

Converting Colors

CIELCh(67, 13.873, 304.236)

Have a look what the booklet for
CIELCh(67, 13.873, 304.236)
contains.

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Color

CIELCh(67, 14.270, 304.773)

Conversions

Conversions Part 1

Format	Color
Hex	A89FB8
RGB	168, 159, 184
RGB Percent	66%, 62%, 72%
CMY	0.3408, 0.3761, 0.2780
CMYK	0.09, 0.14, 0.00, 0.28
HSL	262°, 15%, 67%
HSV	262°, 14%, 72%
XYZ	37.2482, 36.6320, 50.5119
YIQ	164.5410, -2.6610, 9.6830

Conversions

Conversions Part 2

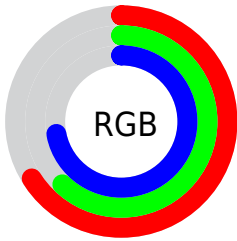
Format	Color
R_{YB}	168, 159, 184
Decimal	11050936
CIE _{Lab}	67.00, 8.14, -11.72
CIE _{LCh}	67, 14.270, 304.773
Yxy	36.6320, 0.2994, 0.2945
Android (android.graphics.Color)	4289241016 (0xFFA89FB8)
YUV	164.5410, 9.5933, 3.0335
Hunter-Lab	60.5244, 3.9358, -7.1147

Details

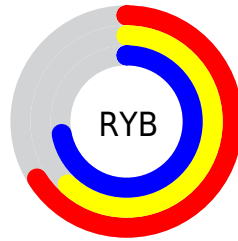
The CIELCh color $67, 14.270, 304.773$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 13.932, 123.337$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 14.031, 304.124$, and $47, 14.028, 304.554$ is the 20% darker color. If you saturate the color by 10%, you get $61, 25.183, 305.399$, and if you desaturate by 10%, it is $73, 3.704, 304.200$.

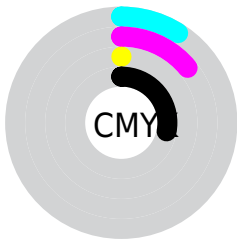
Distribution



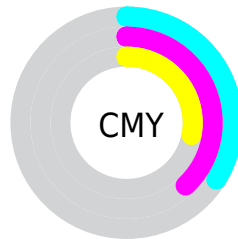
- Red (66%)
- Green (62%)
- Blue (72%)



- Red (66%)
- Yellow (62%)
- Blue (72%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (28%)





- Cyan (34%)
- Magenta (38%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 14.270, 304.773 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, 14.270, 304.773 by changing the saturation by 10% instead.


 67, 14.270,
304.773


 67, 14.270,
304.773


 100, 14.270,
304.773


 57, 14.270,
304.773


 87, 14.270,
304.773

 47, 14.270,
304.773

 97, 14.270,
304.773

 37, 14.270,
304.773

 27, 14.270,
304.773

 17, 14.270,
304.773

 7, 14.270, 304.773

 0, 14.270, 304.773

67, 14.270,
304.773

67, 14.270,
304.773

61, 25.183,
305.399

73, 3.704, 304.200

56, 36.422,
306.091

79, 6.507, 123.737

50, 47.916,
306.836

84, 16.374,
123.301

44, 59.510,
307.606

90, 25.914,
122.926

39, 70.909,
308.349

96, 35.142,
122.602

34, 81.588,
308.977

97, 36.215,
117.253

30, 90.743,
309.359

98, 35.674,
110.180

27, 97.391,

99, 35.625,
107.463

309.339

■ 26, 100.564,
309.194

Harmonies

Complementary

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



67, 14.270, 304.773



74, 13.932, 123.337

Rectangle

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



67, 14.270, 304.773



67, 14.270, 354.773



67, 14.270, 124.773



67, 14.270, 174.773

Sweetspot

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



67, 14.268, 304.771



92, 5.132, 304.228



71, 7.446, 239.161



48, 3.649, 304.270



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 14.268, 304.771



83, 20.924, 304.933



68, 15.914, 320.892



36, 5.899, 304.524



21, 88.651, 309.326



1, 15.674, 300.594

Inverse Universe

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



68, 12.934, 337.779



85, 18.920, 337.990



73, 15.831, 139.624



36, 5.365, 337.448



34, 61.761, 349.157



3, 13.402, 342.711

Previews

White Background



This preview shows how the CIELCh color 67, 14.270, 304.773 looks on a white background.

Color Contrast Check

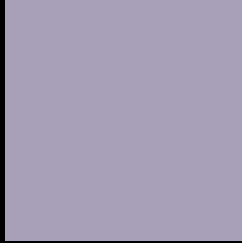
Large Text (above 18pt) WCAG AA × Fail

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, 14.270, 304.773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

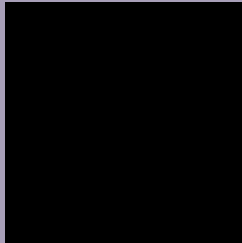
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 14.270, 304.773

Background



This preview shows how black text looks on a background with the CIELCh color 67, 14.270, 304.773.



This preview shows how white text looks on a background with the CIELCh color 67, 14.270, 304.773.

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, 14.270, 304.773

Protanopia

67, 13.287, 286.939

Deuteranopia

67, 14.359, 306.192



Tritanopia
67, 7.454, 305.307

Trichromacy



Original Color
67, 14.270, 304.773

Protanomaly
67, 13.288, 293.086

Deuteranomaly
67, 14.359, 306.192

Tritanomaly
67, 10.326, 305.604

Monochromacy



Original Color
67, 14.270, 304.773

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 5.112, 303.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 14.270, 304.773 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(168, 159, 184)` looks like.

```
.text, #text, p{  
    color:rgb(168, 159, 184)  
}
```

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(168, 159, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 159, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 14.270, 304.773 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(168, 159, 184) }
```

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

```
.border{ border-color:rgb(168, 159, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 159, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 159, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 159, 184);  
box-shadow:4px 4px 4px 4px rgb(168, 159,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 14.270, 304.773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 159, 184) }
```

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

```
.background{ background-color: rgb(168,  
159, 184) }
```

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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