

Converting Colors

CIELCh(15, 34.994, 330.594)

Have a look what the booklet for
CIELCh(15, 34.994, 330.594)
contains.

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Color

CIELCh(15, 34.933, 331.025)

Conversions

Conversions Part 1

Format	Color
Hex	43103E
RGB	67, 16, 62
RGB Percent	26%, 6%, 24%
CMY	0.7374, 0.9374, 0.7570
CMYK	0.00, 0.76, 0.07, 0.74
HSL	306°, 62%, 16%
HSV	306°, 76%, 26%
XYZ	3.3651, 1.9086, 4.7429
YIQ	36.4930, 15.6300, 25.1180

Conversions

Conversions Part 2

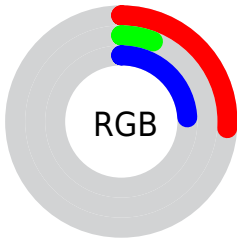
Format	Color
RYB	67, 16, 62
Decimal	4395070
CIELab	15.00, 30.56, -16.92
CIElCh	15, 34.933, 331.025
Yxy	1.9086, 0.3360, 0.1905
Android (android.graphics.Color)	4282585150 (0xFF43103E)
YUV	36.4930, 12.5750, 26.7546
Hunter-Lab	13.8151, 19.3026, -10.6845

Details

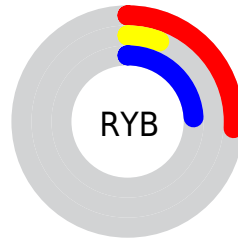
The CIELCh color **15, 34.933, 331.025** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **24, 35.787, 140.752**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 35.284, 330.836**, and **1, 9.586, 314.914** is the 20% darker color. If you saturate the color by 10%, you get **14, 37.687, 331.466**, and if you desaturate by 10%, it is **16, 31.436, 330.563**.

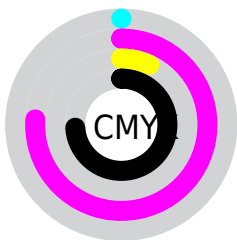
Distribution



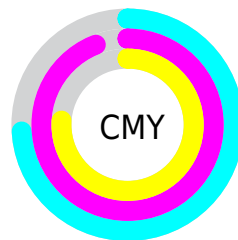
- Red (26%)
- Green (6%)
- Blue (24%)



- Red (26%)
- Yellow (6%)
- Blue (24%)



- Cyan (0%)
- Magenta (76%)
- Yellow (7%)
- Black (74%)





- Cyan (74%)
- Magenta (94%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 34.933, 331.025 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, 34.933, 331.025 by changing the saturation by 10% instead.

