

Converting Colors

CIELCh(19, 43.625, 327.315)

Have a look what the booklet for
CIELCh(19, 43.625, 327.315)
contains.

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Color

CIELCh(19, 43.833, 327.275)

Conversions

Conversions Part 1

Format	Color
Hex	501251
RGB	80, 18, 81
RGB Percent	31%, 7%, 32%
CMY	0.6857, 0.9287, 0.6818
CMYK	0.01, 0.78, 0.00, 0.68
HSL	299°, 63%, 19%
HSV	299°, 78%, 32%
XYZ	5.0313, 2.7468, 8.0788
YIQ	43.7200, 16.7290, 32.7370

Conversions

Conversions Part 2

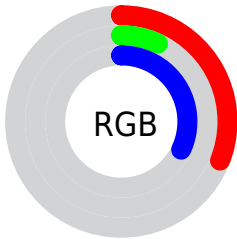
Format	Color
RYB	80, 18, 81
Decimal	5247569
CIELab	19.00, 36.88, -23.70
CIELCh	19, 43.833, 327.275
Yxy	2.7468, 0.3173, 0.1732
Android (android.graphics.Color)	4283437649 (0xFF501251)
YUV	43.7200, 18.3790, 31.8176
Hunter-Lab	16.5735, 25.1847, -17.2996

Details

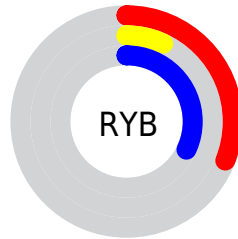
The CIELCh color **19, 43.833, 327.275** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **30, 44.559, 137.832**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 43.957, 327.344**, and **5, 27.024, 327.090** is the 20% darker color. If you saturate the color by 10%, you get **18, 46.979, 327.466**, and if you desaturate by 10%, it is **20, 39.714, 327.004**.

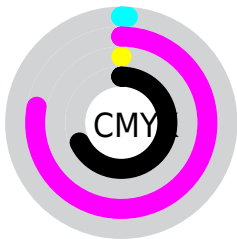
Distribution



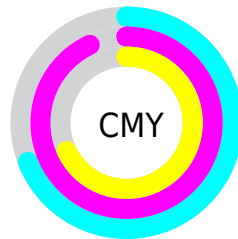
- Red (31%)
- Green (7%)
- Blue (32%)



- Red (31%)
- Yellow (7%)
- Blue (32%)



- Cyan (1%)
- Magenta (78%)
- Yellow (0%)
- Black (68%)





- Cyan (69%)
- Magenta (93%)
- Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 43.833, 327.275 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, 43.833, 327.275 by changing the saturation by 10% instead.

 19, 43.833,
327.275


 19, 43.833,
327.275


 100, 43.833,
327.275


 9, 43.833, 327.275


 39, 43.833,
327.275

 0, 43.833, 327.275

 49, 43.833,
327.275

 59, 43.833,
327.275


 69, 43.833,
327.275


 79, 43.833,
327.275

 89, 43.833,


327.275

 99, 43.833,
327.275


 19, 43.833,
327.275


 19, 43.833,
327.275


 18, 46.979,
327.466


 20, 39.714,
327.004


 17, 49.683,
327.622

 22, 34.797,
326.663

 17, 50.359,
327.662

 24, 29.282,
326.266

 26, 23.365,
325.826

 28, 17.214,
325.357

■ 30, 10.964,
324.870

■ 33, 4.713, 324.365

■ 35, 1.469, 143.999

■ 38, 7.536, 143.452

Harmonies

Complementary

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



19, 43.833, 327.275



30, 44.559, 137.832

Rectangle

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



19, 43.833, 327.275



19, 43.833, 17.275



19, 43.833, 147.275



19, 43.833, 197.275

Sweetspot

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



19, 43.832, 327.275



37, 17.686, 325.173



11, 44.281, 301.460



18, 12.342, 325.281



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, 43.832, 327.275



24, 58.273, 327.566



18, 32.505, 351.672



15, 3.483, 324.424



23, 60.044, 327.642



54, 107.683, 327.601

Inverse Universe

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



17, 33.501, 29.546



21, 48.663, 34.712



30, 31.346, 154.245



15, 2.019, 18.529



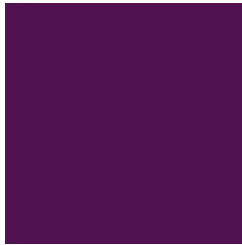
20, 51.244, 35.660



48, 96.722, 39.511

Previews

White Background



This preview shows how the CIE LCh color 19, 43.833, 327.275 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



This preview shows how the CIE LCh color 19, 43.833, 327.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

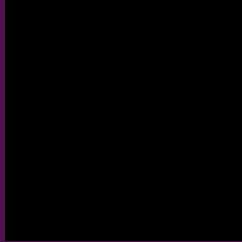
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 43.833, 327.275

Background



This preview shows how black text looks on a background with the CIELCh color 19, 43.833, 327.275.



This preview shows how white text looks on a background with the CIELCh color 19, 43.833, 327.275.

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, 43.833, 327.275

Protanopia

19, 35.791, 284.013

Deuteranopia

20, 20.227, 278.530



Tritanopia
19, 20.379, 19.222

Trichromacy



Original Color
19, 43.833, 327.275

Protanomaly
17, 38.604, 296.324

Deuteranomaly
18, 29.242, 305.005

Tritanomaly
19, 26.377, 348.703

Monochromacy



Original Color
19, 43.833, 327.275

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 18.496, 325.013

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 43.833, 327.275 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(80, 18, 81)` looks like.

```
.text, #text, p{  
    color:rgb(80, 18, 81)  
}
```

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(80, 18, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 18, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 43.833, 327.275 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(80, 18, 81) }
```

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

```
.border{ border-color:rgb(80, 18, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 18, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 18, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 18, 81);  
box-shadow:4px 4px 4px 4px rgb(80, 18, 81)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 43.833, 327.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 18, 81) }
```

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

```
.background{ background-color: rgb(80, 18,  
81) }
```

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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