

Converting Colors

CIELCh(19, 16.841, 334.379)

Have a look what the booklet for
CIELCh(19, 16.841, 334.379)
contains.

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Color

CIELCh(19, 17.027, 334.321)

Conversions

Conversions Part 1

Format	Color
Hex	3F2639
RGB	63, 38, 57
RGB Percent	25%, 15%, 22%
CMY	0.7526, 0.8507, 0.7762
CMYK	0.00, 0.40, 0.10, 0.75
HSL	314°, 25%, 20%
HSV	314°, 40%, 25%
XYZ	3.4912, 2.7468, 4.2275
YIQ	47.6410, 8.8010, 11.2090

Conversions

Conversions Part 2

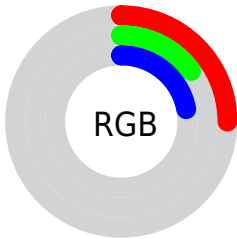
Format	Color
R_{YB}	63, 38, 57
Decimal	4138553
CIE _{Lab}	19.00, 15.35, -7.38
CIE _{LCh}	19, 17.027, 334.321
Yxy	2.7468, 0.3336, 0.2625
Android (android.graphics.Color)	4282328633 (0xFF3F2639)
YUV	47.6410, 4.6140, 13.4698
Hunter-Lab	16.5735, 8.5976, -3.5219

Details

The CIELCh color **19, 17.027, 334.321** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24, 16.918, 149.177**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **39, 17.235, 333.933**, and **2, 8.388, 335.338** is the 20% darker color. If you saturate the color by 10%, you get **17, 21.133, 334.984**, and if you desaturate by 10%, it is **21, 12.765, 333.687**.

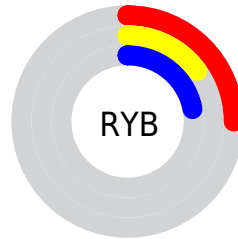
Distribution



Red (25%)

Green (15%)

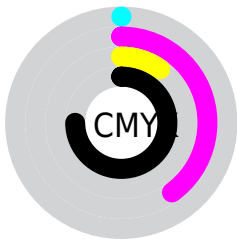
Blue (22%)



Red (25%)

Yellow (15%)

Blue (22%)

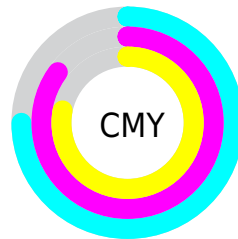


Cyan (0%)

Magenta (40%)

Yellow (10%)

Black (75%)



Cyan (75%)


Magenta (85%)


Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 17.027, 334.321 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 19, 17.027, 334.321 by changing the saturation by 10% instead.

 19, 17.027,
334.321


 19, 17.027,
334.321


 100, 17.027,
334.321


 9, 17.027, 334.321


 39, 17.027,
334.321

 0, 17.027, 334.321

 49, 17.027,
334.321


 59, 17.027,
334.321


 69, 17.027,
334.321


 79, 17.027,
334.321


 89, 17.027,


334.321


 99, 17.027,
334.321

 19, 17.027,
334.321


 19, 17.027,
334.321

 17, 21.133,
334.984

 21, 12.765,
333.687


 16, 24.967,
335.680

 23, 8.441, 333.074


 14, 28.386,
336.419

 25, 4.121, 332.475

 27, 0.150, 152.894

 13, 31.237,
337.216

 29, 4.343, 151.451

 12, 33.535,
338.065

 31, 8.441, 150.925

■ 11, 36.018,
338.828

■ 33, 12.433,
150.433

■ 11, 36.115,
338.854

■ 35, 16.318,
149.968

■ 37, 20.095,
149.526

Harmonies

Complementary

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



19, 17.027, 334.321



24, 16.918, 149.177

Rectangle

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



19, 17.027, 334.321



19, 17.027, 24.321



19, 17.027, 154.321



19, 17.027, 204.321

Sweetspot

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



19, 17.026, 334.321



32, 6.369, 332.648



17, 17.639, 302.043



15, 4.153, 332.661



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



19, 17.026, 334.321



23, 25.307, 335.013



19, 12.943, 2.345



10, 2.312, 332.399



19, 46.952, 339.710



50, 86.347, 340.888

Inverse Universe

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



19, 17.026, 334.321



23, 25.307, 335.013



25, 11.519, 174.873



10, 2.312, 332.399



19, 46.952, 339.710



50, 86.347, 340.888

Previews

White Background



This preview shows how the CIE LCh color 19, 17.027, 334.321 looks on a white background.

Color Contrast Check

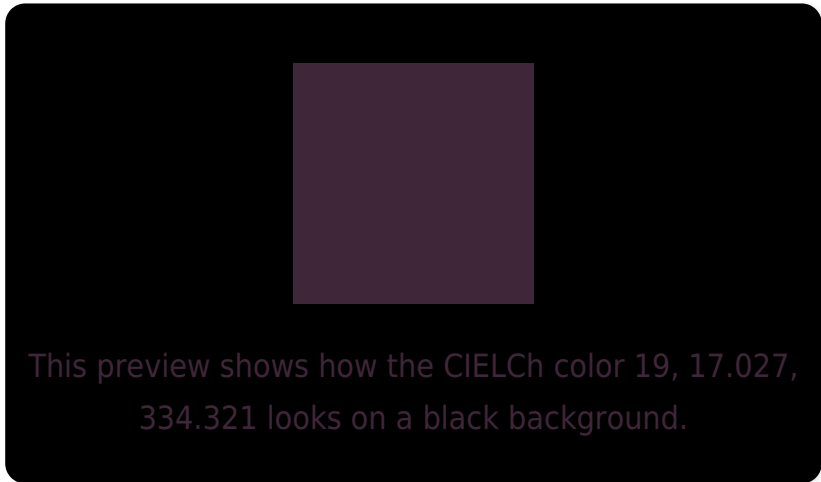
Large Text (above 18pt) WCAG AA ✓ Pass

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

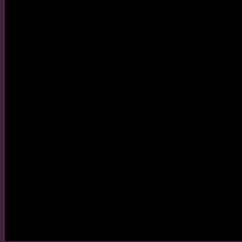
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 17.027, 334.321

Background



This preview shows how black text looks on a background with the CIELCh color 19, 17.027, 334.321.



This preview shows how white text looks on a background with the CIELCh color 19, 17.027, 334.321.

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

19, 17.027, 334.321

Protanopia

19, 11.701, 285.020

Deuteranopia

19, 7.620, 298.597



Tritanopia
19, 10.530, 10.860

Trichromacy



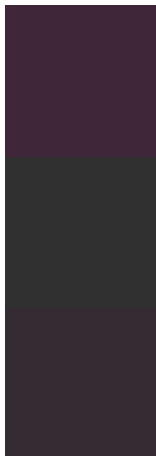
Original Color
19, 17.027, 334.321

Protanomaly
19, 12.773, 306.537

Deuteranomaly
19, 10.841, 319.314

Tritanomaly
19, 12.062, 352.041

Monochromacy



Original Color
19, 17.027, 334.321

Achromatopsia
20, 0.004, 296.813

Achromatomaly
19, 6.379, 332.213

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 17.027, 334.321 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(63, 38, 57)` looks like.

```
.text, #text, p{  
    color:rgb(63, 38, 57)  
}
```

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(63, 38, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 38, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 17.027, 334.321 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(63, 38, 57) }
```

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

```
.border{ border-color:rgb(63, 38, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 38, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 38, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 38, 57);  
box-shadow:4px 4px 4px 4px rgb(63, 38, 57)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 17.027, 334.321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 38, 57) }
```

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

```
.background{ background-color: rgb(63, 38,  
57) }
```

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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