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (35%)



Cyan (35%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 3.005, 312.561 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, 3.005, 312.561 by changing the saturation by 10% instead.

■ 67, 3.005, 312.561

■ 67, 3.005, 312.561

■ 100, 3.005,
312.561

■ 57, 3.005, 312.561

■ 87, 3.005, 312.561

■ 47, 3.005, 312.561

■ 97, 3.005, 312.561

■ 37, 3.005, 312.561

■ 27, 3.005, 312.561

■ 17, 3.005, 312.561

■ 7, 3.005, 312.561

■ 0, 3.005, 312.561

■ 67, 3.005, 312.561

■ 67, 3.005, 312.561

■ 62, 13.181,

■ 72, 6.908, 132.227

313.007

77, 16.535,
131.861

57, 23.589,
313.456

82, 25.877,
131.539

52, 34.153,
313.915

87, 34.940,
131.251

48, 44.741,
314.366

92, 43.732,
130.996

43, 55.137,
314.777

95, 48.167,
129.769

39, 65.007,
315.103

95, 47.200,
127.116

35, 73.876,
315.279

96, 46.337,
124.308

32, 81.154,
315.226

96, 45.589,
121.354

30, 86.269,
314.858

Harmonies

Complementary

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



67, 3.005, 312.561



68, 2.979, 132.400

Rectangle

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



67, 3.005, 312.561



67, 3.005, 2.561



67, 3.005, 132.561



67, 3.005, 182.561

Sweetspot

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



67, 3.003, 312.553



86, 1.244, 312.390



67, 1.783, 264.392



46, 0.713, 312.380



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, 3.003, 312.553



84, 4.966, 312.609



67, 3.181, 326.864



34, 2.861, 312.636



24, 81.263, 314.593



1, 10.200, 309.838

Inverse Universe

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



67, 2.213, 349.486



84, 3.662, 349.627



68, 3.166, 146.680



34, 2.110, 349.694



31, 56.407, 10.642



2, 7.390, 352.951

Previews

White Background



This preview shows how the CIELCh color 67, 3.005, 312.561 looks on a white background.

Color Contrast Check

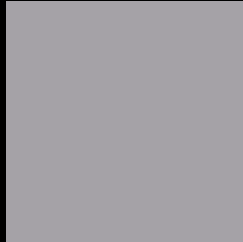
Large Text (above 18pt) WCAG AA × Fail

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, 3.005, 312.561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

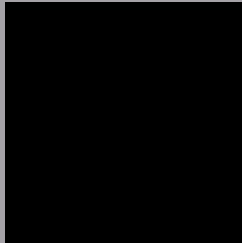
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

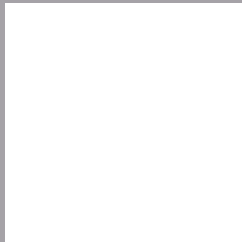
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 3.005, 312.561

Background



This preview shows how black text looks on a background with the CIELCh color 67, 3.005, 312.561.



This preview shows how white text looks on a background with the CIELCh color 67, 3.005, 312.561.

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, 3.005, 312.561

Protanopia

67, 3.005, 312.561

Deuteranopia

67, 9.128, 343.089



Tritanopia
67, 7.454, 305.307

Trichromacy



Original Color
67, 3.005, 312.561

Protanomaly
67, 3.005, 312.561

Deuteranomaly
67, 7.308, 337.223

Tritanomaly
67, 5.865, 309.304

Monochromacy



Original Color
67, 3.005, 312.561

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 0.681, 324.148

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 3.005, 312.561 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(165, 162, 167)` looks like.

```
.text, #text, p{  
    color:rgb(165, 162, 167)  
}
```

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(165, 162, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 162, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 3.005, 312.561 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(165, 162, 167) }
```

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

```
.border{ border-color:rgb(165, 162, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 162, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 162, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 162, 167);  
box-shadow:4px 4px 4px 4px rgb(165, 162,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 3.005, 312.561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 162, 167) }
```

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

```
.background{ background-color: rgb(165,  
162, 167) }
```

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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