

Converting Colors

CIELCh(17, 26.912, 333.671)

Have a look what the booklet for
CIELCh(17, 26.912, 333.671)
contains.

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Color

CIELCh(17, 26.953, 334.055)

Conversions

Conversions Part 1

Format	Color
Hex	431B3B
RGB	67, 27, 59
RGB Percent	26%, 11%, 23%
CMY	0.7368, 0.8937, 0.7682
CMYK	0.00, 0.60, 0.12, 0.74
HSL	312°, 42%, 18%
HSV	312°, 60%, 26%
XYZ	3.5083, 2.3023, 4.4109
YIQ	42.6080, 13.5680, 18.4320

Conversions

Conversions Part 2

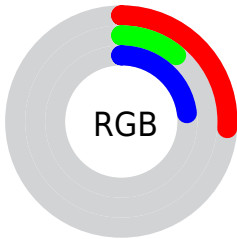
Format	Color
RYB	67, 27, 59
Decimal	4397883
CIELab	17.00, 24.24, -11.79
CIElCh	17, 26.953, 334.055
Yxy	2.3023, 0.3432, 0.2252
Android (android.graphics.Color)	4282587963 (0xFF431B3B)
YUV	42.6080, 8.0813, 21.3918
Hunter-Lab	15.1734, 14.7182, -6.6141

Details

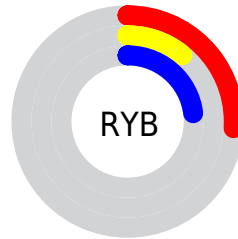
The CIELCh color **17, 26.953, 334.055** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **25, 27.068, 145.724**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 26.498, 334.073**, and **2, 9.159, 330.677** is the 20% darker color. If you saturate the color by 10%, you get **16, 30.606, 334.718**, and if you desaturate by 10%, it is **19, 22.835, 333.417**.

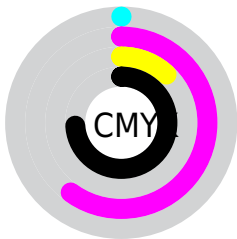
Distribution



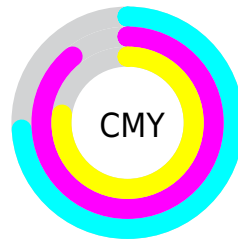
- Red (26%)
- Green (11%)
- Blue (23%)



- Red (26%)
- Yellow (11%)
- Blue (23%)



- Cyan (0%)
- Magenta (60%)
- Yellow (12%)
- Black (74%)



- Cyan (74%)
- Magenta (89%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 26.953, 334.055 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 17, 26.953, 334.055 by changing the saturation by 10% instead.

■ 17, 26.953,
334.055

■ 17, 26.953,
334.055

■ 100, 26.953,
334.055

■ 7, 26.953, 334.055

■ 37, 26.953,
334.055

■ 0, 26.953, 334.055

■ 47, 26.953,
334.055


■ 57, 26.953,
334.055


■ 67, 26.953,
334.055


■ 77, 26.953,
334.055


■ 87, 26.953,


334.055


 97, 26.953,
334.055


 17, 26.953,
334.055


 17, 26.953,
334.055


 16, 30.606,
334.718


 19, 22.835,
333.417

 14, 33.632,
335.416


 20, 18.410,
332.797

 13, 35.994,
336.149


 22, 13.809,
332.195

 12, 38.457,
336.827

 24, 9.132, 331.607

 12, 38.558,
336.852

 26, 4.454, 331.026

 29, 0.174, 151.332

■ 31, 4.719, 150.020

■ 33, 9.161, 149.503

■ 35, 13.489,
149.019

Harmonies

Complementary

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



17, 26.953, 334.055



25, 27.068, 145.724

Rectangle

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



17, 26.953, 334.055



17, 26.953, 24.055



17, 26.953, 154.055



17, 26.953, 204.055

Sweetspot

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



17, 26.952, 334.055



32, 10.366, 331.555



13, 28.747, 303.065



15, 7.093, 331.635



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



17, 26.952, 334.055



21, 38.406, 335.083



16, 20.853, 3.235



12, 2.549, 330.960



20, 49.149, 337.440



51, 89.673, 338.318

Inverse Universe

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



17, 26.952, 334.055



21, 38.406, 335.083



25, 17.827, 170.196



12, 2.549, 330.960



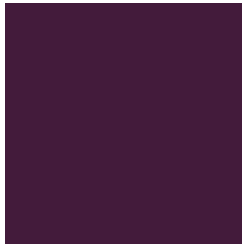
20, 49.149, 337.440



51, 89.673, 338.318

Previews

White Background



This preview shows how the CIE LCh color 17, 26.953, 334.055 looks on a white background.

Color Contrast Check

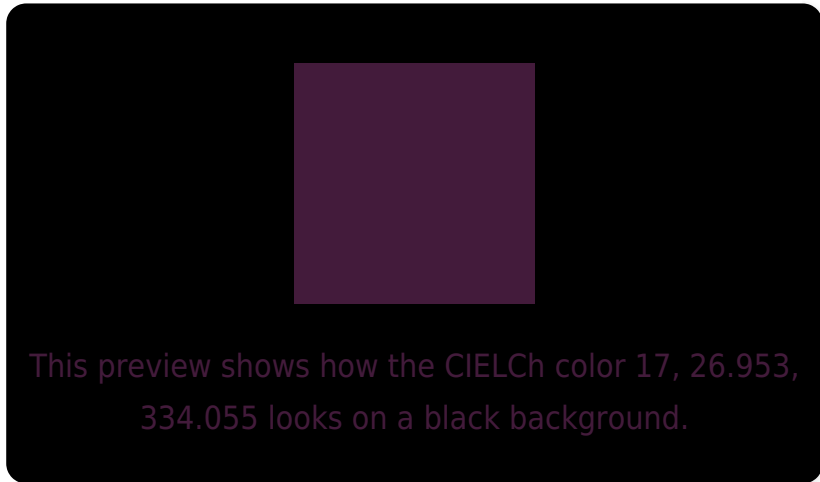
Large Text (above 18pt) WCAG AA ✓ Pass

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

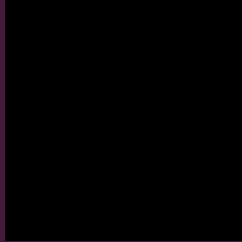
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 26.953, 334.055

Background



This preview shows how black text looks on a background with the CIELCh color 17, 26.953, 334.055.



This preview shows how white text looks on a background with the CIELCh color 17, 26.953, 334.055.

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

17, 26.953, 334.055

Protanopia

17, 20.248, 284.381

Deuteranopia

17, 10.451, 285.972



Tritanopia
17, 16.471, 16.866

Trichromacy



Original Color
17, 26.953, 334.055

Protanomaly
17, 21.136, 302.541

Deuteranomaly
17, 15.557, 312.930

Tritanomaly
17, 18.727, 356.914

Monochromacy



Original Color
17, 26.953, 334.055

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 10.863, 332.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 26.953, 334.055 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, 27, 59)` looks like.

```
.text, #text, p{  
    color:rgb(67, 27, 59)  
}
```

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, 27, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 27, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 26.953, 334.055 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, 27, 59) }
```

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

```
.border{ border-color:rgb(67, 27, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 27, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 27, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 27, 59);  
box-shadow:4px 4px 4px 4px rgb(67, 27, 59)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 26.953, 334.055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 27, 59) }
```

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

```
.background{ background-color: rgb(67, 27,  
59) }
```

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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