

Converting Colors

CIELCh(19, 47.538, 335.630)

Have a look what the booklet for
CIELCh(19, 47.538, 335.630)
contains.

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Color

CIELCh(19, 47.303, 336.092)

Conversions

Conversions Part 1

Format	Color
Hex	5B024B
RGB	91, 2, 75
RGB Percent	36%, 1%, 29%
CMY	0.6444, 0.9937, 0.7070
CMYK	0.00, 0.98, 0.18, 0.64
HSL	311°, 97%, 18%
HSV	311°, 98%, 36%
XYZ	5.5609, 2.7468, 6.8426
YIQ	36.9330, 29.6110, 41.5710

Conversions

Conversions Part 2

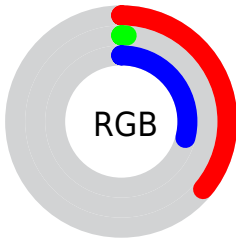
Format	Color
R _Y B	91, 2, 75
Decimal	5964363
CIE Lab	19.00, 43.24, -19.17
CIE LCh	19, 47.303, 336.092
Yxy	2.7468, 0.3670, 0.1813
Android (android.graphics.Color)	4284154443 (0xFF5B024B)
YUV	36.9330, 18.7670, 47.4168
Hunter-Lab	16.5735, 30.8886, -12.8772

Details

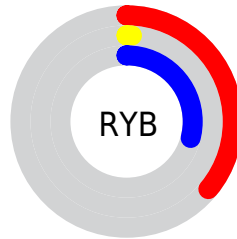
The CIELCh color **19, 47.303, 336.092** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **33, 51.413, 139.535**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 47.177, 336.050**, and **6, 26.967, 340.875** is the 20% darker color. If you saturate the color by 10%, you get **19, 47.687, 336.216**, and if you desaturate by 10%, it is **20, 45.228, 335.361**.

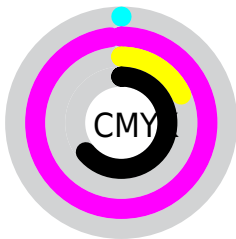
Distribution



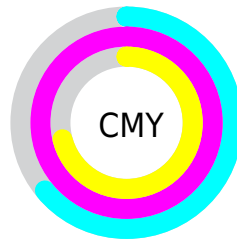
- Red (36%)
- Green (1%)
- Blue (29%)



- Red (36%)
- Yellow (1%)
- Blue (29%)



- Cyan (0%)
- Magenta (98%)
- Yellow (18%)
- Black (64%)





- Cyan (64%)
- Magenta (99%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 47.303, 336.092 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, 47.303, 336.092 by changing the saturation by 10% instead.

 19, 47.303,
336.092


 19, 47.303,
336.092


 100, 47.303,
336.092


 9, 47.303, 336.092


 39, 47.303,
336.092

 0, 47.303, 336.092

 49, 47.303,
336.092


 59, 47.303,
336.092


 69, 47.303,
336.092

 79, 47.303,
336.092


 89, 47.303,


336.092


 99, 47.303,
336.092


 19, 47.303,
336.092


 19, 47.303,
336.092

 19, 47.687,
336.216

 20, 45.228,
335.361

 21, 42.566,
334.641

 22, 38.817,
333.962

 24, 34.178,
333.310

 26, 28.879,
332.674

■ 29, 23.143,
332.050

■ 31, 17.156,
331.439

■ 34, 11.064,
330.839

■ 36, 4.972, 330.243

Harmonies

Complementary

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



19, 47.303, 336.092



33, 51.413, 139.535

Rectangle

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



19, 47.303, 336.092



19, 47.303, 26.092



19, 47.303, 156.092



19, 47.303, 206.092

Sweetspot

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



19, 47.301, 336.092



40, 21.775, 331.540



8, 60.643, 307.179



18, 14.780, 331.705



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



19, 47.301, 336.092



26, 56.932, 336.515



17, 39.528, 13.131



17, 3.417, 330.280



24, 54.315, 336.442



54, 94.935, 337.086

Inverse Universe

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



19, 47.301, 336.092



26, 56.932, 336.515



34, 33.268, 161.302



17, 3.417, 330.280



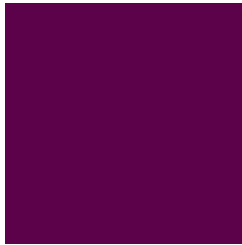
24, 54.315, 336.442



54, 94.935, 337.086

Previews

White Background



This preview shows how the CIE LCh color 19, 47.303, 336.092 looks on a white background.

Color Contrast Check

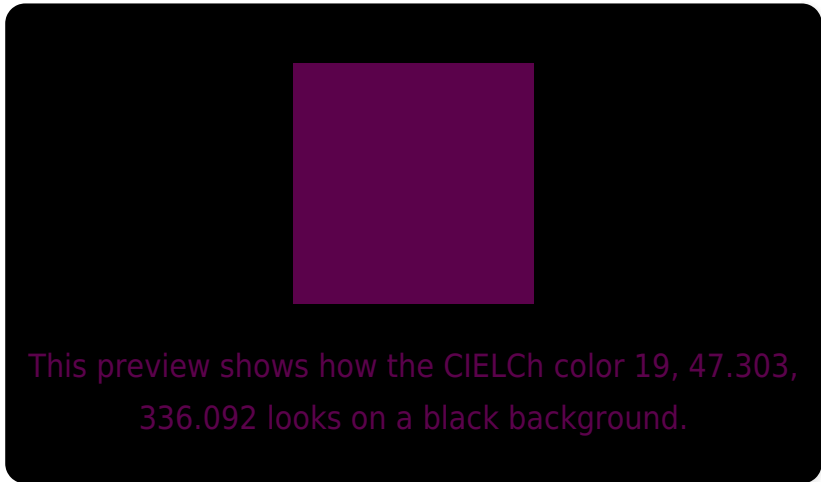
Large Text (above 18pt) WCAG AA ✓ Pass

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

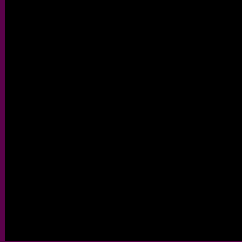
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 47.303, 336.092

Background



This preview shows how black text looks on a background with the CIELCh color 19, 47.303, 336.092.



This preview shows how white text looks on a background with the CIELCh color 19, 47.303, 336.092.

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, 47.303, 336.092

Protanopia

20, 36.908, 284.144

Deuteranopia

21, 14.340, 284.139



Tritanopia
20, 29.911, 25.447

Trichromacy



Original Color
19, 47.303, 336.092

Protanomaly
16, 42.210, 300.543

Deuteranomaly
18, 29.268, 317.800

Tritanomaly
19, 33.594, 0.250

Monochromacy



Original Color
19, 47.303, 336.092

Achromatopsia
15, 0.003, 296.813

Achromatomaly
14, 23.281, 333.114

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 47.303, 336.092 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(91, 2, 75)` looks like.

```
.text, #text, p{  
    color:rgb(91, 2, 75)  
}
```

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(91, 2, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 2, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 47.303, 336.092 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(91, 2, 75) }
```

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

```
.border{ border-color:rgb(91, 2, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 2, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 2, 75); -webkit-box-shadow:4px  
4px 4px 4px rgb(91, 2, 75); box-shadow:4px  
4px 4px 4px rgb(91, 2, 75) }
```

Background

The CSS property to change the background color of an element to CIELCh 19, 47.303, 336.092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 2, 75) }
```

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

```
.background{ background-color: rgb(91, 2,  
75) }
```

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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