

Converting Colors

CIELCh(19, 46.120, 324.573)

Have a look what the booklet for
CIELCh(19, 46.120, 324.573)
contains.

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Color

CIELCh(19, 46.214, 324.479)

Conversions

Conversions Part 1

Format	Color
Hex	4F1256
RGB	79, 18, 86
RGB Percent	31%, 7%, 34%
CMY	0.6910, 0.9303, 0.6635
CMYK	0.08, 0.79, 0.00, 0.66
HSL	294°, 66%, 20%
HSV	294°, 79%, 34%
XYZ	5.0909, 2.7468, 9.0229
YIQ	43.9910, 14.5280, 34.0800

Conversions

Conversions Part 2

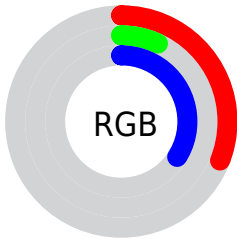
Format	Color
RYB	79, 18, 86
Decimal	5182038
CIELab	19.00, 37.61, -26.85
CIELCh	19, 46.214, 324.479
Yxy	2.7468, 0.3019, 0.1629
Android (android.graphics.Color)	4283372118 (0xFF4F1256)
YUV	43.9910, 20.7104, 30.7029
Hunter-Lab	16.5735, 25.8263, -20.6771

Details

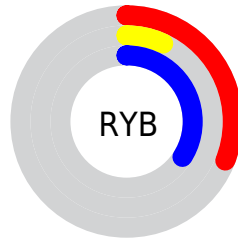
The CIELCh color **19, 46.214, 324.479** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **32, 46.432, 136.351**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 46.149, 324.750**, and **5, 30.008, 322.351** is the 20% darker color. If you saturate the color by 10%, you get **18, 49.460, 324.517**, and if you desaturate by 10%, it is **20, 41.938, 324.321**.

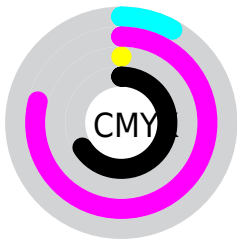
Distribution



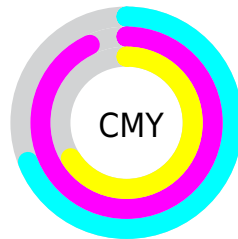
- Red (31%)
- Green (7%)
- Blue (34%)



- Red (31%)
- Yellow (7%)
- Blue (34%)



- Cyan (8%)
- Magenta (79%)
- Yellow (0%)
- Black (66%)





- Cyan (69%)
- Magenta (93%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 19, 46.214, 324.479 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, 46.214, 324.479 by changing the saturation by 10% instead.


 19, 46.214,
324.479

 19, 46.214,
324.479

 100, 46.214,
324.479


 9, 46.214, 324.479


 39, 46.214,
324.479

 0, 46.214, 324.479

 49, 46.214,
324.479

 59, 46.214,
324.479


 69, 46.214,
324.479


 79, 46.214,
324.479


 89, 46.214,


324.479


 99, 46.214,
324.479


 19, 46.214,
324.479


 19, 46.214,
324.479


 18, 49.460,
324.517


 20, 41.938,
324.321


 17, 52.396,
324.533

 22, 36.832,
324.064

 17, 52.613,
324.536

 24, 31.119,
323.731

 27, 25.012,
323.343

 29, 18.687,
322.919

■ 31, 12.277,
322.476

■ 34, 5.880, 322.019

■ 37, 0.439, 141.889

■ 39, 6.637, 141.190

Harmonies

Complementary

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



19, 46.214, 324.479



32, 46.432, 136.351

Rectangle

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



19, 46.214, 324.479



19, 46.214, 14.479



19, 46.214, 144.479



19, 46.214, 194.479

Sweetspot

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



19, 46.213, 324.479



40, 19.093, 322.723



13, 42.526, 298.537



18, 12.979, 322.819



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



19, 46.213, 324.479



24, 62.124, 324.449



19, 36.158, 345.507



16, 3.571, 321.996



22, 61.435, 324.432



52, 109.280, 324.184

Inverse Universe

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



18, 34.411, 24.324



22, 50.340, 31.639



32, 36.439, 149.315



16, 2.144, 11.488



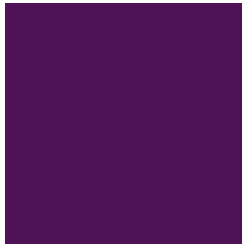
21, 50.401, 32.377



49, 93.688, 36.373

Previews

White Background



This preview shows how the CIE LCh color 19, 46.214, 324.479 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, 46.214, 324.479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

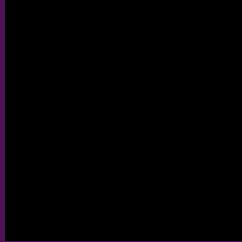
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 46.214, 324.479

Background



This preview shows how black text looks on a background with the CIELCh color 19, 46.214, 324.479.



This preview shows how white text looks on a background with the CIELCh color 19, 46.214, 324.479.

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, 46.214, 324.479

Protanopia

19, 35.791, 284.013

Deuteranopia

20, 23.152, 277.252



Tritanopia
20, 18.326, 19.914

Trichromacy



Original Color
19, 46.214, 324.479

Protanomaly
17, 39.901, 296.669

Deuteranomaly
18, 31.783, 301.505

Tritanomaly
19, 25.765, 344.961

Monochromacy



Original Color
19, 46.214, 324.479

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 19.844, 324.051

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 46.214, 324.479 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, 18, 86)` looks like.

```
.text, #text, p{  
    color:rgb(79, 18, 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(79, 18, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 18, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 46.214, 324.479 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, 18, 86) }
```

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

```
.border{ border-color:rgb(79, 18, 86) }
```

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

Here you see how a box with a 4 pixel rgb(79, 18, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 18, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 18, 86);  
box-shadow:4px 4px 4px 4px rgb(79, 18, 86)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 46.214, 324.479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 18, 86) }
```

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

```
.background{ background-color: rgb(79, 18,  
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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