

Converting Colors

CIELCh(19, 30.050, 339.746)

Have a look what the booklet for
CIELCh(19, 30.050, 339.746)
contains.

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Color

CIELCh(19, 30.513, 339.773)

Conversions

Conversions Part 1

Format	Color
Hex	4E1B3E
RGB	78, 27, 62
RGB Percent	31%, 11%, 24%
CMY	0.6943, 0.8943, 0.7570
CMYK	0.00, 0.65, 0.21, 0.69
HSL	319°, 49%, 21%
HSV	319°, 65%, 31%
XYZ	4.3972, 2.7468, 4.8496
YIQ	46.2390, 19.1610, 21.6970

Conversions

Conversions Part 2

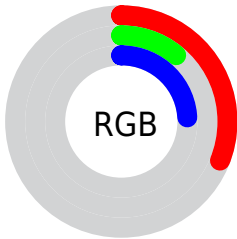
Format	Color
RYB	78, 27, 62
Decimal	5118782
CIELab	19.00, 28.63, -10.55
CIElCh	19, 30.513, 339.773
Yxy	2.7468, 0.3666, 0.2290
Android (android.graphics.Color)	4283308862 (0xFF4E1B3E)
YUV	46.2390, 7.7702, 27.8544
Hunter-Lab	16.5735, 18.3547, -5.7474

Details

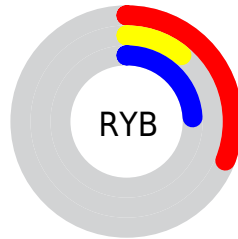
The CIELCh color **19, 30.513, 339.773** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **29, 30.465, 148.791**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **39, 30.677, 339.482**, and **4, 17.423, 347.170** is the 20% darker color. If you saturate the color by 10%, you get **18, 33.892, 340.821**, and if you desaturate by 10%, it is **21, 26.490, 338.842**.

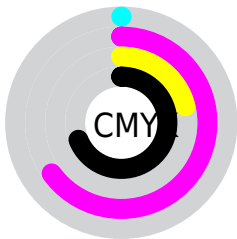
Distribution



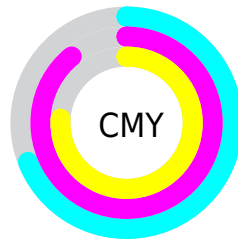
- Red (31%)
- Green (11%)
- Blue (24%)



- Red (31%)
- Yellow (11%)
- Blue (24%)



- Cyan (0%)
- Magenta (65%)
- Yellow (21%)
- Black (69%)





- Cyan (69%)
- Magenta (89%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 30.513, 339.773 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, 30.513, 339.773 by changing the saturation by 10% instead.

 19, 30.513,
339.773

 19, 30.513,
339.773


 100, 30.513,
339.773


 9, 30.513, 339.773


 39, 30.513,
339.773

 0, 30.513, 339.773

 49, 30.513,
339.773


 59, 30.513,
339.773


 69, 30.513,
339.773


 79, 30.513,
339.773


 89, 30.513,


339.773


 99, 30.513,
339.773


 19, 30.513,
339.773


 19, 30.513,
339.773


 18, 33.892,
340.821


 21, 26.490,
338.842

 16, 36.444,
342.027

 23, 22.023,
337.996

 15, 38.462,
343.318

 25, 17.282,
337.216

 15, 39.471,
343.866

 27, 12.405,
336.487

 29, 7.492, 335.797

■ 32, 2.614, 335.112

■ 34, 2.182, 154.653

■ 37, 6.870, 154.025

■ 39, 11.436,
153.473

Harmonies

Complementary

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



19, 30.513, 339.773



29, 30.465, 148.791

Rectangle

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



19, 30.513, 339.773



19, 30.513, 29.773



19, 30.513, 159.773



19, 30.513, 209.773

Sweetspot

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



19, 30.512, 339.773



37, 12.173, 336.161



15, 35.993, 306.449



17, 8.206, 336.262



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, 30.512, 339.773



23, 42.944, 341.587



18, 25.687, 12.482



14, 2.657, 335.339



21, 47.203, 344.641



51, 84.288, 346.237

Inverse Universe

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



19, 30.512, 339.773



23, 42.944, 341.587



30, 19.851, 177.146



14, 2.657, 335.339



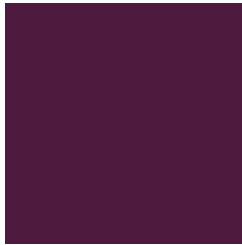
21, 47.203, 344.641



51, 84.288, 346.237

Previews

White Background



This preview shows how the CIE LCh color 19, 30.513, 339.773 looks on a white background.

Color Contrast Check

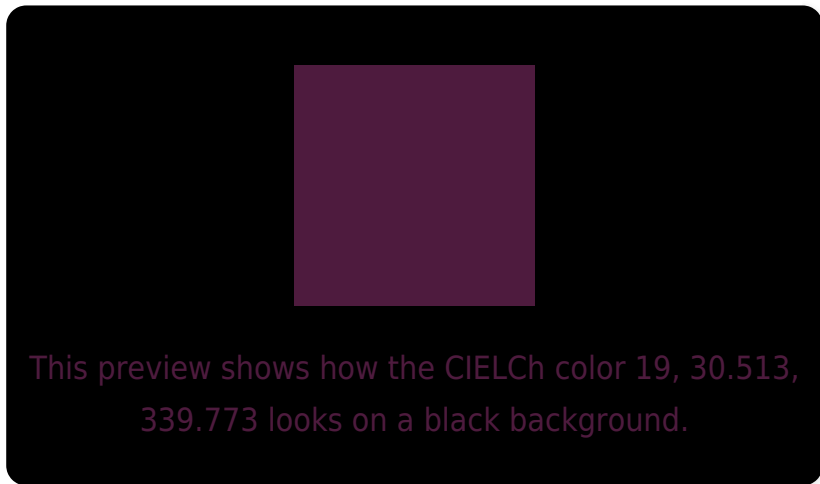
Large Text (above 18pt) WCAG AA ✓ Pass

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

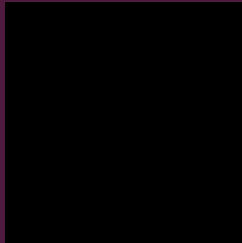
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 30.513, 339.773

Background



This preview shows how black text looks on a background with the CIELCh color 19, 30.513, 339.773.



This preview shows how white text looks on a background with the CIELCh color 19, 30.513, 339.773.

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, 30.513, 339.773

Protanopia

19, 21.316, 284.975

Deuteranopia

19, 8.899, 292.301



Tritanopia
19, 21.575, 21.643

Trichromacy



Original Color
19, 30.513, 339.773

Protanomaly
18, 23.227, 306.778

Deuteranomaly
19, 16.606, 323.310

Tritanomaly
19, 23.435, 3.202

Monochromacy



Original Color
19, 30.513, 339.773

Achromatopsia
19, 0.004, 296.813

Achromatomaly
18, 12.481, 336.990

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 30.513, 339.773 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(78, 27, 62)` looks like.

```
.text, #text, p{  
    color:rgb(78, 27, 62)  
}
```

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(78, 27, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 27, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 30.513, 339.773 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(78, 27, 62) }
```

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

```
.border{ border-color:rgb(78, 27, 62) }
```

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

Here you see how a box with a 4 pixel rgb(78, 27, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 27, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 27, 62);  
box-shadow:4px 4px 4px 4px rgb(78, 27, 62)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 30.513, 339.773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 27, 62) }
```

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

```
.background{ background-color: rgb(78, 27,  
62) }
```

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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