

Converting Colors

CIELCh(15, 67.139, 311.698)

Have a look what the booklet for
CIELCh(15, 67.139, 311.698)
contains.

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Color

CIELCh(15, 67.323, 311.605)

Conversions

Conversions Part 1

Format	Color
Hex	34016F
RGB	52, 1, 111
RGB Percent	20%, 0%, 44%
CMY	0.7955, 0.9956, 0.5642
CMYK	0.53, 0.99, 0.00, 0.56
HSL	268°, 98%, 22%
HSV	268°, 99%, 44%
XYZ	4.3117, 1.9086, 15.2166
YIQ	28.7890, -4.9140, 45.0220

Conversions

Conversions Part 2

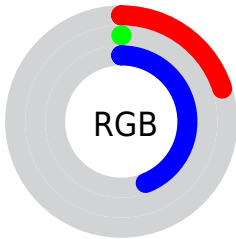
Format	Color
R_{YB}	52, 1, 111
Decimal	3408239
CIE _{Lab}	15.00, 44.70, -50.34
CIE _{LCh}	15, 67.323, 311.605
Yxy	1.9086, 0.2011, 0.0890
Android (android.graphics.Color)	4281598319 (0xFF34016F)
YUV	28.7890, 40.5300, 20.3560
Hunter-Lab	13.8151, 31.5331, -55.6338

Details

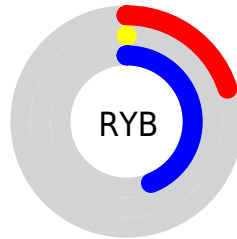
The CIELCh color **15, 67.323, 311.605** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **42, 57.713, 125.994**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 67.263, 311.651**, and **3, 42.690, 301.121** is the 20% darker color. If you saturate the color by 10%, you get **15, 67.830, 311.622**, and if you desaturate by 10%, it is **17, 62.714, 311.650**.

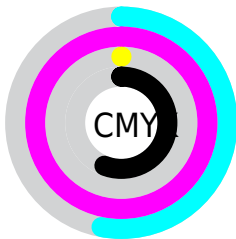
Distribution



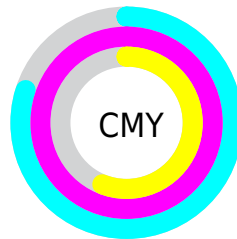
- Red (20%)
- Green (0%)
- Blue (44%)



- Red (20%)
- Yellow (0%)
- Blue (44%)



- Cyan (53%)
- Magenta (99%)
- Yellow (0%)
- Black (56%)





- Cyan (80%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 67.323, 311.605 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 15, 67.323, 311.605 by changing the saturation by 10% instead.

 15, 67.323,
311.605


 15, 67.323,
311.605


 100, 67.323,
311.605


 5, 67.323, 311.605


 35, 67.323,
311.605

 0, 67.323, 311.605

 45, 67.323,
311.605


 55, 67.323,
311.605


 65, 67.323,
311.605


 75, 67.323,
311.605


 85, 67.323,


311.605


 95, 67.323,
311.605


 15, 67.323,
311.605


 15, 67.323,
311.605


 15, 67.830,
311.622

 17, 62.714,
311.650

 20, 57.313,
311.593

 22, 50.775,
311.284

 26, 43.569,
310.824

 29, 36.050,
310.289

■ 33, 28.452,
309.730

■ 36, 20.916,
309.181

■ 40, 13.523,
308.661

■ 44, 6.315, 308.177

Harmonies

Complementary

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



15, 67.323, 311.605



42, 57.713, 125.994

Rectangle

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



15, 67.323, 311.605



15, 67.323, 1.605



15, 67.323, 131.605



15, 67.323, 181.605

Sweetspot

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



15, 67.323, 311.606



47, 27.034, 309.280



25, 33.621, 275.894



22, 18.659, 309.458



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



15, 67.323, 311.606



21, 82.546, 311.319



24, 62.546, 326.355



21, 3.981, 308.177



16, 71.651, 311.529



38, 123.141, 310.903

Inverse Universe

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



23, 46.410, 356.437



31, 56.323, 357.802



40, 64.300, 135.715



22, 3.308, 342.388



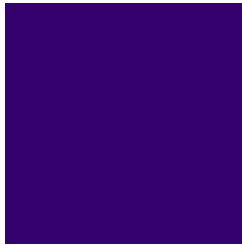
25, 49.117, 357.038



54, 83.281, 359.386

Previews

White Background



This preview shows how the CIE LCh color 15, 67.323, 311.605 looks on a white background.

Color Contrast Check

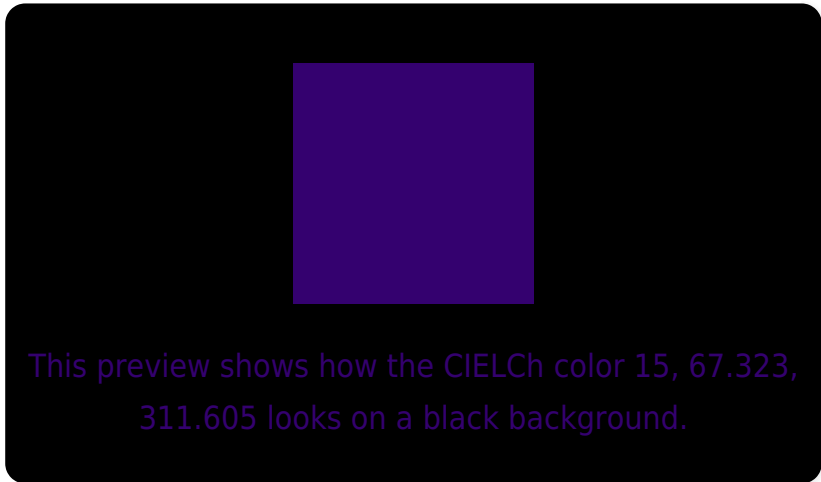
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

CIELCh 15, 67.323, 311.605

Background



This preview shows how black text looks on a background with the CIELCh color 15, 67.323, 311.605.



This preview shows how white text looks on a background with the CIELCh color 15, 67.323, 311.605.

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

15, 67.323, 311.605

Protanopia

16, 31.115, 282.342

Deuteranopia

16, 21.984, 266.865



Tritanopia
17, 5.453, 229.500

Trichromacy



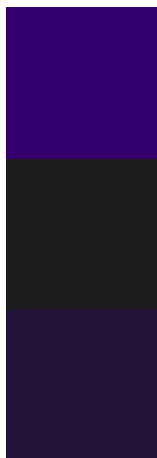
Original Color
15, 67.323, 311.605

Protanomaly
14, 47.496, 299.764

Deuteranomaly
13, 40.908, 297.495

Tritanomaly
14, 30.018, 304.842

Monochromacy



Original Color
15, 67.323, 311.605

Achromatopsia
11, 0.003, 296.813

Achromatomaly
10, 29.596, 310.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 67.323, 311.605 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(52, 1, 111)` looks like.

```
.text, #text, p{  
    color:rgb(52, 1, 111)  
}
```

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(52, 1, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 1, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 67.323, 311.605 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(52, 1, 111) }
```

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

```
.border{ border-color:rgb(52, 1, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 1, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 1, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 1, 111);  
box-shadow:4px 4px 4px 4px rgb(52, 1, 111)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 67.323, 311.605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 1, 111) }
```

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

```
.background{ background-color: rgb(52, 1,  
111) }
```

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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