

Converting Colors

CIELCh(67, 13.997, 271.127)

Have a look what the booklet for
CIELCh(67, 13.997, 271.127)
contains.

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Color

CIELCh(67, 13.997, 271.127)

Conversions

Conversions Part 1

Format	Color
Hex	96A4BC
RGB	150, 164, 188
RGB Percent	59%, 64%, 74%
CMY	0.4120, 0.3571, 0.2630
CMYK	0.20, 0.13, 0.00, 0.26
HSL	218°, 22%, 66%
HSV	218°, 20%, 74%
XYZ	34.8980, 36.6320, 52.7691
YIQ	162.5500, -16.0480, 4.4960

Conversions

Conversions Part 2

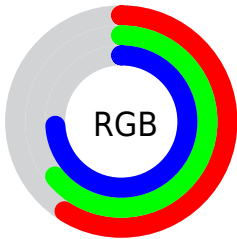
Format	Color
R_{YB}	150, 160, 188
Decimal	9872572
CIE _{Lab}	67.00, 0.28, -13.99
CIE _{LCh}	67, 13.997, 271.127
Yxy	36.6320, 0.2808, 0.2947
Android (android.graphics.Color)	4288062652 (0xFF96A4BC)
YUV	162.5500, 12.5468, -11.0064
Hunter-Lab	60.5244, -2.9954, -9.3259

Details

The CIELCh color $67, 13.997, 271.127$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 14.181, 85.628$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 13.795, 271.285$, and $47, 14.257, 272.737$ is the 20% darker color. If you saturate the color by 10%, you get $62, 21.029, 272.923$, and if you desaturate by 10%, it is $72, 7.038, 269.597$.

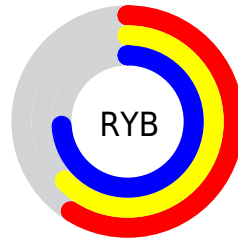
Distribution



Red (59%)

Green (64%)

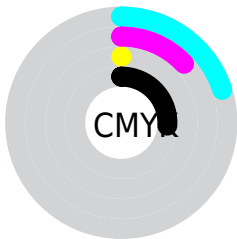
Blue (74%)



Red (59%)

Yellow (63%)

Blue (74%)

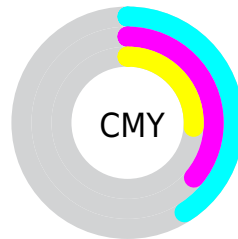


Cyan (20%)

Magenta (13%)

Yellow (0%)

Black (26%)



Cyan (41%)

Magenta (36%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 13.997, 271.127 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, 13.997, 271.127 by changing the saturation by 10% instead.

■ 67, 13.997,
271.127

■ 67, 13.997,
271.127

■ 100, 13.997,
271.127

■ 57, 13.997,
271.127

■ 87, 13.997,
271.127

■ 47, 13.997,
271.127

■ 97, 13.997,
271.127

■ 37, 13.997,
271.127

■ 27, 13.997,
271.127

■ 17, 13.997,
271.127

■ 7, 13.997, 271.127

■ 0, 13.997, 271.127

67, 13.997,
271.127

67, 13.997,
271.127

62, 21.029,
272.923

72, 7.038, 269.597

58, 28.142,
275.034

76, 0.158, 269.846

54, 35.347,
277.499

81, 6.640, 87.055

49, 42.671,
280.351

85, 13.351, 86.083

45, 50.152,
283.590

90, 19.969, 85.222

41, 57.826,
287.165

94, 25.389, 90.657

37, 65.692,
290.948

97, 30.088,
101.992

34, 73.495,

99, 33.734,
107.609

294.562

Harmonies

Complementary

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



67, 13.997, 271.127



72, 14.181, 85.628

Rectangle

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



67, 13.997, 271.127



67, 13.997, 321.127



67, 13.997, 91.127



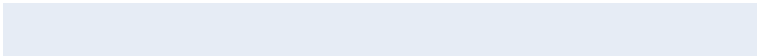
67, 13.997, 141.127

Sweetspot

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



67, 13.996, 271.123



93, 5.114, 269.051



73, 16.029, 168.588



49, 3.391, 269.133



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



67, 13.996, 271.123



83, 20.638, 271.839



64, 21.346, 296.579



37, 3.915, 269.478



28, 63.776, 294.040



3, 13.074, 277.083

Inverse Universe

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



66, 16.587, 353.357



81, 24.540, 353.843



75, 20.399, 113.173



37, 4.586, 352.195



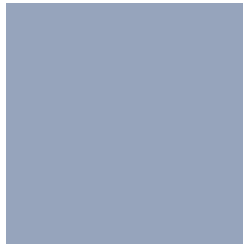
33, 59.640, 13.999



3, 13.132, 359.065

Previews

White Background



This preview shows how the CIELCh color 67, 13.997, 271.127 looks on a white background.

Color Contrast Check

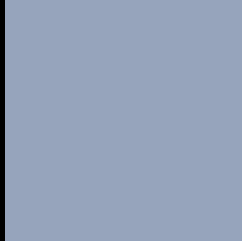
Large Text (above 18pt) WCAG AA × Fail

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, 13.997, 271.127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

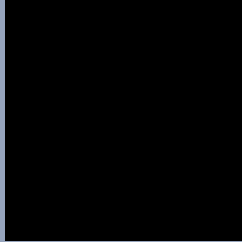
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

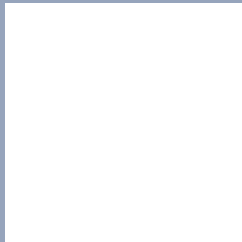
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 13.997, 271.127

Background



This preview shows how black text looks on a background with the CIELCh color 67, 13.997, 271.127.



This preview shows how white text looks on a background with the CIELCh color 67, 13.997, 271.127.

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

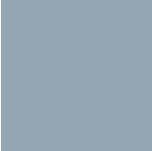
67, 13.997, 271.127

Protanopia

67, 13.287, 286.939

Deuteranopia

67, 16.841, 300.377



Tritanopia
67, 9.691, 252.304

Trichromacy



Original Color
67, 13.997, 271.127

Protanomaly
67, 13.429, 280.937

Deuteranomaly
67, 15.485, 290.460

Tritanomaly
67, 10.828, 259.610

Monochromacy



Original Color
67, 13.997, 271.127

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 4.762, 267.836

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 13.997, 271.127 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(150, 164, 188)` looks like.

```
.text, #text, p{  
    color:rgb(150, 164, 188)  
}
```

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(150, 164, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 164, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 13.997, 271.127 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(150, 164, 188) }
```

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

```
.border{ border-color:rgb(150, 164, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 164, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 164, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 164, 188);  
box-shadow:4px 4px 4px 4px rgb(150, 164,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 13.997, 271.127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 164, 188) }
```

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

```
.background{ background-color: rgb(150,  
164, 188) }
```

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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