

Converting Colors

CIELCh(67, 15.025, 272.799)

Have a look what the booklet for
CIELCh(67, 15.025, 272.799)
contains.

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Color

CIELCh(67, 15.025, 272.799)

Conversions

Conversions Part 1

Format	Color
Hex	96A4BE
RGB	150, 164, 190
RGB Percent	59%, 64%, 75%
CMY	0.4127, 0.3578, 0.2559
CMYK	0.21, 0.14, 0.00, 0.26
HSL	219°, 23%, 67%
HSV	219°, 21%, 74%
XYZ	35.0322, 36.6320, 53.7963
YIQ	162.7780, -16.6900, 5.1180

Conversions

Conversions Part 2

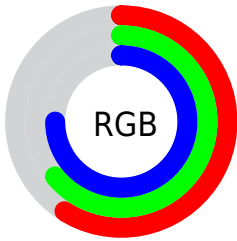
Format	Color
RYB	150, 160, 190
Decimal	9872574
CIELab	67.00, 0.73, -15.01
CIELCh	67, 15.025, 272.799
Yxy	36.6320, 0.2792, 0.2920
Android (android.graphics.Color)	4288062654 (0xFF96A4BE)
YUV	162.7780, 13.4204, -11.2063
Hunter-Lab	60.5244, -2.5996, -10.3321

Details

The CIELCh color $67, 15.025, 272.799$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $72, 15.157, 87.083$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 14.774, 272.824$, and $47, 15.363, 274.476$ is the 20% darker color. If you saturate the color by 10%, you get $62, 22.301, 274.606$, and if you desaturate by 10%, it is $72, 7.845, 271.257$.

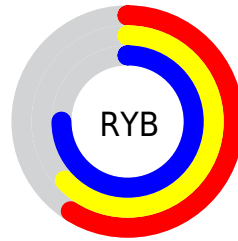
Distribution



Red (59%)

Green (64%)

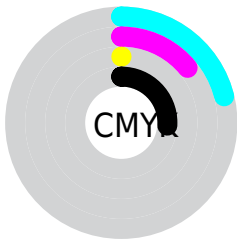
Blue (75%)



Red (59%)

Yellow (63%)

Blue (75%)

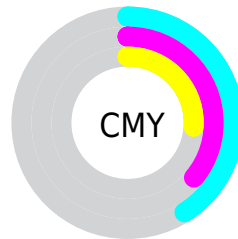


Cyan (21%)

Magenta (14%)

Yellow (0%)

Black (26%)



Cyan (41%)

Magenta (36%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 15.025, 272.799 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, 15.025, 272.799 by changing the saturation by 10% instead.

■ 67, 15.025,
272.799

■ 67, 15.025,
272.799

■ 100, 15.025,
272.799

■ 57, 15.025,
272.799

■ 87, 15.025,
272.799

■ 47, 15.025,
272.799

■ 97, 15.025,
272.799

■ 37, 15.025,
272.799

■ 27, 15.025,
272.799

■ 17, 15.025,
272.799

■ 7, 15.025, 272.799

■ 0, 15.025, 272.799

67, 15.025,
272.799

67, 15.025,
272.799

62, 22.301,
274.606

72, 7.845, 271.257

58, 29.683,
276.727

76, 0.764, 270.211

81, 6.218, 88.703

53, 37.188,
279.200

86, 13.098, 87.725

49, 44.845,
282.051

90, 19.873, 86.859

94, 25.429, 93.089

44, 52.690,
285.276

97, 30.550,
104.293

40, 60.749,
288.812

99, 32.833,
107.678

36, 68.988,
292.518

33, 76.387,

Harmonies

Complementary

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



67, 15.025, 272.799



72, 15.157, 87.083

Rectangle

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



67, 15.025, 272.799



67, 15.025, 322.799



67, 15.025, 92.799



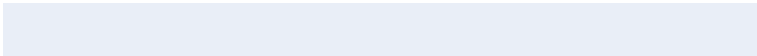
67, 15.025, 142.799

Sweetspot

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



67, 15.024, 272.795



94, 5.258, 270.594



74, 16.629, 169.547



50, 3.517, 270.677



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



67, 15.024, 272.795



83, 22.167, 273.544



64, 22.484, 297.260



37, 3.992, 271.018



27, 65.770, 295.180



3, 13.280, 278.010

Inverse Universe

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



66, 17.284, 354.671



81, 25.581, 355.191



76, 21.450, 113.802



37, 4.538, 353.393



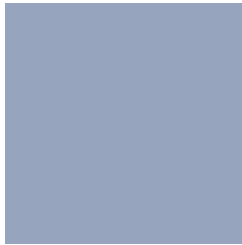
33, 59.949, 15.740



3, 13.047, 0.049

Previews

White Background



This preview shows how the CIELCh color 67, 15.025, 272.799 looks on a white background.

Color Contrast Check

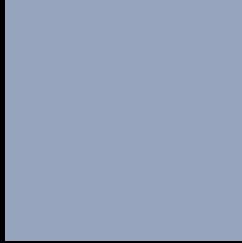
Large Text (above 18pt) WCAG AA × Fail

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, 15.025, 272.799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

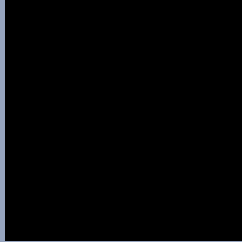
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 15.025, 272.799

Background



This preview shows how black text looks on a background with the CIELCh color 67, 15.025, 272.799.



This preview shows how white text looks on a background with the CIELCh color 67, 15.025, 272.799.

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, 15.025, 272.799

Protanopia

67, 14.410, 286.031

Deuteranopia

67, 17.885, 298.793



Tritanopia
67, 9.491, 248.405

Trichromacy



Original Color
67, 15.025, 272.799

Protanomaly
67, 14.566, 280.552

Deuteranomaly
67, 16.594, 289.457

Tritanomaly
67, 11.293, 261.192

Monochromacy



Original Color
67, 15.025, 272.799

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 5.792, 272.270

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 15.025, 272.799 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(150, 164, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 164, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 15.025, 272.799 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, 190) }
```

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

```
.border{ border-color:rgb(150, 164, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 164, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 164, 190);  
box-shadow:4px 4px 4px 4px rgb(150, 164,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 15.025, 272.799 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, 190) }
```

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

```
.background{ background-color: rgb(150,  
164, 190) }
```

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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