 15, 34.933,
331.025


 15, 34.933,
331.025


 100, 34.933,
331.025


 5, 34.933, 331.025


 35, 34.933,
331.025

 0, 34.933, 331.025

 45, 34.933,
331.025


 55, 34.933,
331.025


 65, 34.933,
331.025


 75, 34.933,
331.025

 85, 34.933,


331.025


 95, 34.933,
331.025


 15, 34.933,
331.025


 15, 34.933,
331.025

 14, 37.687,
331.466


 16, 31.436,
330.563


 13, 40.256,
331.884

 18, 27.346,
330.079

 13, 41.306,
332.038

 19, 22.826,
329.577

 21, 18.026,
329.064

 23, 13.071,
328.543

■ 25, 8.058, 328.019

■ 27, 3.058, 327.482

■ 29, 1.880, 147.092

■ 31, 6.725, 146.556

Harmonies

Complementary

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



15, 34.933, 331.025



24, 35.787, 140.752

Rectangle

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



15, 34.933, 331.025



15, 34.933, 21.025



15, 34.933, 151.025



15, 34.933, 201.025

Sweetspot

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



15, 34.932, 331.025



31, 14.240, 328.427



8, 37.410, 302.605



14, 9.702, 328.513



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



15, 34.932, 331.025



19, 46.907, 331.829



14, 26.591, 358.060



12, 2.739, 327.612



21, 52.922, 332.276



52, 97.067, 332.624

Inverse Universe

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



15, 34.932, 331.025



19, 46.907, 331.829



25, 24.119, 160.282



12, 2.739, 327.612



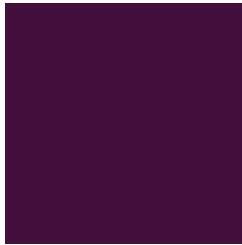
21, 52.922, 332.276



52, 97.067, 332.624

Previews

White Background



This preview shows how the CIE LCh color 15, 34.933, 331.025 looks on a white background.

Color Contrast Check

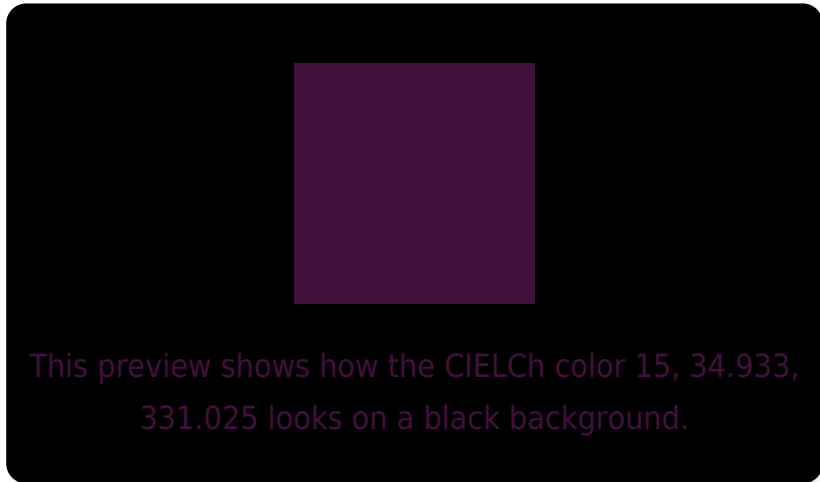
Large Text (above 18pt) WCAG AA ✓ Pass

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

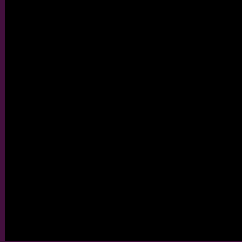
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 34.933, 331.025

Background



This preview shows how black text looks on a background with the CIELCh color 15, 34.933, 331.025.



This preview shows how white text looks on a background with the CIELCh color 15, 34.933, 331.025.

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, 34.933, 331.025

Protanopia

15, 30.593, 282.748

Deuteranopia

16, 14.239, 281.474



Tritanopia
16, 18.967, 20.940

Trichromacy



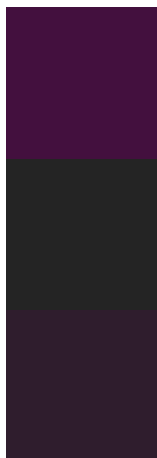
Original Color
15, 34.933, 331.025

Protanomaly
13, 31.298, 295.243

Deuteranomaly
15, 21.218, 309.524

Tritanomaly
15, 22.358, 353.870

Monochromacy



Original Color
15, 34.933, 331.025

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 14.056, 329.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 34.933, 331.025 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(67, 16, 62)` looks like.

```
.text, #text, p{  
    color:rgb(67, 16, 62)  
}
```

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(67, 16, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 16, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 34.933, 331.025 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(67, 16, 62) }
```

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

```
.border{ border-color:rgb(67, 16, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 16, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 16, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 16, 62);  
box-shadow:4px 4px 4px 4px rgb(67, 16, 62)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 34.933, 331.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 16, 62) }
```

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

```
.background{ background-color: rgb(67, 16,  
62) }
```

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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