

Converting Colors

CIELCh(67, 8.543, 305.201)

Have a look what the booklet for
CIELCh(67, 8.543, 305.201) contains.

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Color

CIELCh(67, 8.527, 303.511)

Conversions

Conversions Part 1

Format	Color
Hex	A6A1B0
RGB	166, 161, 176
RGB Percent	65%, 63%, 69%
CMY	0.3498, 0.3694, 0.3106
CMYK	0.06, 0.09, 0.00, 0.31
HSL	260°, 9%, 66%
HSV	260°, 9%, 69%
XYZ	36.2102, 36.6320, 46.1311
YIQ	164.2050, -1.8350, 5.7250

Conversions

Conversions Part 2

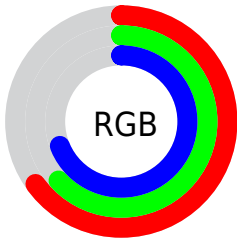
Format	Color
RYB	166, 161, 176
Decimal	10920368
CIELab	67.00, 4.71, -7.11
CIElCh	67, 8.527, 303.511
Yxy	36.6320, 0.3044, 0.3079
Android (android.graphics.Color)	4289110448 (0xFFA6A1B0)
YUV	164.2050, 5.8149, 1.5742
Hunter-Lab	60.5244, 0.8746, -2.8232

Details

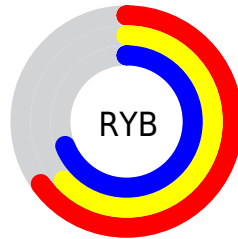
The CIELCh color $67, 8.527, 303.511$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 8.387, 122.598$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 8.591, 302.660$, and $47, 8.464, 301.925$ is the 20% darker color. If you saturate the color by 10%, you get $61, 18.833, 304.129$, and if you desaturate by 10%, it is $73, 1.435, 123.007$.

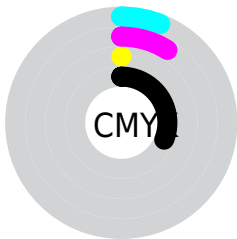
Distribution



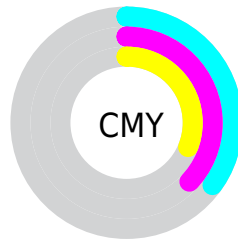
- Red (65%)
- Green (63%)
- Blue (69%)



- Red (65%)
- Yellow (63%)
- Blue (69%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (31%)



- Cyan (35%)
- Magenta (37%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 8.527, 303.511 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, 8.527, 303.511 by changing the saturation by 10% instead.

■ 67, 8.527, 303.511

■ 67, 8.527, 303.511

■ 100, 8.527,
303.511

■ 57, 8.527, 303.511

■ 87, 8.527, 303.511

■ 47, 8.527, 303.511

■ 97, 8.527, 303.511

■ 37, 8.527, 303.511

■ 27, 8.527, 303.511

■ 17, 8.527, 303.511

■ 7, 8.527, 303.511

■ 0, 8.527, 303.511

■ 67, 8.527, 303.511

■ 67, 8.527, 303.511

■ 61, 18.833,

■ 73, 1.435, 123.007

304.129

78, 11.056,
122.497

56, 29.480,
304.822

84, 20.351,
122.080

50, 40.431,
305.584

89, 29.338,
121.720

45, 51.595,
306.399

95, 38.035,
121.410

40, 62.777,
307.229

97, 40.429,
117.447

35, 73.607,
308.006

98, 39.817,
111.123

30, 83.453,
308.618

98, 39.706,
107.148

27, 91.403,
308.913

24, 96.862,
308.821

Harmonies

Complementary

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



67, 8.527, 303.511



71, 8.387, 122.598

Rectangle

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



67, 8.527, 303.511



67, 8.527, 353.511



67, 8.527, 123.511



67, 8.527, 173.511

Sweetspot

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



67, 8.525, 303.507



89, 3.696, 303.188



69, 4.529, 234.408



47, 2.801, 303.235



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 8.525, 303.507



84, 12.449, 303.605



68, 9.498, 319.663



34, 5.603, 303.552



20, 86.917, 308.941



1, 11.572, 300.735

Inverse Universe

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



68, 7.941, 336.213



85, 11.580, 336.337



70, 9.451, 138.936



34, 5.216, 336.271



33, 61.211, 346.997



2, 10.226, 339.893

Previews

White Background



This preview shows how the CIELCh color 67, 8.527, 303.511 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, 8.527, 303.511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

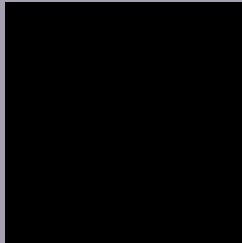
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 8.527, 303.511

Background



This preview shows how black text looks on a background with the CIELCh color 67, 8.527, 303.511.



This preview shows how white text looks on a background with the CIELCh color 67, 8.527, 303.511.

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, 8.527, 303.511

Protanopia

67, 8.294, 291.038

Deuteranopia

67, 11.471, 320.239



Tritanopia
67, 7.366, 302.510

Trichromacy



Original Color
67, 8.527, 303.511

Protanomaly
67, 8.308, 293.563

Deuteranomaly
67, 10.303, 314.415

Tritanomaly
67, 7.908, 301.734

Monochromacy



Original Color
67, 8.527, 303.511

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 2.877, 305.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 8.527, 303.511 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, 161, 176)` looks like.

```
.text, #text, p{  
    color:rgb(166, 161, 176)  
}
```

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, 161, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 161, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 8.527, 303.511 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, 161, 176) }
```

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

```
.border{ border-color:rgb(166, 161, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 161, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 161, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 161, 176); box-shadow:4px 4px 4px 4px rgb(166, 161, 176) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 8.527, 303.511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 161, 176) }
```

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

```
.background{ background-color: rgb(166,  
161, 176) }
```

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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