

Converting Colors

CIELCh(19, 26.965, 6.706)

Have a look what the booklet for
CIELCh(19, 26.965, 6.706) contains.

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Color

CIELCh(19, 27.049, 5.452)

Conversions

Conversions Part 1

Format	Color
Hex	511B2B
RGB	81, 27, 43
RGB Percent	32%, 11%, 17%
CMY	0.6807, 0.8926, 0.8300
CMYK	0.00, 0.66, 0.47, 0.68
HSL	342°, 50%, 21%
HSV	342°, 66%, 32%
XYZ	4.2731, 2.7468, 2.6247
YIQ	44.9700, 27.0480, 16.4240

Conversions

Conversions Part 2

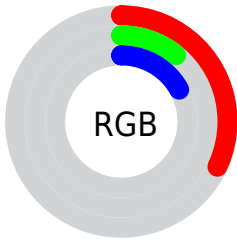
Format	Color
RYB	81, 27, 43
Decimal	5315371
CIELab	19.00, 26.93, 2.57
CIELCh	19, 27.049, 5.452
Yxy	2.7468, 0.4431, 0.2848
Android (android.graphics.Color)	4283505451 (0xFF511B2B)
YUV	44.9700, -0.9712, 31.5983
Hunter-Lab	16.5735, 17.0182, 2.2117

Details

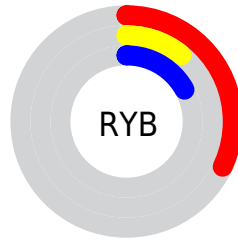
The CIELCh color **19, 27.049, 5.452** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **31, 22.590, 169.399**, and the grayscale version is **19, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 26.918, 5.916**, and **3, 16.126, 17.972** is the 20% darker color. If you saturate the color by 10%, you get **17, 30.559, 8.136**, and if you desaturate by 10%, it is **21, 23.147, 3.287**.

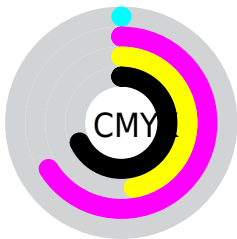
Distribution



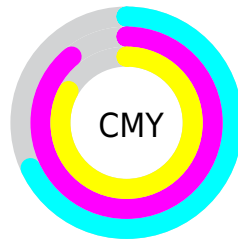
- Red (32%)
- Green (11%)
- Blue (17%)



- Red (32%)
- Yellow (11%)
- Blue (17%)



- Cyan (0%)
- Magenta (66%)
- Yellow (47%)
- Black (68%)




- Cyan (68%)
- Magenta (89%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 27.049, 5.452 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, 27.049, 5.452 by changing the saturation by 10% instead.

 19, 27.049, 5.452  19, 27.049, 5.452

 100, 27.049, 5.452  9, 27.049, 5.452

 39, 27.049, 5.452  0, 27.049, 5.452

 49, 27.049, 5.452

 59, 27.049, 5.452

 69, 27.049, 5.452

 79, 27.049, 5.452

 89, 27.049, 5.452

 99, 27.049, 5.452

 19, 27.049, 5.452  19, 27.049, 5.452

17, 30.559, 8.136

21, 23.147, 3.287

16, 33.542, 11.463

23, 19.015, 1.515

15, 36.330, 15.012

25, 14.791, 0.041

15, 37.456, 16.155

28, 10.582,
358.791

30, 6.459, 357.707

33, 2.465, 356.712

36, 1.378, 176.171

38, 5.062, 175.300

41, 8.587, 174.614

Harmonies

Complementary

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



19, 27.049, 5.452



31, 22.590, 169.399

Rectangle

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



19, 27.049, 5.452



19, 27.049, 55.452



19, 27.049, 185.452



19, 27.049, 235.452

Sweetspot

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



19, 27.047, 5.454



39, 9.979, 358.164



18, 38.216, 318.112



18, 6.746, 358.334



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



19, 27.047, 5.454



23, 39.424, 10.239



21, 25.087, 40.532



15, 2.179, 356.949



20, 44.906, 18.202



49, 82.253, 22.437

Inverse Universe

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



19, 27.047, 5.454



23, 39.424, 10.239



28, 15.587, 224.531



15, 2.179, 356.949



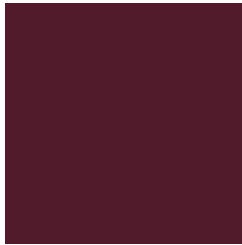
20, 44.906, 18.202



49, 82.253, 22.437

Previews

White Background



This preview shows how the CIELCh color 19, 27.049, 5.452 looks on a white background.

Color Contrast Check

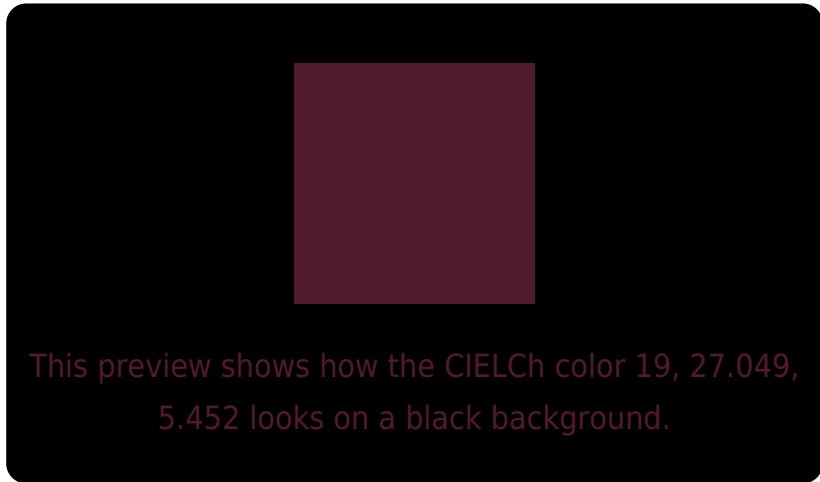
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.049, 5.452

Background



This preview shows how black text looks on a background with the CIELCh color 19, 27.049, 5.452.



This preview shows how white text looks on a background with the CIELCh color 19, 27.049, 5.452.

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, 27.049, 5.452

Protanopia

20, 4.795, 286.020

Deuteranopia

20, 5.259, 60.038



Tritanopia
19, 26.397, 24.028

Trichromacy



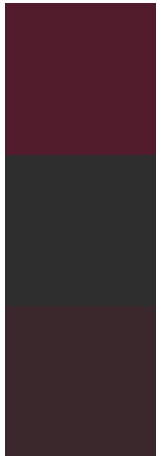
Original Color
19, 27.049, 5.452

Protanomaly
19, 11.215, 344.727

Deuteranomaly
19, 12.604, 13.316

Tritanomaly
19, 26.246, 17.279

Monochromacy



Original Color
19, 27.049, 5.452

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 9.862, 1.653

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 27.049, 5.452 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(81, 27, 43)` looks like.

```
.text, #text, p{  
    color:rgb(81, 27, 43)  
}
```

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(81, 27, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 27, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 27.049, 5.452 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(81, 27, 43) }
```

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

```
.border{ border-color:rgb(81, 27, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 27, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 27, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 27, 43);  
box-shadow:4px 4px 4px 4px rgb(81, 27, 43)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 27.049, 5.452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 27, 43) }
```

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

```
.background{ background-color: rgb(81, 27,  
43) }
```

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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