

Converting Colors

CIELCh(67, 13.389, 297.712)

Have a look what the booklet for
CIELCh(67, 13.389, 297.712)
contains.

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Color

CIELCh(67, 13.389, 297.712)

Conversions

Conversions Part 1

Format	Color
Hex	A4A0B8
RGB	164, 160, 184
RGB Percent	64%, 63%, 72%
CMY	0.3558, 0.3715, 0.2773
CMYK	0.11, 0.13, 0.00, 0.28
HSL	250°, 15%, 68%
HSV	250°, 13%, 72%
XYZ	36.6673, 36.6320, 50.6409
YIQ	163.9320, -5.3200, 8.3120

Conversions

Conversions Part 2

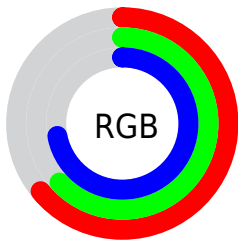
Format	Color
RYB	164, 160, 184
Decimal	10789048
CIELab	67.00, 6.23, -11.85
CIELCh	67, 13.389, 297.712
Yxy	36.6320, 0.2958, 0.2956
Android (android.graphics.Color)	4288979128 (0xFFA4A0B8)
YUV	163.9320, 9.8935, 0.0596
Hunter-Lab	60.5244, 2.2224, -7.2410

Details

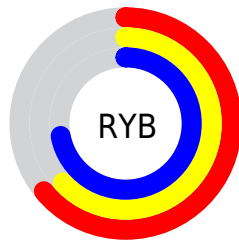
The CIELCh color $67, 13.389, 297.712$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 13.016, 115.776$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 13.202, 297.259$, and $47, 13.118, 296.897$ is the 20% darker color. If you saturate the color by 10%, you get $61, 24.125, 298.622$, and if you desaturate by 10%, it is $73, 3.057, 296.921$.

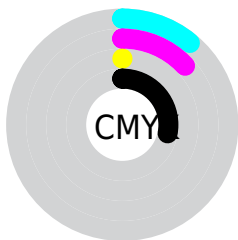
Distribution



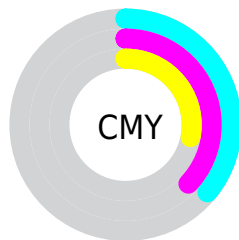
- Red (64%)
- Green (63%)
- Blue (72%)



- Red (64%)
- Yellow (63%)
- Blue (72%)



- Cyan (11%)
- Magenta (13%)
- Yellow (0%)
- Black (28%)



- Cyan (36%)
- Magenta (37%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 13.389, 297.712 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, 13.389, 297.712 by changing the saturation by 10% instead.

■ 67, 13.389,
297.712

■ 67, 13.389,
297.712

■ 100, 13.389,
297.712

■ 57, 13.389,
297.712

■ 87, 13.389,
297.712

■ 47, 13.389,
297.712

■ 97, 13.389,
297.712

■ 37, 13.389,
297.712

■ 27, 13.389,
297.712

■ 17, 13.389,
297.712

■ 7, 13.389, 297.712

■ 0, 13.389, 297.712

67, 13.389,
297.712

67, 13.389,
297.712

61, 24.125,
298.622

73, 3.057, 296.921

55, 35.282,
299.670

79, 6.886, 116.241

49, 46.839,
300.857

85, 16.467,
115.657

43, 58.714,
302.168

91, 25.708,
115.156

37, 70.681,
303.553

97, 34.633,
114.725

32, 82.240,
304.906

99, 35.537,
107.470

28, 92.456,
306.043

24, 99.985,

306.726

■ 23, 103.666,
307.001

Harmonies

Complementary

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



67, 13.389, 297.712



74, 13.016, 115.776

Rectangle

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



67, 13.389, 297.712



67, 13.389, 347.712



67, 13.389, 117.712



67, 13.389, 167.712

Sweetspot

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



67, 13.387, 297.709



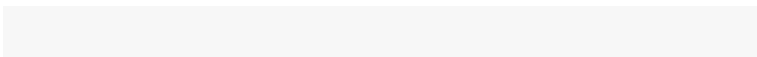
92, 5.011, 296.997



72, 7.542, 214.005



48, 3.563, 297.053



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, 13.387, 297.709



83, 20.487, 297.991



68, 14.489, 314.659



36, 5.765, 297.404



18, 91.356, 307.079



1, 15.457, 295.110

Inverse Universe

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



69, 14.231, 330.154



85, 21.678, 330.358



73, 14.316, 133.586



36, 6.158, 329.921



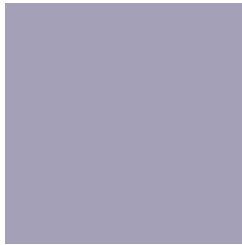
35, 70.267, 336.069



3, 15.892, 332.194

Previews

White Background



This preview shows how the CIELCh color 67, 13.389, 297.712 looks on a white background.

Color Contrast Check

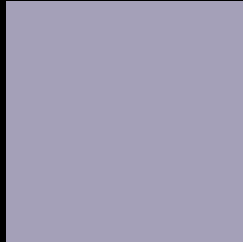
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 67, 13.389, 297.712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

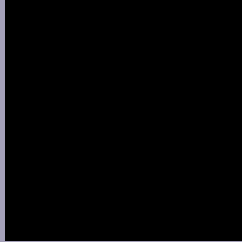
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

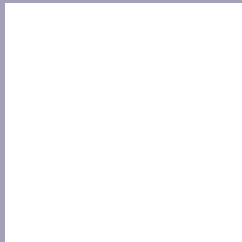
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 13.389, 297.712

Background



This preview shows how black text looks on a background with the CIELCh color 67, 13.389, 297.712.



This preview shows how white text looks on a background with the CIELCh color 67, 13.389, 297.712.

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, 13.389, 297.712

Protanopia

67, 12.738, 286.672

Deuteranopia

67, 14.893, 305.675



Tritanopia
67, 7.204, 293.854

Trichromacy



Original Color
67, 13.389, 297.712

Protanomaly
67, 13.278, 291.544

Deuteranomaly
67, 14.730, 302.929

Tritanomaly
67, 9.448, 295.584

Monochromacy



Original Color
67, 13.389, 297.712

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 4.443, 295.452

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 13.389, 297.712 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(164, 160, 184)` looks like.

```
.text, #text, p{  
    color:rgb(164, 160, 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(164, 160, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 160, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 13.389, 297.712 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(164, 160, 184) }
```

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

```
.border{ border-color:rgb(164, 160, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 160, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 160, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 160, 184); box-shadow:4px 4px 4px 4px rgb(164, 160, 184) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 13.389, 297.712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 160, 184) }
```

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

```
.background{ background-color: rgb(164,  
160, 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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