

Converting Colors

CIELCh(19, 41.060, 328.257)

Have a look what the booklet for
CIELCh(19, 41.060, 328.257)
contains.

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Color

CIELCh(19, 40.924, 328.210)

Conversions

Conversions Part 1

Format	Color
Hex	4F154E
RGB	79, 21, 78
RGB Percent	31%, 8%, 31%
CMY	0.6903, 0.9177, 0.6942
CMYK	0.00, 0.73, 0.01, 0.69
HSL	301°, 58%, 20%
HSV	301°, 73%, 31%
XYZ	4.8651, 2.7468, 7.4780
YIQ	44.8400, 16.2710, 30.0230

Conversions

Conversions Part 2

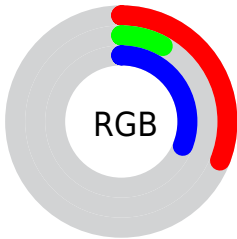
Format	Color
RYB	79, 21, 78
Decimal	5182798
CIELab	19.00, 34.78, -21.56
CIElCh	19, 40.924, 328.210
Yxy	2.7468, 0.3224, 0.1820
Android (android.graphics.Color)	4283372878 (0xFF4F154E)
YUV	44.8400, 16.3479, 29.9583
Hunter-Lab	16.5735, 23.3943, -15.1502

Details

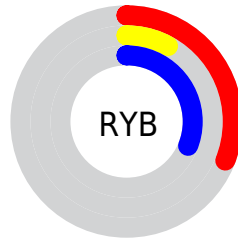
The CIELCh color **19, 40.924, 328.210** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **29, 41.631, 138.871**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 40.557, 328.260**, and **4, 25.432, 327.801** is the 20% darker color. If you saturate the color by 10%, you get **18, 44.363, 328.491**, and if you desaturate by 10%, it is **20, 36.602, 327.866**.

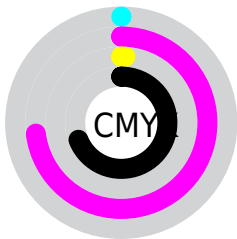
Distribution



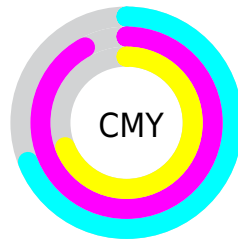
- Red (31%)
- Green (8%)
- Blue (31%)



- Red (31%)
- Yellow (8%)
- Blue (31%)



- Cyan (0%)
- Magenta (73%)
- Yellow (1%)
- Black (69%)





- Cyan (69%)
- Magenta (92%)
- Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 40.924, 328.210 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, 40.924, 328.210 by changing the saturation by 10% instead.

 19, 40.924,
328.210


 19, 40.924,
328.210


 100, 40.924,
328.210


 9, 40.924, 328.210


 39, 40.924,
328.210

 0, 40.924, 328.210

 49, 40.924,
328.210


 59, 40.924,
328.210


 69, 40.924,
328.210


 79, 40.924,
328.210

 89, 40.924,


328.210


 99, 40.924,
328.210

 19, 40.924,
328.210


 19, 40.924,
328.210

 18, 44.363,
328.491


 20, 36.602,
327.866


 17, 47.022,
328.719

 22, 31.582,
327.469

 17, 48.804,
328.867

 24, 26.058,
327.028

 26, 20.210,
326.556

 28, 14.189,
326.063

■ 30, 8.112, 325.556

■ 33, 2.063, 325.008

■ 35, 3.899, 144.616

■ 38, 9.738, 144.115

Harmonies

Complementary

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



19, 40.924, 328.210



29, 41.631, 138.871

Rectangle

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



19, 40.924, 328.210



19, 40.924, 18.210



19, 40.924, 148.210



19, 40.924, 198.210

Sweetspot

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



19, 40.923, 328.210



37, 16.459, 326.030



11, 41.492, 301.329



17, 10.921, 326.092



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



19, 40.923, 328.210



24, 55.286, 328.662



18, 30.187, 353.099



14, 3.274, 325.306



23, 58.224, 328.890



54, 105.268, 328.938

Inverse Universe

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



19, 40.923, 328.210



24, 55.286, 328.662



29, 28.476, 156.667



14, 3.274, 325.306



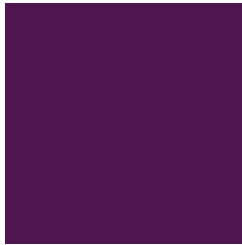
23, 58.224, 328.890



54, 105.268, 328.938

Previews

White Background



This preview shows how the CIE LCh color 19, 40.924, 328.210 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, 40.924, 328.210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

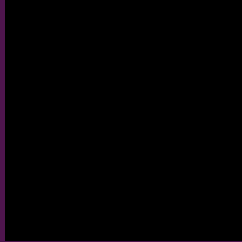
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 40.924, 328.210

Background



This preview shows how black text looks on a background with the CIELCh color 19, 40.924, 328.210.



This preview shows how white text looks on a background with the CIELCh color 19, 40.924, 328.210.

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, 40.924, 328.210

Protanopia

19, 35.791, 284.013

Deuteranopia

20, 18.124, 278.611



Tritanopia
19, 20.379, 19.222

Trichromacy



Original Color
19, 40.924, 328.210

Protanomaly
17, 37.209, 295.461

Deuteranomaly
18, 25.907, 305.823

Tritanomaly
19, 25.171, 349.726

Monochromacy



Original Color
19, 40.924, 328.210

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 17.148, 326.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 40.924, 328.210 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(79, 21, 78)` looks like.

```
.text, #text, p{  
    color:rgb(79, 21, 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(79, 21, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 21, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 40.924, 328.210 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(79, 21, 78) }
```

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

```
.border{ border-color:rgb(79, 21, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 21, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 21, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 21, 78);  
box-shadow:4px 4px 4px 4px rgb(79, 21, 78)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 40.924, 328.210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 21, 78) }
```

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

```
.background{ background-color: rgb(79, 21,  
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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