

Converting Colors

CIELCh(19, 40.924, 349.777)

Have a look what the booklet for
CIELCh(19, 40.924, 349.777)
contains.

CIELCh(19, 41.055, 349.608)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(19, 41.055, 349.608)

Conversions

Conversions Part 1

Format	Color
Hex	5D063A
RGB	93, 6, 58
RGB Percent	36%, 2%, 23%
CMY	0.6360, 0.9774, 0.7731
CMYK	0.00, 0.94, 0.38, 0.64
HSL	324°, 88%, 19%
HSV	324°, 94%, 36%
XYZ	5.3185, 2.7468, 4.2326
YIQ	37.9410, 35.1600, 34.6160

Conversions

Conversions Part 2

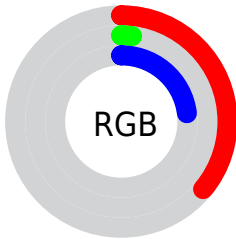
Format	Color
R _Y B	93, 6, 58
Decimal	6096442
CIE Lab	19.00, 40.38, -7.41
CIE LCh	19, 41.055, 349.608
Yxy	2.7468, 0.4325, 0.2234
Android (android.graphics.Color)	4284286522 (0xFF5D063A)
YUV	37.9410, 9.8891, 48.2867
Hunter-Lab	16.5735, 28.2776, -3.5401

Details

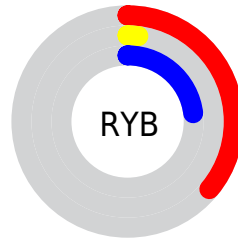
The CIELCh color **19, 41.055, 349.608** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **34, 43.112, 147.359**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 41.356, 349.652**, and **5, 23.452, 4.909** is the 20% darker color. If you saturate the color by 10%, you get **18, 42.234, 350.820**, and if you desaturate by 10%, it is **20, 39.176, 347.607**.

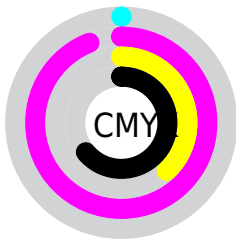
Distribution



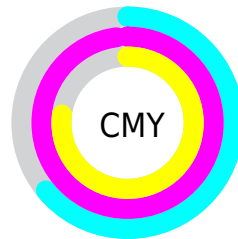
- Red (36%)
- Green (2%)
- Blue (23%)



- Red (36%)
- Yellow (2%)
- Blue (23%)



- Cyan (0%)
- Magenta (94%)
- Yellow (38%)
- Black (64%)



- Cyan (64%)
- Magenta (98%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 41.055, 349.608 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, 41.055, 349.608 by changing the saturation by 10% instead.

■ 19, 41.055,
349.608

■ 19, 41.055,
349.608

■ 100, 41.055,
349.608

■ 9, 41.055, 349.608

■ 39, 41.055,
349.608

■ 0, 41.055, 349.608

■ 49, 41.055,
349.608

■ 59, 41.055,
349.608

■ 69, 41.055,
349.608

■ 79, 41.055,
349.608


■ 89, 41.055,


349.608


 99, 41.055,
349.608


 19, 41.055,
349.608


 19, 41.055,
349.608

 18, 42.234,
350.820

 20, 39.176,
347.607

 21, 36.355,
345.916

 23, 32.600,
344.505

 25, 28.135,
343.301

 28, 23.192,
342.248

■ 30, 17.970,
341.308

■ 33, 12.626,
340.454

■ 36, 7.271, 339.664

■ 38, 1.981, 338.866

Harmonies

Complementary

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



19, 41.055, 349.608



34, 43.112, 147.359

Rectangle

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



19, 41.055, 349.608



19, 41.055, 39.608



19, 41.055, 169.608



19, 41.055, 219.608

Sweetspot

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



19, 41.053, 349.609



41, 18.374, 340.877



12, 57.139, 310.298



19, 12.790, 341.136



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, 41.053, 349.609



25, 50.303, 351.782



18, 42.655, 29.778



17, 2.915, 339.283



23, 47.297, 351.466



52, 82.432, 353.598

Inverse Universe

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



19, 41.053, 349.609



25, 50.303, 351.782



35, 25.414, 183.683



17, 2.915, 339.283



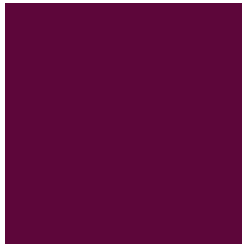
23, 47.297, 351.466



52, 82.432, 353.598

Previews

White Background



This preview shows how the CIELCh color 19, 41.055, 349.608 looks on a white background.

Color Contrast Check

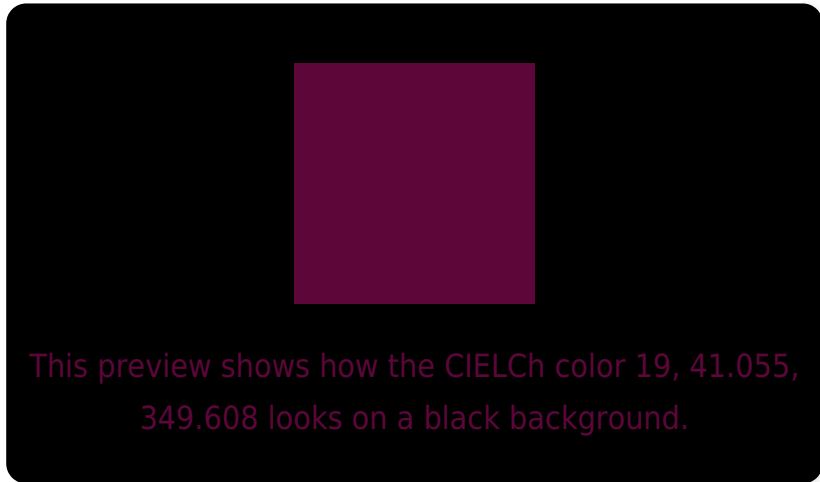
Large Text (above 18pt) WCAG AA ✓ Pass

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, 41.055, 349.608

Background



This preview shows how black text looks on a background with the CIELCh color 19, 41.055, 349.608.



This preview shows how white text looks on a background with the CIELCh color 19, 41.055, 349.608.

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, 41.055, 349.608

Protanopia

20, 23.232, 284.796

Deuteranopia

20, 4.487, 315.044



Tritanopia
20, 35.471, 29.199

Trichromacy



Original Color
19, 41.055, 349.608

Protanomaly
18, 28.802, 313.881

Deuteranomaly
18, 21.048, 340.215

Tritanomaly
19, 35.618, 13.689

Monochromacy



Original Color
19, 41.055, 349.608

Achromatopsia
15, 0.003, 296.813

Achromatomaly
15, 19.543, 343.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 41.055, 349.608 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(93, 6, 58)` looks like.

```
.text, #text, p{  
    color:rgb(93, 6, 58)  
}
```

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(93, 6, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 6, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 41.055, 349.608 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(93, 6, 58) }
```

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

```
.border{ border-color:rgb(93, 6, 58) }
```

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

Here you see how a box with a 4 pixel rgb(93, 6, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 6, 58); -webkit-box-shadow:4px  
4px 4px 4px rgb(93, 6, 58); box-shadow:4px  
4px 4px 4px rgb(93, 6, 58) }
```

Background

The CSS property to change the background color of an element to CIELCh 19, 41.055, 349.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 6, 58) }
```

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

```
.background{ background-color: rgb(93, 6,  
58) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor