

Converting Colors

CIELCh(19, 34.315, 26.770)

Have a look what the booklet for
CIELCh(19, 34.315, 26.770) contains.

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Color

CIELCh(19, 34.571, 27.265)

Conversions

Conversions Part 1

Format	Color
Hex	591619
RGB	89, 22, 25
RGB Percent	35%, 9%, 10%
CMY	0.6519, 0.9146, 0.9027
CMYK	0.00, 0.75, 0.72, 0.65
HSL	357°, 61%, 22%
HSV	357°, 75%, 35%
XYZ	4.5532, 2.7468, 1.2000
YIQ	42.3750, 38.9690, 15.1370

Conversions

Conversions Part 2

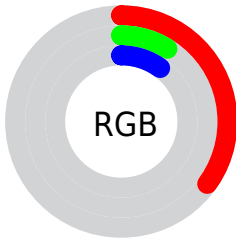
Format	Color
R_{YB}	89, 22, 25
Decimal	5838361
CIE _{Lab}	19.00, 30.73, 15.84
CIE _{LCh}	19, 34.571, 27.265
Yxy	2.7468, 0.5357, 0.3232
Android (android.graphics.Color)	4284028441 (0xFF591619)
YUV	42.3750, -8.5659, 40.8901
Hunter-Lab	16.5735, 20.0354, 7.3087

Details

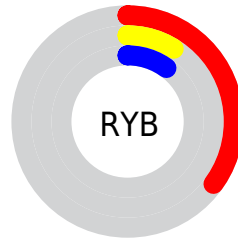
The CIELCh color **19, 34.571, 27.265** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **34, 21.386, 191.399**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 34.832, 27.020**, and **4, 19.370, 18.235** is the 20% darker color. If you saturate the color by 10%, you get **18, 39.059, 30.329**, and if you desaturate by 10%, it is **21, 29.690, 24.405**.

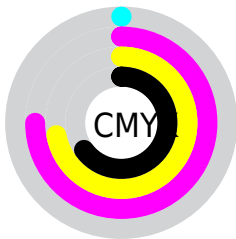
Distribution



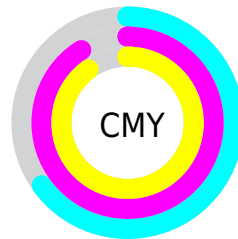
- Red (35%)
- Green (9%)
- Blue (10%)



- Red (35%)
- Yellow (9%)
- Blue (10%)



- Cyan (0%)
- Magenta (75%)
- Yellow (72%)
- Black (65%)



- Cyan (65%)
- Magenta (91%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 34.571, 27.265 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, 34.571, 27.265 by changing the saturation by 10% instead.

 19, 34.571, 27.265

 19, 34.571, 27.265

 100, 34.571,
27.265

 9, 34.571, 27.265

 39, 34.571, 27.265

 0, 34.571, 27.265

 49, 34.571, 27.265

 59, 34.571, 27.265

 69, 34.571, 27.265

 79, 34.571, 27.265

 89, 34.571, 27.265

 99, 34.571, 27.265

19, 34.571, 27.265

19, 34.571, 27.265

18, 39.059, 30.329

21, 29.690, 24.405

17, 42.470, 31.824

23, 24.717, 22.094

16, 43.951, 32.119

25, 19.786, 20.257

28, 15.004, 18.801

30, 10.441, 17.638

33, 6.135, 16.690

36, 2.095, 15.842

39, 1.682, 195.548

42, 5.212, 194.911

Harmonies

Complementary

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



19, 34.571, 27.265



34, 21.386, 191.399

Rectangle

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



19, 34.571, 27.265



19, 34.571, 77.265



19, 34.571, 207.265



19, 34.571, 257.265

Sweetspot

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



19, 34.569, 27.268



40, 11.591, 17.461



21, 46.040, 326.142



19, 8.150, 17.712



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



19, 34.569, 27.268



23, 51.144, 33.708



26, 28.848, 61.904



16, 2.129, 16.129



21, 51.645, 34.772



49, 96.397, 38.644

Inverse Universe

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



19, 34.569, 27.268



23, 51.144, 33.708



24, 21.969, 265.481



16, 2.129, 16.129



21, 51.645, 34.772



49, 96.397, 38.644

Previews

White Background



This preview shows how the CIE LCh color 19, 34.571, 27.265 looks on a white background.

Color Contrast Check

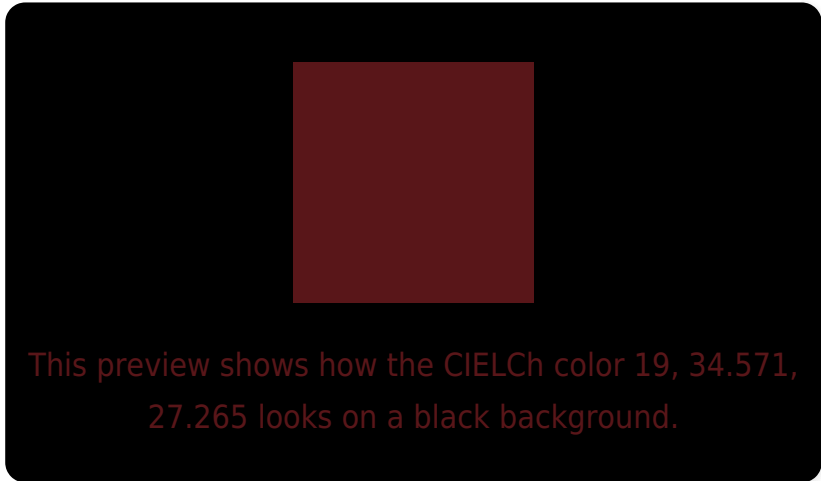
Large Text (above 18pt) WCAG AA ✓ Pass

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

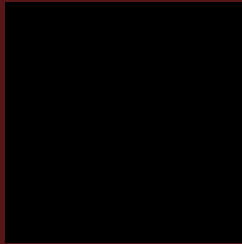
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 34.571, 27.265

Background



This preview shows how black text looks on a background with the CIELCh color 19, 34.571, 27.265.

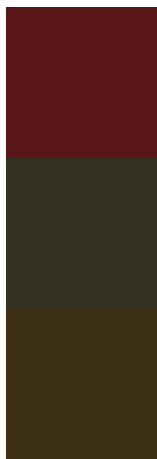


This preview shows how white text looks on a background with the CIELCh color 19, 34.571, 27.265.

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, 34.571, 27.265

Protanopia

20, 9.681, 95.577

Deuteranopia

20, 18.318, 82.967



Tritanopia
19, 35.091, 29.285

Trichromacy



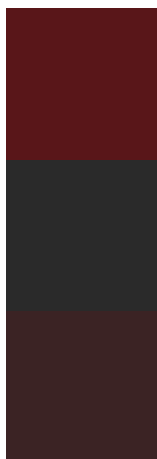
Original Color
19, 34.571, 27.265

Protanomaly
18, 15.454, 40.185

Deuteranomaly
19, 21.704, 49.982

Tritanomaly
19, 34.825, 28.285

Monochromacy



Original Color
19, 34.571, 27.265

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 12.351, 19.433

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 34.571, 27.265 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(89, 22, 25)` looks like.

```
.text, #text, p{  
    color:rgb(89, 22, 25)  
}
```

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(89, 22, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 22, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 34.571, 27.265 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(89, 22, 25) }
```

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

```
.border{ border-color:rgb(89, 22, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 22, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 22, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 22, 25);  
box-shadow:4px 4px 4px 4px rgb(89, 22, 25)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 34.571, 27.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 22, 25) }
```

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

```
.background{ background-color: rgb(89, 22,  
25) }
```

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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