

Converting Colors

CIELCh(19, 51.813, 329.075)

Have a look what the booklet for
CIELCh(19, 51.813, 329.075)
contains.

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Color

CIELCh(19, 52.027, 329.072)

Conversions

Conversions Part 1

Format	Color
Hex	580156
RGB	88, 1, 86
RGB Percent	35%, 0%, 34%
CMY	0.6558, 0.9972, 0.6636
CMYK	0.00, 0.99, 0.02, 0.66
HSL	301°, 98%, 17%
HSV	301°, 99%, 34%
XYZ	5.6808, 2.7468, 8.9887
YIQ	36.7030, 24.5670, 44.8790

Conversions

Conversions Part 2

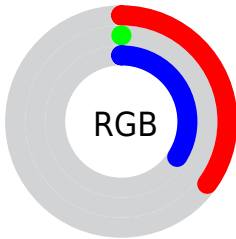
Format	Color
R_{YB}	88, 1, 86
Decimal	5767510
CIE _{Lab}	19.00, 44.63, -26.74
CIE _{LCh}	19, 52.027, 329.072
Yxy	2.7468, 0.3262, 0.1577
Android (android.graphics.Color)	4283957590 (0xFF580156)
YUV	36.7030, 24.3034, 44.9875
Hunter-Lab	16.5735, 32.1800, -20.5545

Details

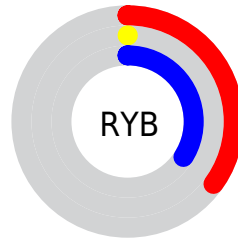
The CIELCh color **19, 52.027, 329.072** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **32, 54.209, 136.521**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 52.148, 329.197**, and **6, 30.696, 328.638** is the 20% darker color. If you saturate the color by 10%, you get **19, 52.237, 329.090**, and if you desaturate by 10%, it is **20, 49.473, 328.850**.

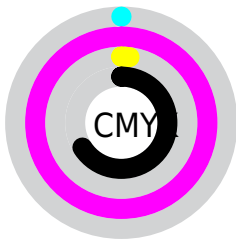
Distribution



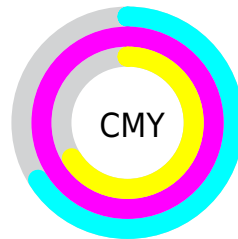
- Red (35%)
- Green (0%)
- Blue (34%)



- Red (35%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (99%)
- Yellow (2%)
- Black (66%)





- Cyan (66%)
- Magenta (100%)
- Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 52.027, 329.072 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, 52.027, 329.072 by changing the saturation by 10% instead.

 19, 52.027,
329.072

 19, 52.027,
329.072


 100, 52.027,
329.072


 9, 52.027, 329.072


 39, 52.027,
329.072

 0, 52.027, 329.072

 49, 52.027,
329.072


 59, 52.027,
329.072


 69, 52.027,
329.072


 79, 52.027,
329.072


 89, 52.027,


329.072


 99, 52.027,
329.072


 19, 52.027,
329.072

 19, 52.027,
329.072


 19, 52.237,
329.090

 20, 49.473,
328.850

 21, 46.501,
328.600

 22, 42.449,
328.284

 24, 37.482,
327.909

 26, 31.813,
327.483

■ 28, 25.660,
327.018

■ 30, 19.215,
326.527

■ 32, 12.632,
326.018

■ 35, 6.028, 325.496

Harmonies

Complementary

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



19, 52.027, 329.072



32, 54.209, 136.521

Rectangle

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



19, 52.027, 329.072



19, 52.027, 19.072



19, 52.027, 149.072



19, 52.027, 199.072

Sweetspot

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



19, 52.026, 329.072



39, 24.614, 326.617



7, 60.459, 306.021



18, 16.908, 326.750



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, 52.026, 329.072



26, 63.014, 329.119



17, 38.918, 359.844



16, 3.629, 325.473



24, 60.009, 329.112



55, 106.553, 329.173

Inverse Universe

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



19, 52.026, 329.072



26, 63.014, 329.119



32, 38.506, 152.018



16, 3.629, 325.473



24, 60.009, 329.112



55, 106.553, 329.173

Previews

White Background



This preview shows how the CIE LCh color 19, 52.027, 329.072 looks on a white background.

Color Contrast Check

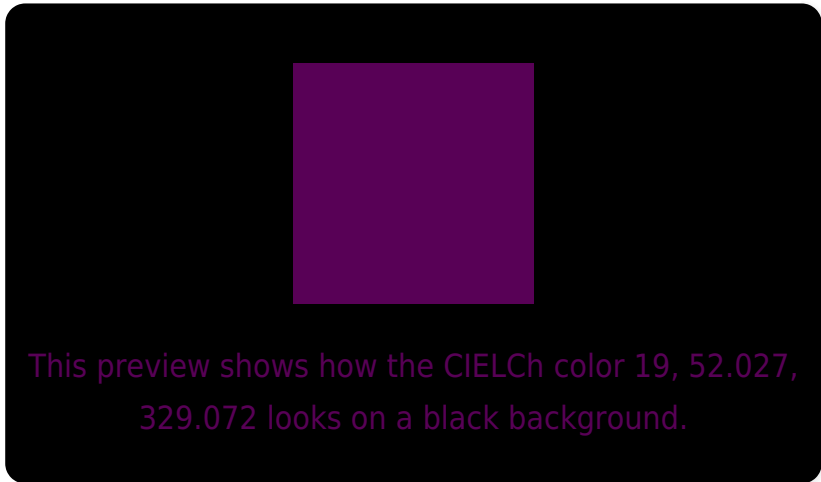
Large Text (above 18pt) WCAG AA ✓ Pass

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

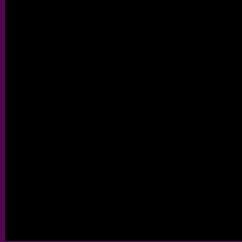
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 52.027, 329.072

Background



This preview shows how black text looks on a background with the CIELCh color 19, 52.027, 329.072.



This preview shows how white text looks on a background with the CIELCh color 19, 52.027, 329.072.

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, 52.027, 329.072

Protanopia

20, 36.908, 284.144

Deuteranopia

21, 21.445, 279.023



Tritanopia
20, 25.074, 23.072

Trichromacy



Original Color
19, 52.027, 329.072

Protanomaly
16, 44.778, 300.558

Deuteranomaly
17, 35.587, 308.751

Tritanomaly
19, 32.541, 351.689

Monochromacy



Original Color
19, 52.027, 329.072

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 25.126, 327.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 52.027, 329.072 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(88, 1, 86)` looks like.

```
.text, #text, p{  
    color:rgb(88, 1, 86)  
}
```

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(88, 1, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 1, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 52.027, 329.072 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(88, 1, 86) }
```

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

```
.border{ border-color:rgb(88, 1, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 1, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 1, 86); -webkit-box-shadow:4px  
4px 4px 4px rgb(88, 1, 86); box-shadow:4px  
4px 4px 4px rgb(88, 1, 86) }
```

Background

The CSS property to change the background color of an element to CIELCh 19, 52.027, 329.072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 1, 86) }
```

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

```
.background{ background-color: rgb(88, 1,  
86) }
```

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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