

Converting Colors

CIELCh(19, 43.624, 347.663)

Have a look what the booklet for
CIELCh(19, 43.624, 347.663)
contains.

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Color

CIELCh(19, 43.858, 347.587)

Conversions

Conversions Part 1

Format	Color
Hex	5F003D
RGB	95, 0, 61
RGB Percent	37%, 0%, 24%
CMY	0.6285, 1.0000, 0.7616
CMYK	0.00, 1.00, 0.36, 0.63
HSL	322°, 100%, 19%
HSV	322°, 100%, 37%
XYZ	5.5256, 2.7468, 4.6230
YIQ	35.3590, 37.0390, 39.1110

Conversions

Conversions Part 2

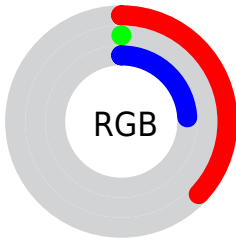
Format	Color
R_{YB}	95, 0, 61
Decimal	6225981
CIE _{Lab}	19.00, 42.83, -9.43
CIE _{LCh}	19, 43.858, 347.587
Yxy	2.7468, 0.4285, 0.2130
Android (android.graphics.Color)	4284416061 (0xFF5F003D)
YUV	35.3590, 12.6410, 52.3052
Hunter-Lab	16.5735, 30.5085, -4.9367

Details

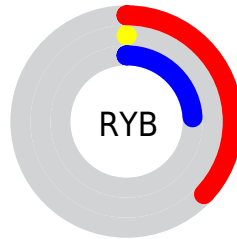
The CIELCh color **19, 43.858, 347.587** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **35, 47.531, 144.606**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 43.714, 347.877**, and **6, 24.941, 1.163** is the 20% darker color. If you saturate the color by 10%, you get **19, 43.764, 347.620**, and if you desaturate by 10%, it is **20, 41.962, 345.901**.

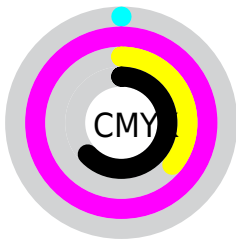
Distribution



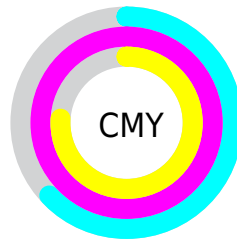
- Red (37%)
- Green (0%)
- Blue (24%)



- Red (37%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (63%)




- Cyan (63%)
- Magenta (100%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 43.858, 347.587 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, 43.858, 347.587 by changing the saturation by 10% instead.

 19, 43.858,
347.587

 19, 43.858,
347.587


 100, 43.858,
347.587

 9, 43.858, 347.587


 39, 43.858,
347.587

 0, 43.858, 347.587

 49, 43.858,
347.587


 59, 43.858,
347.587


 69, 43.858,
347.587


 79, 43.858,
347.587


 89, 43.858,


347.587


 99, 43.858,
347.587


 19, 43.858,
347.587


 19, 43.858,
347.587

 19, 43.764,
347.620

 20, 41.962,
345.901

 21, 39.780,
344.251

 23, 36.503,
342.873

 25, 32.323,
341.695

 27, 27.482,
340.664

■ 29, 22.211,
339.740

■ 32, 16.702,
338.899

■ 35, 11.101,
338.121

■ 37, 5.513, 337.384

Harmonies

Complementary

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



19, 43.858, 347.587



35, 47.531, 144.606

Rectangle

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



19, 43.858, 347.587



19, 43.858, 37.587



19, 43.858, 167.587



19, 43.858, 217.587

Sweetspot

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



19, 43.764, 347.620



41, 20.622, 338.972



10, 61.868, 309.705



19, 13.934, 339.196



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



19, 43.764, 347.620



26, 52.161, 348.417



18, 44.631, 28.495



18, 3.147, 337.304



23, 49.105, 348.162



53, 84.843, 349.899

Inverse Universe

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



19, 43.764, 347.620



26, 52.161, 348.417



35, 27.972, 177.312



18, 3.147, 337.304



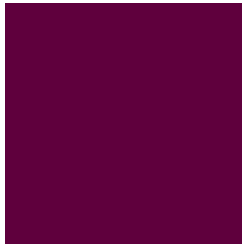
23, 49.105, 348.162



53, 84.843, 349.899

Previews

White Background



This preview shows how the CIELCh color 19, 43.858, 347.587 looks on a white background.

Color Contrast Check

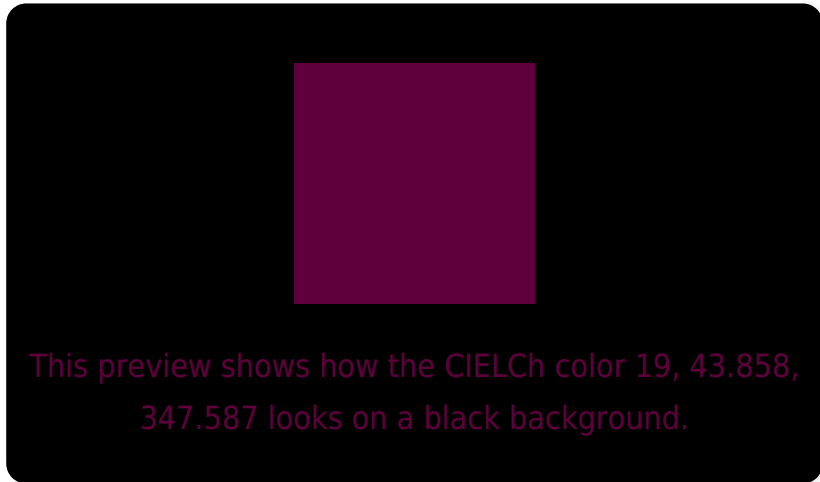
Large Text (above 18pt) WCAG AA ✓ Pass

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

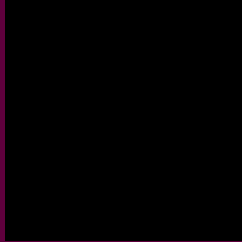
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 43.858, 347.587

Background



This preview shows how black text looks on a background with the CIELCh color 19, 43.858, 347.587.



This preview shows how white text looks on a background with the CIELCh color 19, 43.858, 347.587.

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, 43.858, 347.587

Protanopia

21, 25.834, 285.381

Deuteranopia

21, 5.605, 305.223



Tritanopia
20, 35.381, 28.987

Trichromacy



Original Color
19, 43.858, 347.587

Protanomaly
17, 32.724, 313.120

Deuteranomaly
18, 23.978, 336.666

Tritanomaly
19, 36.486, 11.174

Monochromacy



Original Color
19, 43.858, 347.587

Achromatopsia
14, 0.003, 296.813

Achromatomaly
13, 21.676, 342.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 43.858, 347.587 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(95, 0, 61)` looks like.

```
.text, #text, p{  
    color:rgb(95, 0, 61)  
}
```

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(95, 0, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 0, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 43.858, 347.587 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(95, 0, 61) }
```

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

```
.border{ border-color:rgb(95, 0, 61) }
```

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

Here you see how a box with a 4 pixel rgb(95, 0, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 0, 61); -webkit-box-shadow:4px  
4px 4px 4px rgb(95, 0, 61); box-shadow:4px  
4px 4px 4px rgb(95, 0, 61) }
```

Background

The CSS property to change the background color of an element to CIELCh 19, 43.858, 347.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 0, 61) }
```

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

```
.background{ background-color: rgb(95, 0,  
61) }
```

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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