

Converting Colors

CIELCh(19, 43.219, 329.705)

Have a look what the booklet for
CIELCh(19, 43.219, 329.705)
contains.

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Color

CIELCh(19, 42.999, 329.924)

Conversions

Conversions Part 1

Format	Color
Hex	52114E
RGB	82, 17, 78
RGB Percent	32%, 7%, 31%
CMY	0.6783, 0.9332, 0.6940
CMYK	0.00, 0.79, 0.05, 0.68
HSL	304°, 66%, 19%
HSV	304°, 79%, 32%
XYZ	5.0582, 2.7468, 7.4752
YIQ	43.3890, 19.1590, 32.7510

Conversions

Conversions Part 2

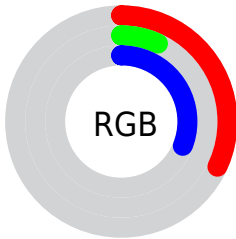
Format	Color
RYB	82, 17, 78
Decimal	5378382
CIELab	19.00, 37.21, -21.55
CIELCh	19, 42.999, 329.924
Yxy	2.7468, 0.3310, 0.1798
Android (android.graphics.Color)	4283568462 (0xFF52114E)
YUV	43.3890, 17.0632, 33.8618
Hunter-Lab	16.5735, 25.4744, -15.1402

Details

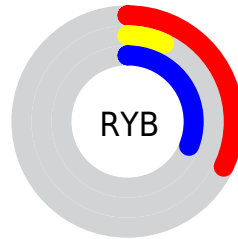
The CIELCh color **19, 42.999, 329.924** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **30, 44.247, 139.197**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 43.111, 330.227**, and **5, 26.121, 330.089** is the 20% darker color. If you saturate the color by 10%, you get **18, 45.787, 330.270**, and if you desaturate by 10%, it is **20, 39.220, 329.535**.

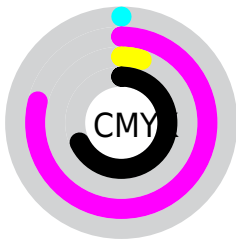
Distribution



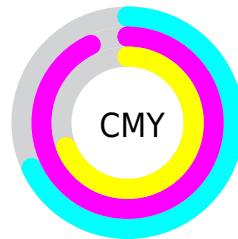
- Red (32%)
- Green (7%)
- Blue (31%)



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



- Cyan (0%)
- Magenta (79%)
- Yellow (5%)
- Black (68%)





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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 42.999, 329.924 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, 42.999, 329.924 by changing the saturation by 10% instead.

 19, 42.999,
329.924

 19, 42.999,
329.924


 100, 42.999,
329.924


 9, 42.999, 329.924

 39, 42.999,
329.924

 0, 42.999, 329.924

 49, 42.999,
329.924


 59, 42.999,
329.924


 69, 42.999,
329.924


 79, 42.999,
329.924


 89, 42.999,


329.924


 99, 42.999,
329.924


 19, 42.999,
329.924


 19, 42.999,
329.924


 18, 45.787,
330.270


 20, 39.220,
329.535


 17, 48.299,
330.593

 22, 34.605,
329.105

 17, 48.498,
330.618

 24, 29.354,
328.640

 26, 23.668,
328.147

 28, 17.722,
327.637

■ 30, 11.656,
327.116

■ 33, 5.574, 326.585

■ 35, 0.451, 146.419

■ 38, 6.370, 145.625

Harmonies

Complementary

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



19, 42.999, 329.924



30, 44.247, 139.197

Rectangle

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



19, 42.999, 329.924



19, 42.999, 19.924



19, 42.999, 149.924



19, 42.999, 199.924

Sweetspot

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



19, 42.998, 329.924



38, 18.140, 327.409



10, 46.276, 302.980



18, 12.316, 327.516



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, 42.998, 329.924



24, 57.169, 330.552



17, 32.406, 356.883



15, 3.356, 326.557



23, 57.320, 330.700



54, 102.466, 330.884

Inverse Universe

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



19, 42.998, 329.924



24, 57.169, 330.552



30, 30.150, 157.464



15, 3.356, 326.557



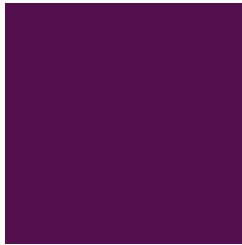
23, 57.320, 330.700



54, 102.466, 330.884

Previews

White Background



This preview shows how the CIE LCh color 19, 42.999, 329.924 looks on a white background.

Color Contrast Check

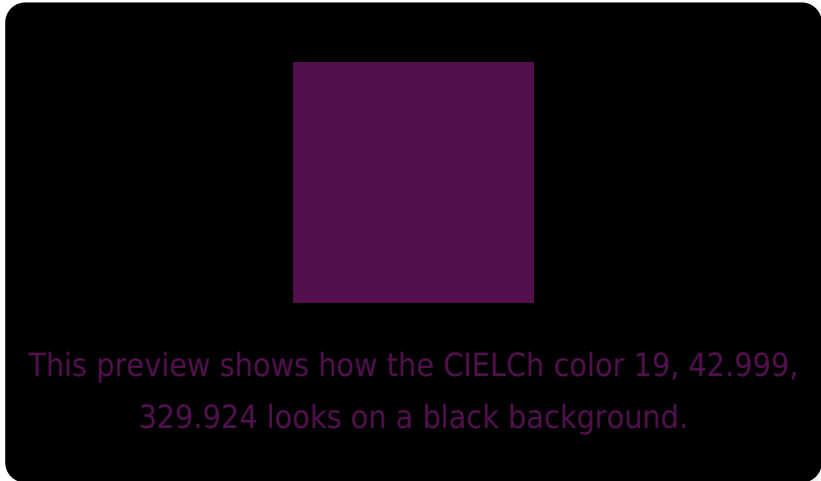
Large Text (above 18pt) WCAG AA ✓ Pass

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

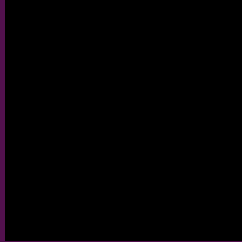
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 42.999, 329.924

Background



This preview shows how black text looks on a background with the CIELCh color 19, 42.999, 329.924.



This preview shows how white text looks on a background with the CIELCh color 19, 42.999, 329.924.

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, 42.999, 329.924

Protanopia

19, 36.416, 284.511

Deuteranopia

20, 18.058, 279.577



Tritanopia
20, 22.581, 22.073

Trichromacy



Original Color
19, 42.999, 329.924

Protanomaly
17, 38.676, 297.137

Deuteranomaly
18, 26.770, 308.089

Tritanomaly
19, 26.868, 353.661

Monochromacy



Original Color
19, 42.999, 329.924

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 18.205, 327.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 42.999, 329.924 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(82, 17, 78)` looks like.

```
.text, #text, p{  
    color:rgb(82, 17, 78)  
}
```

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(82, 17, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 17, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 42.999, 329.924 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(82, 17, 78) }
```

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

```
.border{ border-color:rgb(82, 17, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 17, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 17, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 17, 78);  
box-shadow:4px 4px 4px 4px rgb(82, 17, 78)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 42.999, 329.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 17, 78) }
```

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

```
.background{ background-color: rgb(82, 17,  
78) }
```

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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